# LilyPond

Das Notensatzsystem

# Allgemeine Information

**Das LilyPond-Entwicklungsteam**

Copyright © 2009–2026 by the authors.

Diese Datei dokumentiert den Internetauftritt von LilyPond.

Permission is granted to copy, distribute and/or modify this document under the terms of the GNU Free Documentation License, Version 1.1 or any later version published by the Free Software Foundation; with no Invariant Sections. A copy of the license is included in the section entitled “GNU Free Documentation License”.

Für LilyPond Version 2.26.0

# LilyPond

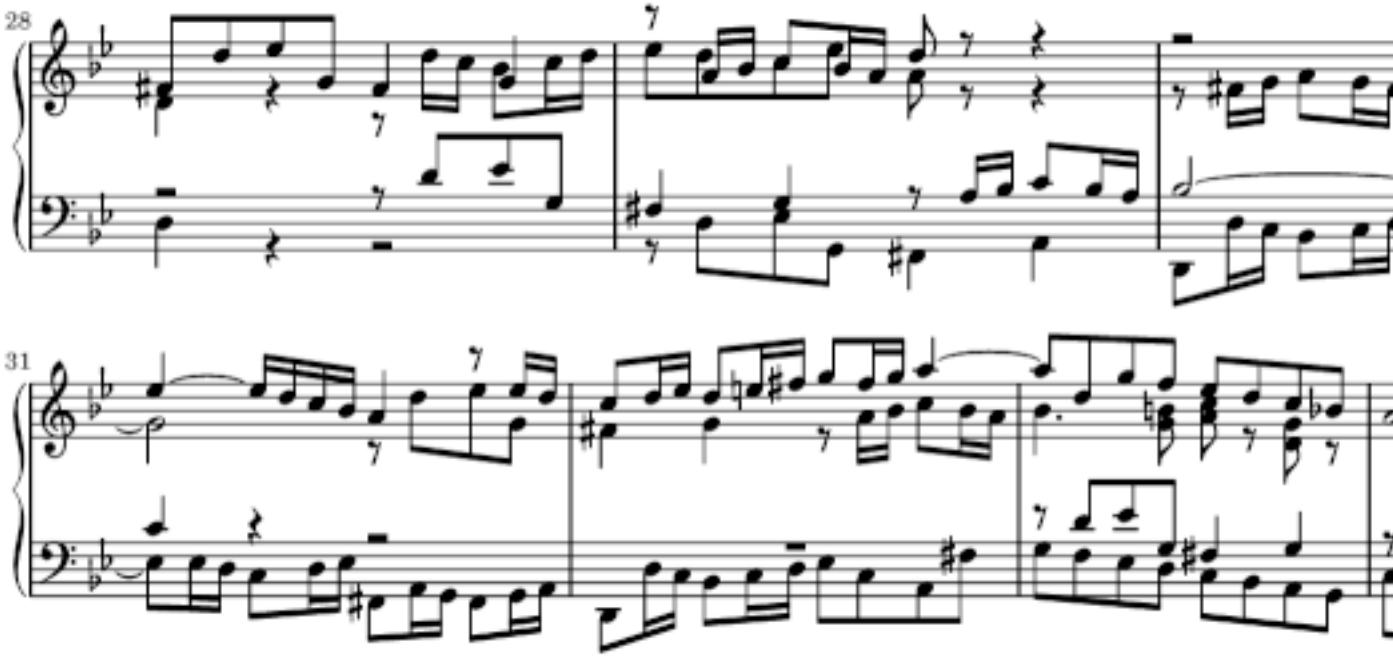
... Notensatz für jedermann



LilyPond ist ein Notensatzsystem. Das erklärte Ziel ist es, Notendruck in bestmöglicher Qualität zu erstellen. Mit dem Programm wird es möglich, die Ästhetik handgestochenen traditionellen Notensatzes mit computergesetzten Noten zu erreichen. LilyPond ist Freie Software und Teil des GNU-Projekts (`https://gnu.org`).

Lesen Sie mehr in der [Introduction], Seite 1!

## Schöner Notensatz




LilyPond ist ein sehr mächtiges und flexibles Werkzeug, das Notensatz unterschiedlichster Art handhaben kann: zum Beispiel klassische Musik (wie in diesem Beispiel von J. S. Bach), komplexe Notation, Alte Musik, moderne Musik, Tabulatur, Vokalmusik, Popmusik, Unterrichtsmaterialien, große Orchesterpartituren, individuelle Lösungen und sogar Schenker-Graphen.

Sehen Sie sich unsere [Beispiele], Seite 4, an und lassen sich inspirieren!

## Neuigkeiten

[Neuigkeiten], Seite 79,

[Neuigkeiten], Seite 79,

[Neuigkeiten], Seite 79,

# Inhaltsverzeichnis

**Einleitung** . . . . . **1**
Eigenschaften . . . . . 1
Beispiele . . . . . 4
Freiheit . . . . . 17
Hintergrund . . . . . 18
Produktionen . . . . . 19
Rezensionen . . . . . 21
Texteingabe . . . . . 25
Leichteres Editieren . . . . . 31

**Download** . . . . . **39**
Quellen . . . . . 40
Alte Downloads . . . . . 41
GPL . . . . . 41

**Handbücher** . . . . . **51**
Einführung . . . . . 52
Glossar . . . . . 52
Aufsatz . . . . . 52
Notation . . . . . 53
Benutzung . . . . . 53
Schnipsel . . . . . 54
FAQ . . . . . 54
Web . . . . . 55
Änderungen . . . . . 55
Erweitern . . . . . 55
Interna . . . . . 56
Alles . . . . . 56
FDL . . . . . 57

**Gemeinschaft** . . . . . **65**
Kontakt . . . . . 65
Minimalbeispiele . . . . . 67
Fehlerberichte . . . . . 68
Helfen Sie uns . . . . . 69
Sponsoren . . . . . 70
Entwicklung . . . . . 70
Google Summer of Code . . . . . 73
Autoren . . . . . 76
Veröffentlichungen . . . . . 78
Neuigkeiten . . . . . 79
Abstellkammer . . . . . 80

# Einleitung

## Unser Ziel



LilyPond entstand, als zwei Musiker über das tote und unbeseelte Aussehen von computererstellten Notendrucken hinausgehen wollten. Musiker wollen schöne Noten lesen, warum also sollten Programmierer kein Programm schreiben können, das schönere Orchesterstimmen setzen kann?

Das Resultat ist ein Programm, das schönen Notensatz erzeugt und dabei der Tradition und dem ganzen Erfahrungsschatz des klassischen Notensatzes folgt. Es kümmert sich programmatisch um alle Feinheiten des Layouts, damit Komponisten, Setzer und Verleger sich auf die *Musik* konzentrieren können. Musiker sollen sich auf das *Spielen* und nicht das *Lesen* der Musik konzentrieren.

## Die Fähigkeiten von LilyPond

- [Eigenschaften], Seite 1: Was kann LilyPond?
- [Beispiele], Seite 4: Ich will Noten sehen!
- [Freiheit], Seite 17: LilyPond ist Open Source.
- [Hintergrund], Seite 18: Unsere Ästhetik des computergestützten Notensatzes.

## LilyPond im Einsatz

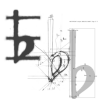
- [Produktionen], Seite 19: Wirkliche Anwendung von LilyPond.
- [Rezensionen], Seite 21: Was sagt man über uns?

## Wie LilyPond funktioniert

- [Texteingabe], Seite 25: Ihr schreibt Noten als *Text*?!
- [Leichteres Editieren], Seite 31: Andere Möglichkeiten, mit LilyPond zu arbeiten.

# Eigenschaften

## Hervorragender klassischer Notensatz



Durch die Benutzung von LilyPond erhalten Sie eleganten Notensatz, der leicht zu lesen ist. Die Entwicklergemeinschaft des Programmes hat tausende von Stunden damit verbracht, ein sehr mächtiges Notensatzprogramm zu entwickeln, dass automatisch schönen Notensatz ausgibt. Alle stilistischen Einstellungen, Schriftartendesign und Algorithmen von LilyPond wurden von den besten handgestochenen Notenbeispielen inspiriert. Die Ausgabe von LilyPond hat das gleiche kraftvolle, ausbalancierte und elegante Aussehen wie die besten gestochenen klassischen Partituren. Dazu mehr in unserem [Aufsatz], Seite 52.

## Texteingabe

### Alles ist explizit

LilyPond verarbeitet Texteingaben, die alle Informationen bzgl. des *Inhalts* ihrer Partitur enthalten und kann leicht durch Menschen oder andere Programme gelesen werden. Es gibt keine in irgendwelchen Menus versteckten Eigenschaften und kein binäres Dateiformat.

Weitere Informationen zu diesem Konzept unter [Texteingabe], Seite 25.

### Optimierungen sind robust und nachvollziehbar

Wenn Sie irgendwelche Layoutänderungen vornehmen, so sind diese Optimierungen für jeden in der Eingabedatei sichtbar und damit sind diese Anpassungen jederzeit nachvollziehbar. Versehentlich eingefügte Fehler können so leicht rückgängig gemacht werden, ohne dabei auf die Gnade einer *Undo* Funktion angewiesen zu sein.

### Textdateien sind wenig fehleranfällig und zukunftssicher

Textdateien sind in Bezug auf Datenverfälschung ausgesprochen robust. Dazu sind sie direkt lesbar und daher jederzeit verständlich, auch ohne die Verwendung des Programms, mit dem sie mal erzeugt wurden.

### Setzen Sie Versionskontrolle zur Verwaltung ihrer Partituren ein

Textdateien eignen sich hervorragend zur Verwaltung durch ein Versionsmanagement System. Machen Sie das und erfahren unendliches und selektives Undo/Redo und erhalten die vollständige Änderungshistorie ihrer Werke. Versionskontrolle erleichtert dazu neue (kollaborative) Arbeitsweisen.

### Benutzbarkeit




### Effektive Layout Einstellungen

Verbringen Sie weniger Zeit damit, den Notensatz nachträglich zu optimieren; LilyPond formatiert die Noten von Anfang an richtig. Die Platzaufteilung und die richtigen Zeilen- und Seitenumbrüche werden von selber errechnet, um ein dichtes und gleichmäßiges Notenbild zu

erzeugen. Zusammenstöße zwischen Gesangstext, Noten und Akkorden werden aufgelöst und alle Bögen sind automatisch richtig gekrümmt!

### Kombinieren Sie Noten und Text

Sie können Notenfragmente in einen Text einfügen, ohne Bilder auszuschneiden und einzufügen. Mit LilyPond lassen sich Noten in LaTeX oder HTML nahtlos einfügen und mit OOoLilyPond (`https://extensions.services.openoffice.org/en/project/OOoLilyPond`) auch in OpenOffice.org und LibreOffice Dokumente integrieren. Es gibt auch Plugins, mit denen LilyPond Code für verschiedene Blogs und Wikis ermöglicht wird, sodass auch eine Zusammenarbeit online möglich wird.

### Barrierefreiheit

Text-basierte Eingabe ermöglicht das Schreiben von Partituren auch für Leute mit schweren physischen Behinderungen. Benutzer mit motorischen Behinderungen, die Tastatur oder Maus nicht benutzen können, können mit einem Spracherkennungsprogramm LilyPond Dateien bearbeiten. Sogar vollkommen blinde Benutzer können mit Screenreader LilyPond-Dateien erstellen – vollkommen unmöglich mit graphisch-basierten Notationsprogrammen.

### Editor Vielfalt

Diverse Entwickler, selbst aktive LilyPond Anwender, haben spezielle Werkzeuge entwickelt um das Editieren von LilyPond Dateien schneller und effizienter zu gestalten; Sie sind nicht auf ein bestimmter Benutzerinterface festgelegt sondern können aus einer Vielzahl unterschiedlicher Werkzeuge wählen. So können sie daheim einen LilyPond Editor mit allem drum und dran verwenden und unterwegs den Minieditor ihres Mobiltelefons. Einige Beispiele finden Sie unter [Leichteres Editieren], Seite 31.

### Erweiterbares Design

### Einfache Verwaltung von Formatvorlagen

Alle Layout Einstellungen an ihre persönlichen typographischen Vorstellungen angepasst werden. Sie können sehr einfach Formatvorlagen schreiben, die buchstäblich jede von LilyPond's Voreinstellungen verändern. So erstellte Formatvorlagen sind ihrerseits wieder Textdateien und können jeweils in einer eigenen Datei abgelegt werden. Das ermöglicht ein extrem einfaches Wechseln zwischen vollkommen unterschiedlichem Notensatz einfach durch Austausch dieser Formatvorlagen. Sie möchten die Partitur auf A4 Papier drucken sowie die Noten mit einem Beamer ein System pro Seite projezieren? LilyPond's Layout Engine erzeugt beides aus ein und derselben Eingabedatei.

### Fügen Sie eigene Funktionen hinzu

Wenn das noch nicht reichen sollte, dann gibt es immer noch die eingebaute Skriptsprache Scheme. Mit ihr kann auf LilyPond's Layout Engine in exakt der gleichen Weise zugegriffen werden, wie LilyPond es intern selbst tut. Es ist damit ein *extrem* mächtiges Werkzeug. Einstellungen, Variablen und Funktionen sind alle im umfangreichen Programm Referenz Handbuch dokumentiert.

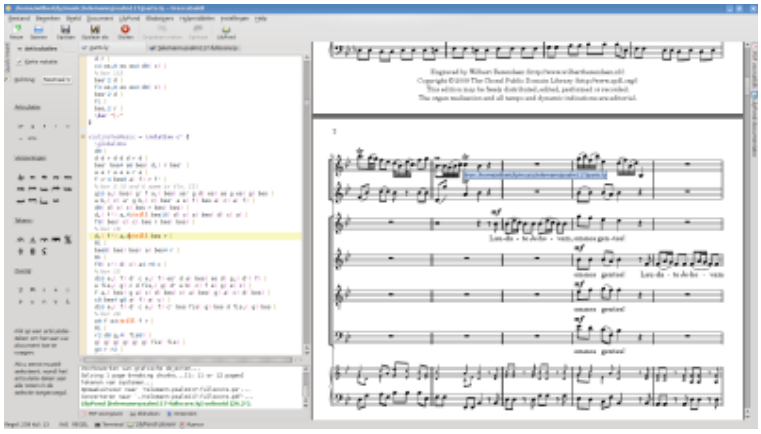
### Verarbeiten Sie Partituren programmgesteuert

LilyPond Eingabedateien können von externen Programmen oder Skripten editiert oder sogar in Gänze erzeugt werden. Das kann z.B. für algorithmisches Komponieren genutzt werden. Oder Sie Verarbeiten den musikalischen Inhalt zu Analysezwecke oder verwalten musikalische Fragmente in einer Datenbank. Die Möglichkeiten sind nur durch ihre Phantasie begrenzt.

### Entwickeln Sie neue Werkzeuge unter Verwendung von LilyPond

LilyPond is kein monolithisches GUI Programm sondern ein Kommandozeilen Progrmm. Daher kann es auch von anderen Programmen verwendet werden. So kann z.B. eine Webanwendung mit LilyPond's Notensatzfähikeiten erweitert werden. Tatsächlich existieren verschiedene Online Werkzeuge, die LilyPond verwenden.

### Umgebung



### Hervorragende Unterstützung

LilyPond gibt es für alle verbreiteten Betriebssysteme: GNU/Linux, MacOS X und Windows. LilyPond hat eine ausführliche Dokumentation und hunderte von Beispieldateien. Es gibt eine aktive Benutzergemeinschaft, die Fragen auf der LilyPond-Mailliste und in einem deutschsprachigen Forum beantwortet, während das Entwicklungsteam es ermöglicht, dass Probleme schnell gelöst werden.

### Freie Software

LilyPond kann ohne jede Bezahlung heruntergeladen werden! Wirklich, es ist vollkommen frei! Holen Sie es sich von der Download-Seite.

Es handelt sich um Freie Software, welche zusammen mit dem Quellcode zur Verfügung gestellt wird – mit der Erlaubnis, zu verändern und zu kopieren. Stören Sie sich an einem Fehler oder brauchen Sie dringend eine neue Funktion? Schreiben Sie sie einfach selber, oder bezahlen Sie jemanden, der es für Sie tut.

### Was jetzt?

Sie sind noch nicht überzeugt? Dann schauen Sie sich einige konkrete [Beispiele], Seite 4, an. Wenn Sie sich bereits entschlossen haben, LilyPond auszuprobieren, lesen Sie zuerst über unsere [Texteingabe], Seite 25.

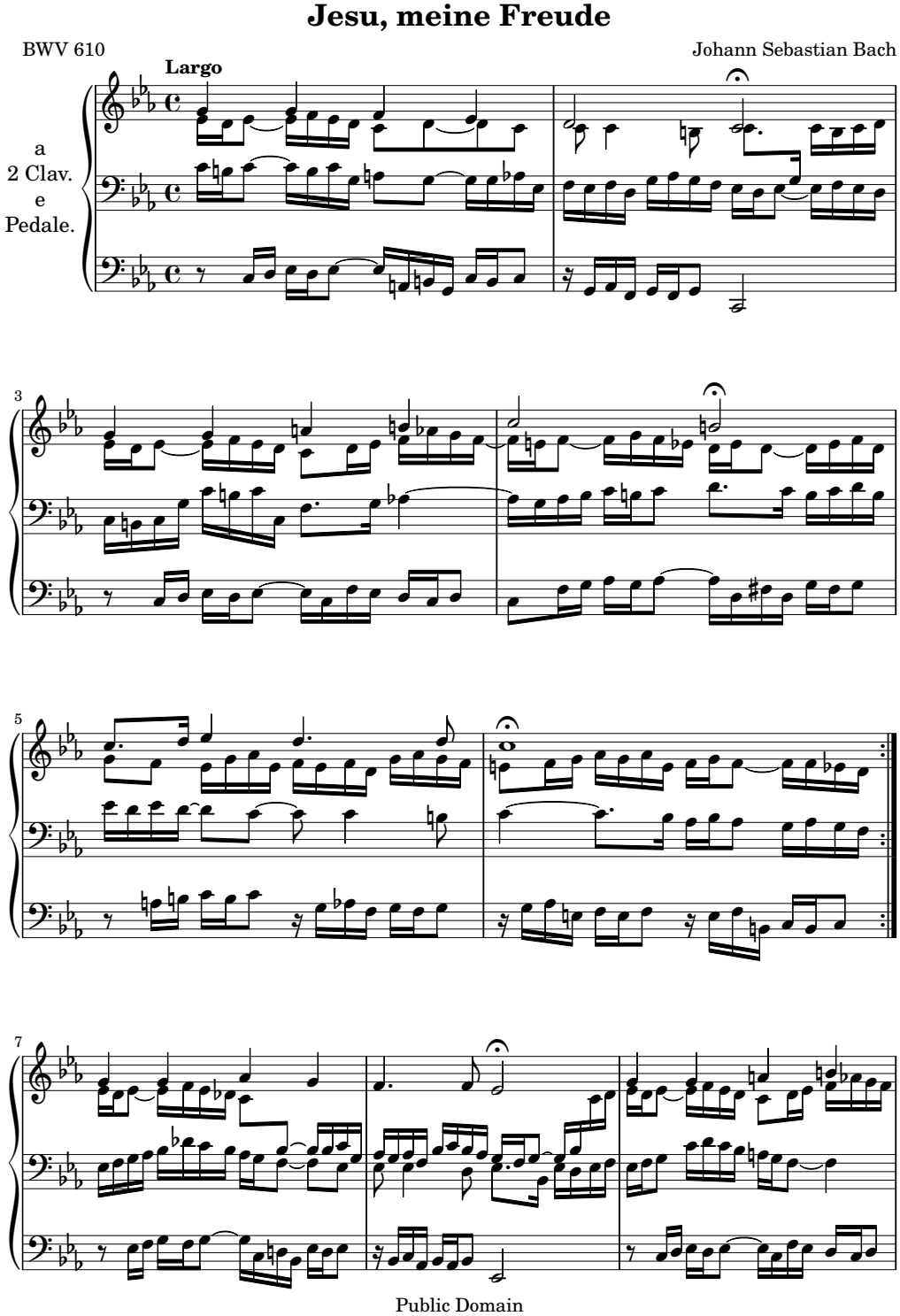
## Beispiele

### Beautiful examples

LilyPond ist ein sehr mächtiges und flexibles Werkzeug, das Notensatz unterschiedlichster Art handhaben kann. Sehen Sie sich unsere Beispiele an und lassen Sie sich inspirieren!

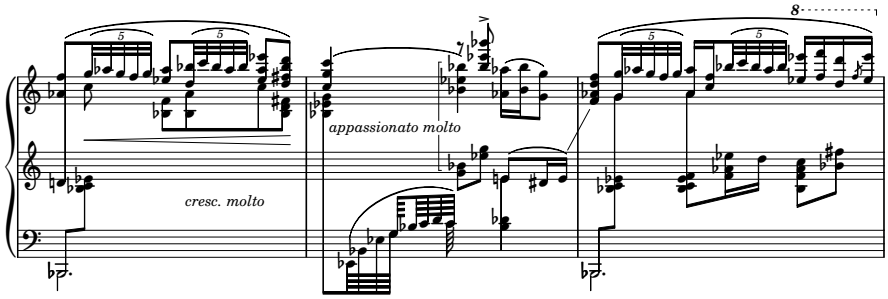
### Klassische Musik

Dieses Orgelpräludium von J. S. Bach ist ein recht typisches Notensatzprojekt mit LilyPond.



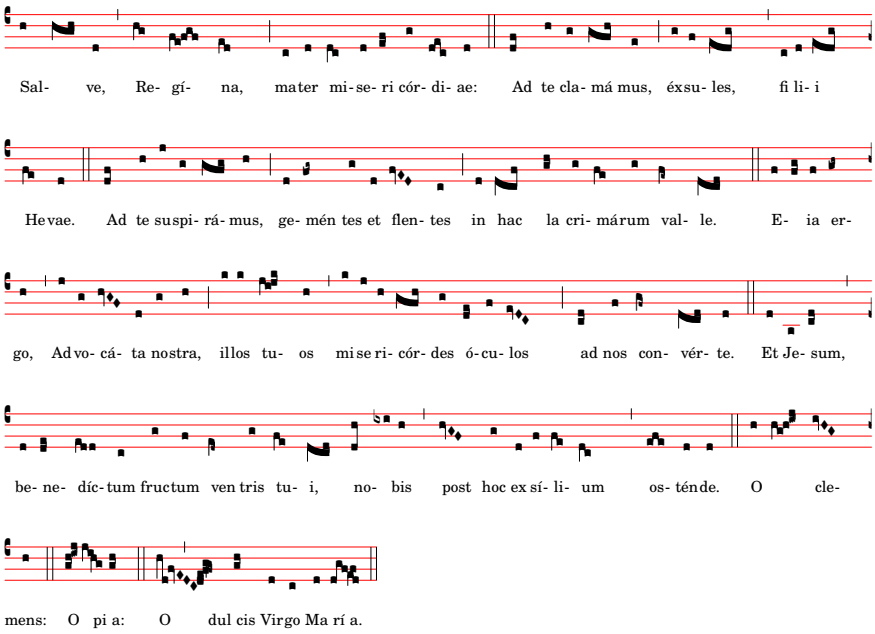

## Komplexe Notation

Dieses Beispiel aus *Goyescas* von Enrique Granados zeigt einige der fortgeschrittenen Notensatzfunktionen, unter Anderem Balken zwischen Notenzeilen, Hälse über die Notenzeilen hinweg und Stimmfolgestriche.



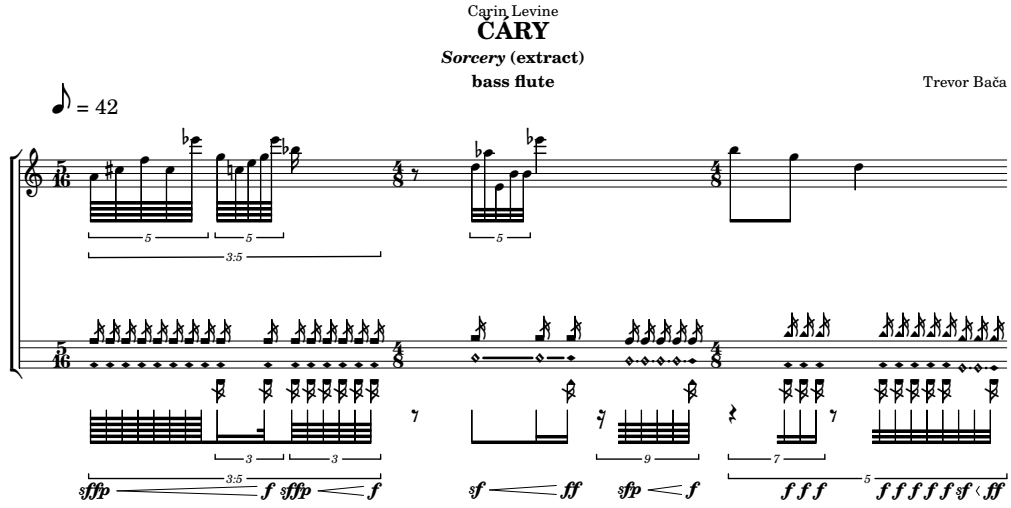

## Alte Musik

LilyPond hat Unterstützung für verschiedene Notationsarten der Alten Musik, wie etwa dieser Abschnitt eines Gregorianischen Chorals.




## Moderne Musik

Zeitgenössische Komponisten werden feststellen, dass LilyPond sich sehr gut dazu eignet, außergewöhnliche Notation darzustellen. Hier ein Ausschnitt aus *Čáry* von Trevor Bača für Bassflöte Solo.




## Effiziente, flexible Erstellung von Aufführungsmaterial

Verschiedenes Aufführungsmaterial kann aus dem selben Quellcode erstellt werden. Hier ein Ausschnitt aus Händels *Giulio Cesare*, gesetzt von Nicolas Sceaux (`https://editions-nicolas-sceaux.fr/`), als Partitur, Klavierauszug und eine Geigenstimme.

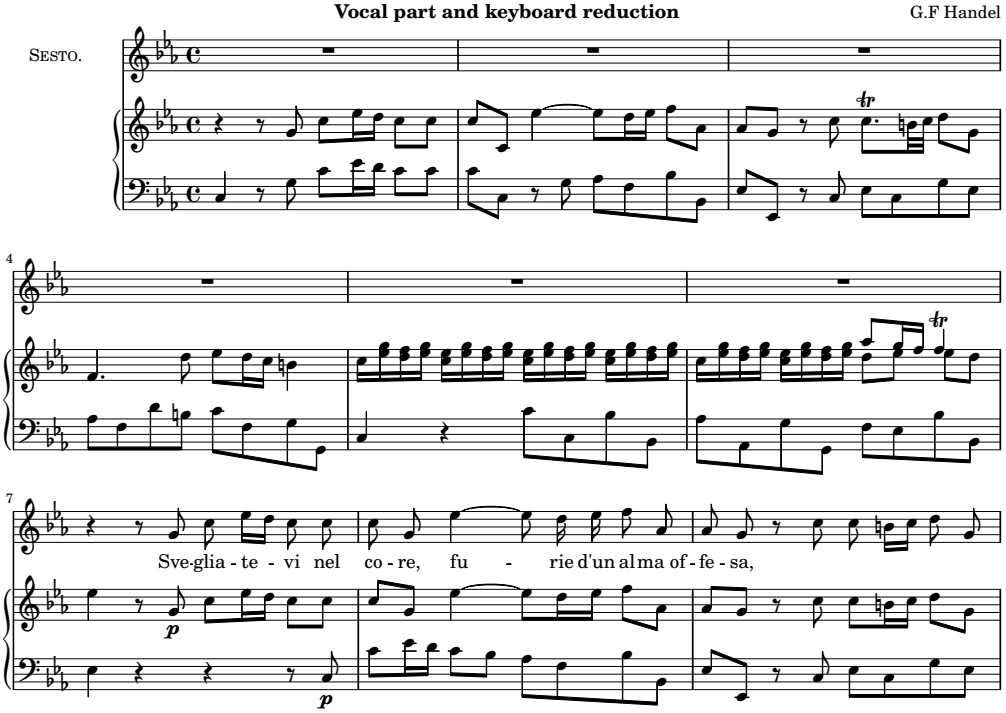

Giulio Cesare in Egitto
Sesto: Svegliatevi nel core, furie d'un alma offesa (excerpt)
G.F Handel
Violino I.
Violino II.
Sesto.
Bassi.
Svegliate-vi nel core, fu - rie d'un alma offesa,

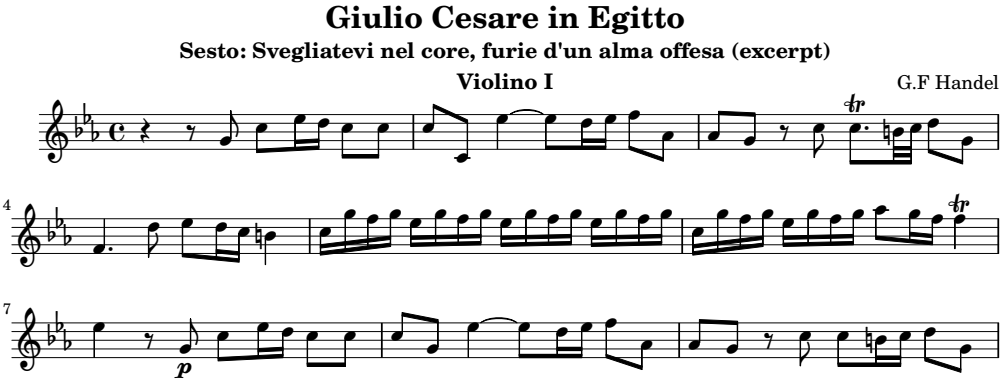
**Giulio Cesare in Egitto**

**Sesto: Svegliatevi nel core, furie d'un alma offesa (excerpt)**

**Vocal part and keyboard reduction**

G.F Handel

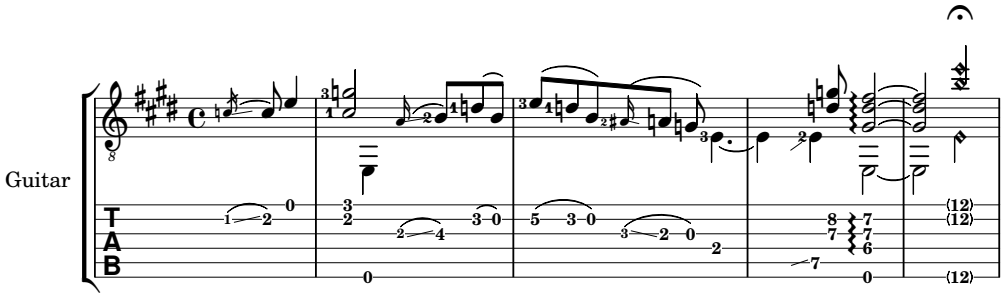







## Tabulatur

LilyPond unterstützt Tabulatur-Notation, die an ein beliebiges Instrument angepasst werden kann, dass Tabulatur-Notation einsetzt. Das Tabulatur-System wird automatisch anhand der Noten erstellt, die man für das fünflinige Notensystem notiert hat.

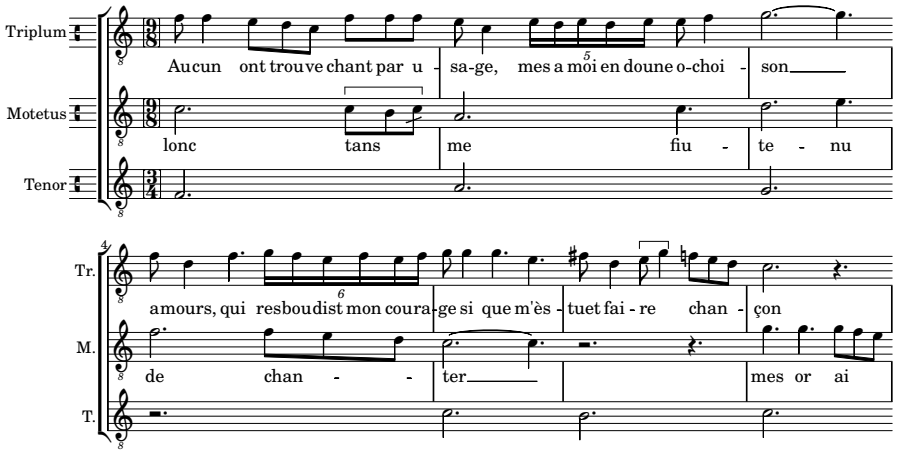



LilyPond v2.26.0

## Vokalmusik

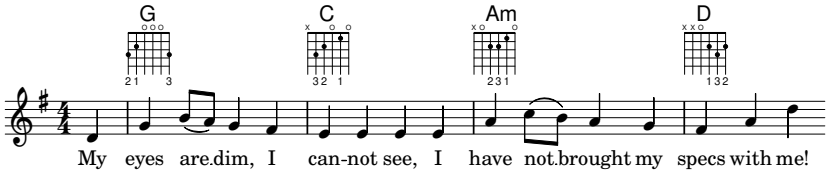
LilyPond eignet sich hervorragend, um Vokalmusik aller Arten zu notieren, von Hymnen bis zu einer Oper. Hier eine mittelalterliche Motette mit geringfügig speziellen Anforderungen. Die Tenorstimme ist in einer anderen Taktart als die anderen Stimmen geschrieben, wird aber an den

anderen Stimmen ausgerichtet, als ob sie die gleiche Taktart hätte. LilyPond kann damit sehr elegant umgehen. Beachten Sie auch die Incipite mit Schlüsseln im Vaticana-Stil, durchgestrichene Notenhälse für plicierte Noten und Ligaturklammern über bestimmten Notengruppen.



## Popmusik

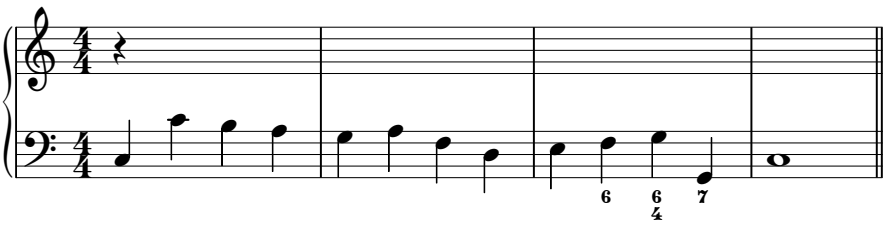
Es ist einfach, ein Liedblatt mit Melodie, Text und Akkorden sowie Griffsymbolen zu erstellen. In diesem Beispiel sind einige der vordefinierten Griffdiagramme eingesetzt, aber sie können vollständig angepasst werden, um fast jeder Situation gerecht zu werden.



## Anwendung in der Musikerziehung

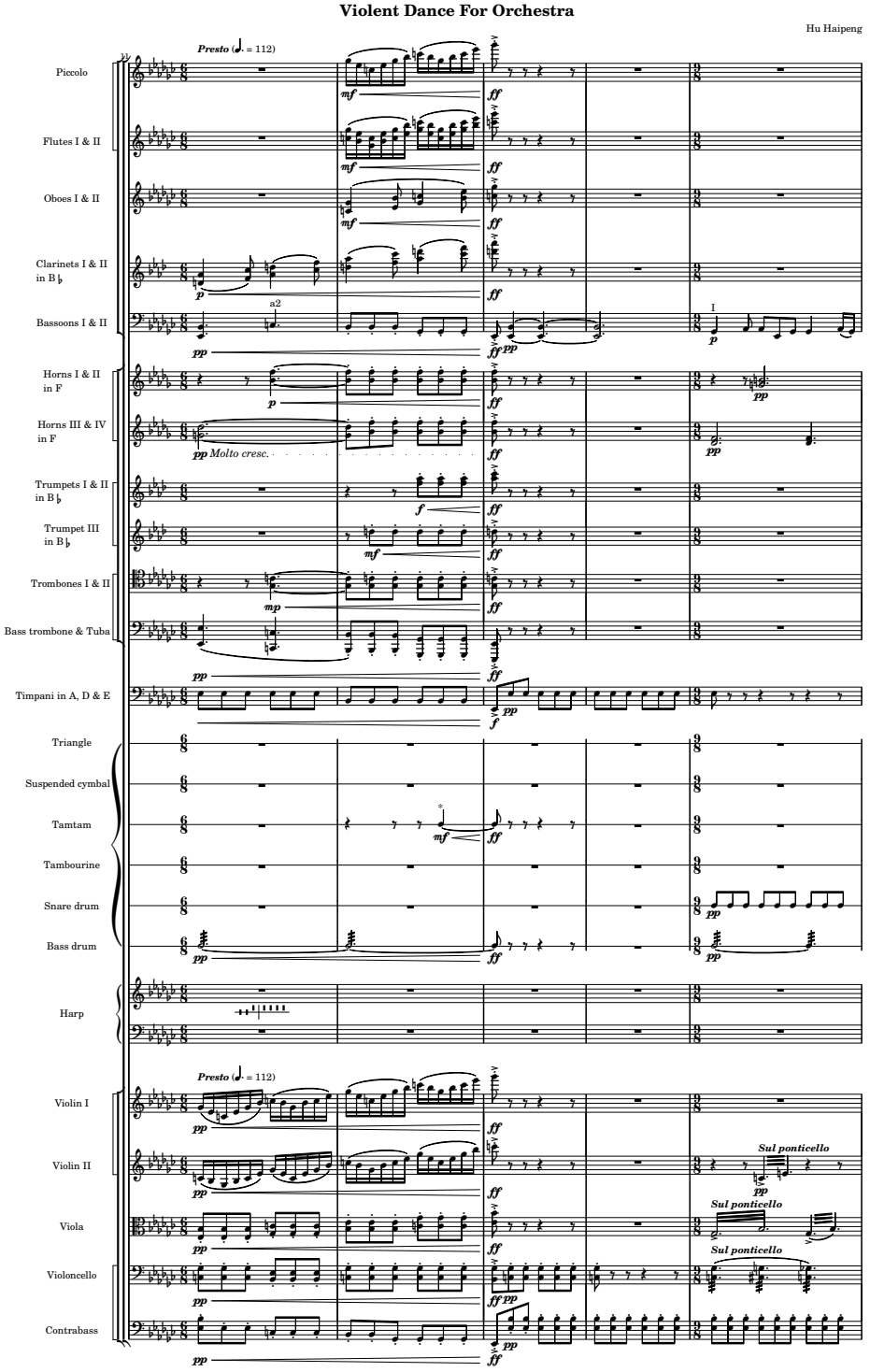
LilyPond eignet sich perfekt für eine Anwendung in der Musikerziehung. Hier ein Beispiel einer einfachen Kontrapunktaufgabe.

Exercise 3: Write 8th notes against the given bass line.



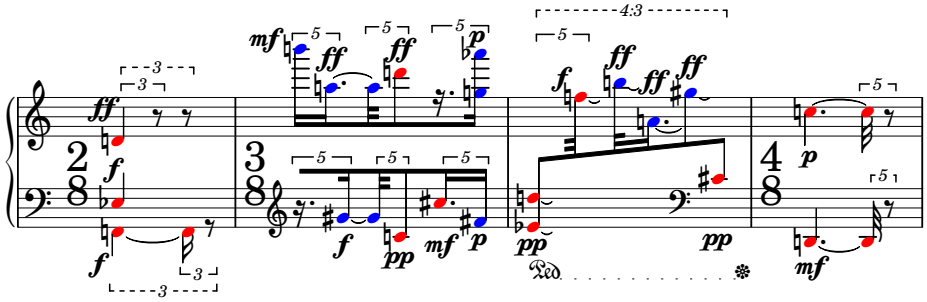
## Große Projekte

LilyPond eignet sich großartig für große Projekte wie Opern oder Werke für großes Symphonieorchester. Zusätzlich ermöglicht die texbasierte Eingabe größere Barrierefreiheit – das folgende Beispiel wurde von Hu Haipeng, einem blinden Komponisten, zur Verfügung gestellt.



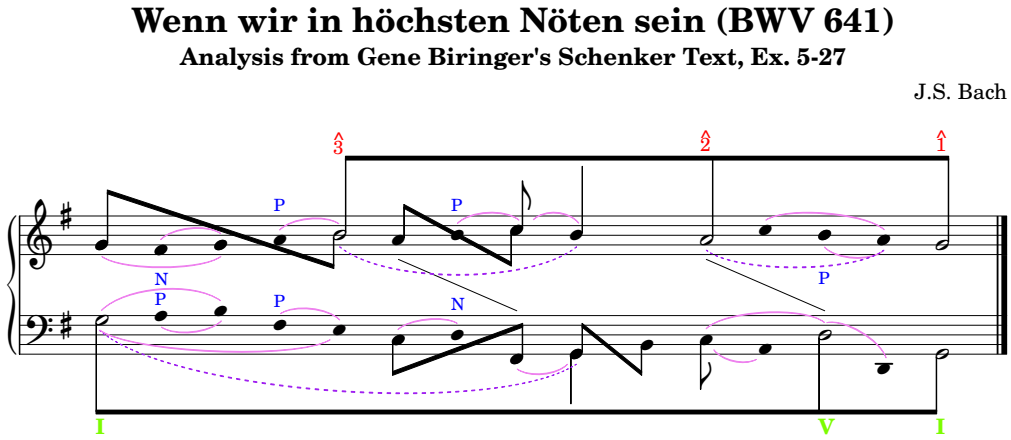
### Individuelle Ausgabe

Ein kurzer Auszug aus Stockhausen's Klavierstück II zeigt die Fähigkeiten von LilyPond eine individuelle Ausgabe zu erzeugen.



### Schenker-Graphen

Das Standardnotenbild kann sehr stark verändert werden. Hier eine eindrucksvolle Schenker-Analyse, von Kris Schaffer mit LilyPond erstellt für einen Artikel im Linux Journal (`https://www.linuxjournal.com/article/8364` ). Die Farben wurden zur Verdeutlichung hinzugefügt.




### Was jetzt?

Noch immer nicht überzeugt? LilyPond ist Open Source und garantiert Ihnen [Freiheit], Seite 17. Wenn Sie sich schon entschlossen haben, LilyPond auszuprobieren, lesen zuerst über unsere [Texteingabe], Seite 25.

## Freiheit

### Freie Software

GNU (`https://www.gnu.org/`) LilyPond wird von einer Gemeinschaft von Enthusiasten geschrieben und unterhalten. Es wird unter der [GPL], Seite 41, und der [FDL], Seite 57, herausgegeben, sodass jeder die Freiheit hat, Fehler zu verbessern, das Programm zu ändern oder zu erweitern. Es sollte nicht hunderte Euro kosten, ein Programm zum erstellen schönen Notensatzes zu erwerben.

### Was für einen Nutzen haben die Anwender?

- Keine Kosten: Laden Sie das Programm und probieren Sie es. Was haben Sie zu verlieren?
- Teilen: wenn Sie das Programm gut finden, können Sie Ihren Freunden, Lehrern, Studenten oder Kollegen eine Kopie weitergeben!
- Quellcode vorhanden: wenn es Sie interessiert, wie LilyPond eine bestimmte Notation erstellt, können Sie genau verfolgen, wie das Programm vor sich geht.
- Erweiterbar: Sie können Eigenschaften hinzufügen, Fehler verbessern und die Funktionalität ändern. Wenn Sie kein Programmierer sind, können Sie jemanden anstellen, der diese Aufgabe für Sie übernimmt.

  Das wird sich vielleicht für den gelegentlichen Musiker nicht nach einem Vorteil anhören, aber die Möglichkeit, ein Programm zu erweitern kann sich als sehr wertvoll für ernsthafte Komponisten, Notenverlage und Wissenschaftler erweisen.
- Sicherheit für die Zukunft: Wenn eine Firma bankrott geht, was geschieht dann mit den elektronischen Noten, die von ihren Programmen abhängen? Diese Sorge brauchen Sie nicht mit LilyPond haben: auch wenn das gesamte Entwicklerteam auf einmal aufhören würde (was sehr unwahrscheinlich ist), gibt es das Programm doch immer noch legal im Internet, um es weiterzubenutzen, zu verändern oder zu kopieren.

### Warum „geben“ die Entwickler von LilyPond ihre Arbeit umsonst her?

Die meisten sehen die Entwicklungsarbeit an LilyPond als ein Hobby oder freiwillige Arbeit. Man müsste also eigentlich fragen: „Warum machen Leute etwas freiwillig“?

- Spaß: auf ein Ziel hinzuarbeiten kann sehr begeistern, besonders wenn man im Team arbeiten kann.
- Die gleichen Ziele: wir alle wollen schön gesetzte Noten, aber nur wenige Leute haben Fähigkeiten (und niemand die Zeit), um ein Programm zu schreiben, dass alle Situationen meistern kann. Aber indem wir zusammen arbeiten – einer verbessert die Form der Bögen, ein anderer verbessert den Code für die automatischen Balken und ein dritter schreibt die Dokumentation, wie diese Eigenschaften genutzt werden können – können wir unser Ziel erreichen, sodass jeder nur einen Bruchteil der Zeit aufbringt, die ein einzelner bräuchte.
- „Geschenkkultur“: Die Free Software (oder „Open Source“) Bewegung hat viele großartige Programme hervorgebracht, wie etwa GNU/Linux (`https://www.gnu.org/distros/`), Mozilla Firefox (`https://www.getfirefox.com/`) und Battle for Wesnoth (`https://www.wesnoth.org/`). Als Dank für den Nutzen, den sie von solchen Projekten erhalten haben, wollen manche Entwickler der Gemeinschaft „etwas zurück geben“.
- Arbeitserfahrung: zu einem freien Softwareprojekt beizutragen ist eine gute Weise, sich im Programmieren, Schreiben und Übersetzen von Dokumentation oder Design zu üben. Diese Übung hat einigen Entwicklern geholfen, Arbeitsangebote oder Stipendien zu erhalten.

### Was jetzt?

Noch immer nicht überzeugt? Lesen Sie unseren ausführlichen Aufsatz über unsere Notensatzphilosophie in [Hintergrund], Seite 18. Wenn Sie sich schon entschlossen haben, LilyPond auszuprobieren, lesen zuerst über unsere [Texteingabe], Seite 25.

## Hintergrund

### Aufsatz zu den Hintergründen

Wir haben einen ausführlichen Aufsatz geschrieben, der die Computerästhetik beschreibt: die Kunst, Schönheit mit dem Computer zu erstellen.

Darin beschreiben wir ausführlich unsere grundlegenden Ideen. Wegen seines Umfangs liegt er als eigenständiges ‚Handbuch' vor. Wenn Sie ihn jetzt lesen wollen, gehen sie zu [Aufsatz], Seite 52. Wenn Sie indessen lediglich an einer kurzen Einführung in LilyPond interessiert sein sollten, dann können sie das auch auf später verschieben.

### Was jetzt?

Noch immer nicht überzeugt? Lesen Sie über einige der [Produktionen], Seite 19, unserer Benutzer und schauen Sie sich die Noten an. Wenn Sie sich schon entschlossen haben, LilyPond auszuprobieren, lesen zuerst über unsere [Texteingabe], Seite 25.

## Produktionen

### Produktionen die LilyPond verwenden

Hier lesen Sie von Leuten, die LilyPond in ihren realen Produktionen einsetzen, sei es für Aufführungen ihrer Musik oder zur Erzeugung der druckreifen Veröffentlichungen. Die Liste ist beschränkt auf Arbeiten, die urheberrechtlich nicht geschützt oder unter offenen Lizenzen veröffentlicht sind.

### Auftritte und Konzerte

LilyPond-Notensatz wurde für verschiedene Aufführungen rund um die Welt eingesetzt. Einige Highlights:

- Marc Hohl hat musikalische Stücke für Kinder und Heranwachsende geschrieben. Gesetzt mit LilyPond (und LaTeX) und kostenfrei verfügbar von `https://www.singspielschmiede.de/`, alle Stücke wurden an der Schule aufgeführt, an der Marc arbeitet.
- Aurélien Bello (`https://www.aurelienbello.com/`) hat Richard Strauss's *Der Rosenkavalier* für vier Sänger und dreizehnstimmiges Kammerorchester arrangiert. Hierbei handelt es sich um eine Auftragsarbeit der Berliner Philharmoniker, deren Mitglieder dieses Werk am 2. und 6. April 2015 (`http://www.festspielhaus.de/veranstaltung/der-kleine-rosenkavalier-02-04-2015-1100/`) im Festspielhaus Baden-Baden sowie am 26.April 2015 (`https://www.berliner-philharmoniker.de/konzerte/kalender/details/21070/`) in der *Philharmonie (großer Saal)* Berlin zur Aufführung brachten. Wir sind hocherfreut. daß derart hochrangige Musiker aus mit LilyPond gesetzten Noten spielen – uns wurde berichtet, sie sind mit den Noten sehr zufrieden.

  Aurélien hat ebenfalls *Der Ring des Nibelungen* von Richard Wagner zu einer 100-minütigen Fassung für Kinder (`http://www.rsb-online.de/content/konzerte/wagnerzyklus-10-13/wagner-fuer-kinder/index_ger.html`). neu orchestriert. Geschrieben für ein Standard Sinfonie Orchester jedoch mit verkleinertem Sängerensemble wurde das Werk vom *Radio-Sinfonieorchester Berlin* im April 2014 im Atze Musiktheater Berlin aufgeführt. Der Dirigent war Heiko Matthias Förster.

  Eine weitere Neu-Orchestrierung von Aurélien war Mussorgsky's *Bilder einer Ausstellung* welche er auch dirigierte für die Junge Philharmonie Brandenburg (`https://junge-philharmonie-brandenburg.de/`) im Jahr 2011 und nochmals 2012.
- Joe Smeets hat die Noten für das Kinderbuch *Zing Mee* (*Sing' mit*) von Annie M.G., erschienen bei Querido – ISBN 9789045106205: www.queridokinderenjeugdboeken.nl (`http://www.queridokinderenjeugdboeken.nl/web/Boek.htm?dbid=18954&typeofpage=134707`) gesetzt; Chornoten für die Holländische Übersetzung von Benjamin Britten's *Saint Nicolas*, aufgeführt vom *Muziektheater Hollands Diep* in 2011; www.muziektheaterhollandsdiep.nl (`http://www.muziektheaterhollandsdiep.nl/nl/voorstellingen/sint_nicolaas_leeft`). Er hat ebenfalls die Partitur und Einzelstimmen für ein Arrangement von Mussorgsks *Boris Godunov* für Bläserquartett, Klavier und

Schlagzeug verfasst. Es wurde ebenfalls durch das *Muziektheater Hollands Diep* in 2014 aufgeführt.

Joe hat auch die Chorprobenpartituren für die niederländische Übersetzung von Benjamin Brittens *Saint Nicolas* geschrieben, welche 2011 vom *Muziektheater Hollands Diep* aufgeführt wurde, siehe www.muziektheaterhollandsdiep.nl (https://muziektheaterhollandsdiep.nl/?s=sint+nicolaas+leeft).

- Luca Rossetto Casel (https://unito.academia.edu/LucaRossettoCasel), verfasste für seine Doktorarbeit eine kritische Fassung von Tommaso Traettas *Enea nel Lazio (1760)*, Opernzyklus in vier Teilen, Libretto von Vittorio Amedeo Cigna-Santi: Teil Eins (https://www.academia.edu/1987651/Enea_nel_Lazio_opera_riformata_prima_lazione_poi_le_parole_-_Partitura_1_4_) Teil Zwei (https://www.academia.edu/1994533/Enea_nel_Lazio_opera_riformata_prima_lazione_poi_le_parole_-_Partitura_2_4_) Teil Drei (https://www.academia.edu/1994558/Enea_nel_Lazio_opera_riformata_prima_lazione_poi_le_parole_-_Partitura_3_4_) Teil Vier (https://www.academia.edu/1996242/Enea_nel_Lazio_opera_riformata_prima_lazione_poi_le_parole_-_Partitura_4_4_)
- Kieren MacMillan (https://www.kierenmacmillan.info/), Komponist und Musikdirektor von vielen Werken; *Go Thy Way*, aufgeführt von den Salt Lake Choral Artists (https://www.saltlakechoralartists.org/) im Jahr 2012; die *Just Out of Reach Suite*, aufgeführt vom Chrysalis Duo (https://www.herald-dispatch.com/news/marshall/x1883873762/Music-duo-Chrysalis-to-perform-at-Marshall-University-on-Jan-19); und *thrafsmata* im Jahr 2011 aufgeführt vom Pittsburgh New Music Ensemble (http://www.pnme.org/CurrentSeason/PreviousSeasons.html).
- Mike Solomon (https://www.mikesolomon.org) war der Gewinner von 172 Kompositionen aus 22 Ländern für den 2011 Left Coast Composition Contest (https://www.leftcoastensemble.org) mit seinem Werk *Anonymous Student Compliment or Complaint*.

  Andere Werke von Mike beinhalten *Norman (age 1)* für Soloklarinette, aufgeführt auf dem Electroacoustic Music Festival (FEMF) der University of Florida (https://arts.ufl.edu/academics/music/) im Oktober 2010.
- Thomas Griffin, Musikwissenschaftler (Rom, Italien), bearbeitete eine moderne Edition der *Serenata Erminia* von Alessandro Scarlatti. Aufgeführt im Jahr 2010 in der Gallerie des Palazzo Zevallos Stigliano in Neapel, Italien, zur Feier des 350. Geburtstages des Komponisten. Siehe http://www.ascarlatti2010.net.
- Nicolas Sceaux (https://editions-nicolas-sceaux.fr/) setzte das Werk von Lullys *Armide*, aufgeführt im Jahr 2009 von Mercury Baroque (https://www.mercuryhouston.org/).

  Nicolas setzte außerdem instrumentale Ausschnitte von Rameaus *Hippolyte et Aricie*, aufgeführt von Frederick Renz und seinem Ensemble in der St. James Church in Manhattan im Jahr 2009. Siehe Early Music New York (https://www.earlymusicny.org/)
- Valentin Villenave (https://valentin.villenave.net/) setzte ein Libretto aus *Affaire étrangère*, eine Oper von Lewis Trondheim (https://en.wikipedia.org/wiki/Lewis_Trondheim), uraufgeführt im Jahr 2009 in der Opéra National de Montpellier (https://www.opera-orchestre-montpellier.fr/).

## Publizierte Noten

## Notenbibliotheken

- Mutopia-Projekt (https://www.mutopiaproject.org), mit über 2000 Stücken klassischer

Musik zum freien Download, ist die beste Werbung für LilyPond. Jedes Stück kommt mit Quelldateien für LilyPond, zum Lernen von anderen Setzern und für eigene Editionen.

- baroquemusic.it (`https://www.baroquemusic.it/`), gestartet in 2005, sammelt über 800 Stücke von Barockmusik. Das Archiv enthält Partituren, Einzelstimmen und MIDI-Dateien, bereitgestellt unter einer Creative Commons Lizenz und verfügbar nur für Abonnenten.
- Partitura Organum (`https://partitura.org/`) ist eine wachsende Sammlung von Orgelstücken ohne Urheberschutz, gesetzt mit LilyPond und bereitgestellt unter einer Creative Commons Lizenz.
- Clairnote (`https://clairnote.org/`) bietet freie Musiknoten in Clairnote-Notation. Clairnote ist ein alternatives Notationssystem mit dem Ziel, Lesen und Verständnis von Musik zu vereinfachen. Die Partituren auf der Webseite sind aus Mutopia und anderen Onlinequellen entnommen und dann in Clairnotes eigene Notation umgewandelt worden.
- Ebersberger Liedersammlung (`https://ebersberger-liedersammlung.de/`), eine Sammlung von rund 240 gemeinfreien Liedern (die meisten davon mit deutschem Text), alle mit LilyPond gesetzt.

### Quellen für Notensatz

- Mutopia-Projekt repository (`https://github.com/MutopiaProject/MutopiaProject/`): Quelldateien für alle Stücke in der Mutopia-Bibliothek.
- LilyPond Webseiten-Beispiele (`https://git.savannah.gnu.org/cgit/lilypond.git/tree/Documentation/ly-examples`): Quelldateien für die Beispielgallerie in [Beispiele], Seite 4.
- Nicolas Sceaux (`https://github.com/nsceaux/nenuvar`): Noten für Barockmusik gesetzt mit LilyPond von einem der Entwickler.

Sollten Sie hier die Erwähnung von Konzerten oder Noten vermissen, dann teilen Sie uns dies bitte mit. Die Anleitung dazu finden Sie unter [Fehlerberichte], Seite 68.

### Was jetzt?

Immer noch nicht überzeugt? Lesen Sie einige der [Rezensionen], Seite 21, unserer Benutzer. Wenn Sie sich schon entschlossen haben, LilyPond auszuprobieren, lesen zuerst über unsere [Texteingabe], Seite 25.

## Rezensionen

### Was sagen Andere über LilyPond?

### Publizierte Artikel

- April 2011

  Linux Magazine (`https://www.linux-magazine.com`) publiziert einen Atikel mit dem Titel Projects on the Move (`https://www.linux-magazine.com/content/download/61706/482546/version/1/file/088-090_projects.pdf`). Es es eine Einleitung zu MuseScore, LilyPond and Chordii. Die Authorin Carla Schroder schreibt „LilyPond wird von der Kommandozeile aus gesteuert, aber lassen Sie sich nicht davon abschrecken, dass es keine graphische Oberfläche gibt: LilyPond ist benutzerfreundlich und leicht zu erlernen“ und zeigt einige praktische Beispiele.
- Mai 2010

  Peter Kirn publiziert auf der Create Digital Music-Webseite einen LilyPond-Test (`https://createdigitalmusic.com/2010/05/14/`

lilypond-free-beautiful-music-notation-engraving-for-anyone/). Er nimmt einen gerechten Standpunkt in Bezug auf die Benutzbarkeit ein, lobt die hohe Qualität des LilyPond-Notensatzes und fordert dazu aus, das Programm einmal auszuprobieren.

- September 2009

  Die deutsche LinuxUser-Zeitschrift schrieb einen Artikel über LilyPond (https://www.linux-community.de/Internal/Artikel/Print-Artikel/LinuxUser/2009/10/Digitaler-Notenschluessel).

- August 2009

  Ann Drinan präsentiert auf der Polyphonic.org (https://iml.esm.rochester.edu/polyphonic-archive/article/the-role-of-the-orchestra-librarian-as-music-copyist/)-Webseite Kommentare von zwei Orchsterbibliothekaren, die sich über die Benutzung von Software zur Unterhaltung ihrer Bibliotheken unterhalten.

- June 2009

  In einem Artikel (https://web.archive.org/web/20110325004849/http://news.lilynet.net/Free-Music-Now) in der Jahreszeitschrift der *National Conservatory Parent Association* erklärt der französischer Komponist und LilyPond-Mitarbeiter Valentin Villenave wie freie Lizenzen und insbesondere mit LilyPond gesetzte Partituren dazu beitragen, dass notierte Musik allen zugänglich gemacht wird.

- Februar 2008

  In Artikeln auf seiner Homepage (http://www.musicbyandrew.ca/finale-lilypond-1.html) vergleicht Andrew Hawryluk Finale und LilyPond generell und ermittelt detailliert die Notensatzfähigkeiten beider Programme. Der zweite Artikel ist eine informative Analyse des Notensatzes von Rachmaninoffs Klavierprelude 6, mit einem Vergleich einer handgestochenen Edition.

- Juni 2006

  DistroWatch (https://distrowatch.com) erteilt LilyPond einen Preis und schreibt writes (https://distrowatch.com/weekly.php?issue=20060605) „Ladies and Gentleman, we are pleased to announce that, based on readers' requests, the DistroWatch May 2006 donation has been awarded to LilyPond (€ 190.00) and Lua (US$250.00).“

- Dezember 2005

  Linux Journal (https://linuxjournal.com) veröffentlicht einen Artikel unter dem Titel Make Stunning Schenker Graphs with GNU LilyPond (https://www.linuxjournal.com/article/8364). Es handelt sich um einen tiefgehenden, aber sehr praktischen Artikel mit gestochen scharfen LilyPond-Graphiken. Der Autor Kris Shaffer merkt an: »GNU LilyPond erstellt schöne Graphik, die kommerzielle Alternativen als zweite Wahl erscheinen lassen.«

- 20. August, 2005

  Die belgische Zeitung De Standaard untersucht, was die Autoren von Freier Software antreibt in dem Artikel Delen van KENNIS zonder WINSTBEJAG (https://www.standaard.be/Artikel/Detail.aspx?artikelId=G42H5GD6) (Non-profit-Teilen von Wissen) in ihrer 'DS2 bijlage'. LilyPond wird als Beispiel benutzt und der Artikel ist unterteilt durch Auszüge aus einem E-Mail-Interview mit Jan Nieuwenhuizen. Hiermit erscheint LilyPond gleichzeitig das erste Mal in der großen gedruckten Presse.

- Juni 2005

  Ein französischer Artikel über LilyPond Version 2.6 erscheint auf linuxfr.org (https://linuxfr.org/2005/06/27/19210.html).

- Oktober 2004

  Die Redakteure von Computer!Totaal, einer holländischen Computerzeitschrift, beschreiben LilyPond (https://lilypond.gitlab.io/static-files/media/computer-totaal.jpeg) in der Ausgabe Oktober 2004 als: „Wunderbare freie (Open Source) Software [...] Die Partituren von LilyPond sind ausnahmslos schön [...] ein sehr mächtiges System das fast alles tun kann.“
- Juli, August 2004

  Dave Phillips schrieb einen Einleitungsartikel für das Linux Journal (https://linuxjournal.com): At the sounding edge: LilyPond, Teil eins (https://www.linuxjournal.com/article/7657) und zwei (https://www.linuxjournal.com/article/7719).
- März 2004

  Chris Cannam interviewte (https://www.all-day-breakfast.com/cannam/linux-musician/lilypond.html) Han-Wen Nienhuys und Jan Nieuwenhuizen auf linuxmusician.com (ursprüngliche Seite funktioniert nicht mehr). Das Interview wurde auch in einer slashdot Story (http://slashdot.org/article.pl?sid=04/03/13/2054227&tid=) besprochen.
- Februar 2004

  Der Jazz-Sänger Gail Selkirk schreibt über Diving into LilyPond (http://www.songbirdofswing.com/editorial_page/lilypond/). „... man kann Liedblätter oder volle Orchesterpartituren erstellen, und das Ergebnis kann einen erstaunen.“ Computer Music Special (http://www.computermusic.co.uk/), Nummer CMS06.

## Empfehlungen von Benutzern



### Carter Brey (https://www.nyphil.org/about-us/artists/carter-brey/), Erstes Cello, New York Philharmonic

„... Ich habe einige Zugabestücke für Solo-Cello geschrieben und mit LilyPond gedruckt. Sie sollen bei Schirmer herausgegeben werden. Ich bin mir sicher, dass ihre eigene Version nicht halb so scharf gestochen ist wie meine!“



### Orm Finnendahl (https://icem-www.folkwang-uni.de/~finnendahl/), Kompositionsprofessor, Hochschule für Musik und Darstellende Kunst Frankfurt am Main

„Auch wenn ich [LilyPond] noch nicht sehr gut kenne, bin ich schon außerordentlich beeindruckt. Ich habe das Programm benutzt, um eine Motette von Josquin Desprez in Mensuralnotation

zu notieren. Es steht außer Frage, dass LilyPond in der Geschwindigkeit, Einfachheit in der Benutzung und Notensatz alle anderen Notationsprogramme leicht überholt.“



### Darius Blasband (`https://www.dariusblasband.com/`), Komponist (Brüssel, Belgien)

„[Nach der ersten Orchesterprobe] wurde die Qualität meiner Notenblätter immer wieder gelobt. Und das, obwohl ich keine der vielen Möglichkeiten in Anspruch genommen hatte, den Satz zu verbessern. Was ich dem Orchester ausgeteilt habe, war im Grunde die rohe, unveränderte LilyPond-Version.“

### Kieren MacMillan (`https://www.kierenmacmillan.info/`), Komponist (Toronto, Kanada)

„Anerkennung und Dank an das Entwicklungsteam für ihre unglaubliche Arbeit. Ich habe noch nie etwas gesehen, das dem Satz nahekommt, den ich mit LilyPond erhalte. Ich bin vollkommen überzeugt, dass meine Publikationsanforderungen über alle Erwartungen erfüllt werden, da ich dieses Programm verwenden kann. [. . .] sozusagen unveränderter Notensatz von LilyPond [. . .] sieht besser aus als alle ‚professionellen‘ Publikationen der letzten Zeit, mit denen ich ihn verglichen habe (so ungefähr alle Warner Bros.-Noten und sogar viele der ‚traditionellen Notenhäuser‘). [. . .] “

„Das sollen erstmal Finale/Sibelius/Igor/usw. erreichen!!!!“

### Chris Cannam, ehemaliger Chefprogrammierer des RoseGarden (`https://www.rosegardenmusic.com/`)-Projekts

„LilyPond ist offensichtlich der Super-Gorilla [des Notensatzes].“

### Chris Snyder, Adoro Music Publishing

„Die Art, in der die Noten mit LilyPond eingegeben werden, lässt mich musikalischer denken – es gab Zeiten, wenn ich vergeblich versucht habe, LilyPond zu erklären, wie etwas in Noten gesetzt werden soll, nur um festzustellen, dass, auch wenn ich es genauso hinkriegen würde, wie der Komponist es wollte, die Noten trotzdem sehr unklar zum Lesen sein würden. LilyPond macht es für mich sehr viel einfacherer, in meiner Doppelrolle als Editor und Notensetzer zu arbeiten.“

„Ich habe LilyPond ausschließlich für meine startende Notendruckfirma benutzt. So gut wie ohne Ausnahme waren alle Komponisten hingerissen von der Qualität des Notensatzes, wenn ich ihnen die Korrekturfahnen ihrer Musik gezeigt habe. Ich verdiene selber auch einen Teil dieses Lobes, denn ich habe viel Zeit damit verbracht, die Ausgabe zu verändern, insbesondere die Bindebögen von Akkorden – aber LilyPond gibt einen wunderbaren Punkt zum Beginnen, eine sehr intuitive Schnittstelle und die Möglichkeit, absolut alles zu verändern, wenn ich mir nur die Zeit nehme. Ich bin überzeugt, dass kein kommerzielles Produkt dem auch nur nahe kommen kann.“

### David Bobroff, Bassposaunist, Iceland Symphonieorchester

„Ich finde LilyPond einfach toll [. . .] Je mehr ich darüber lerne, desto mehr mag ich es!“

### Vaylor Trucks (`https://www.brotherandsister.band/meet-the-band`), E-Gitarrenspieler (Ja, verwandt mit (`https://www.allmanbrothersband.com/`))

„Ich bin total beeindruckt von LilyPond [. . .]“

„DAS IST DAS BESTE PROGRAMM ALLER ZEITEN!!!“

„Vielen, vielen Dank an euch alle für die harte Arbeit und die Hingabe!“

### Nicolas Sceaux (`https://editions-nicolas-sceaux.fr/`), Mutopia (`https://www.mutopiaproject.org/`)-Mitarbeiter

„Ich hatte so eine Hassliebe zu ihm entwickelt. Liebe, weil das erste Notenblatt, das ich gesehen hatte, so gut aussah. Die Beschreibung lügt, wenn es um die Schönheit von LilyPond geht – das ist viel zu bescheiden! [. . .] da LilyPond immer besser wird und ich mich mehr damit auseinander setze, wie Sachen in Scheme gemacht werden, habe ich viel weniger Frustrationen. Auf jeden Fall wollte ich sagen: Danke, dass ihr LilyPond anbietet, es ist wirklich toll!“

### Werner Lemberg (`https://www.moz.ac.at/de/personen/dirigieren-chor-blasorchesterleitung/werne`) Senior Lecturer am Mozarteum Salzburg und herausragender GNU-Hacker

„Überhaupt macht LilyPond saubere Arbeit!“

### Paul Davis, Entwickler von JACK (`https://jackaudio.org/`) und Ardour (`https://www.ardour.org/`)

„Ich finde, [LilyPond ist] ein außerordentliches Programm, und es erreicht wunderschöne Ergebnisse. Als ich im letzten Jahr ein Interview darüber gelesen habe, habe ich verschiedenen Freunden über sein Potential gepredigt.“

### Dr. Mika Kuuskankare, Komponist und Autor des Expressive Notation Package (ENP)

„Ich habe eine große Achtung vor LilyPond und denen, die es geschrieben haben, denn ich weiß aus eigener Erfarhung, wie schwierig solch ein Programm sein kann.“

### David Cameron (`https://camerondh.blogspot.com`), Musiker, professioneller Notensetzer und lange Zeit Score-Benutzer

„Den allergrößten Dank an alle, die zu diesem Projekt beitragen. Ich habe SCORE für einen großen Musikverlag in den 90er Jahren sehr intensiv benutzt, aber jetzt sehe ich, dass LilyPond es mir endlich ermöglicht, genau das Aussehen des Notendrucks zu erreichen, das ich will, besonders wenn es sich nicht um "Standardlösungen" handelt.“

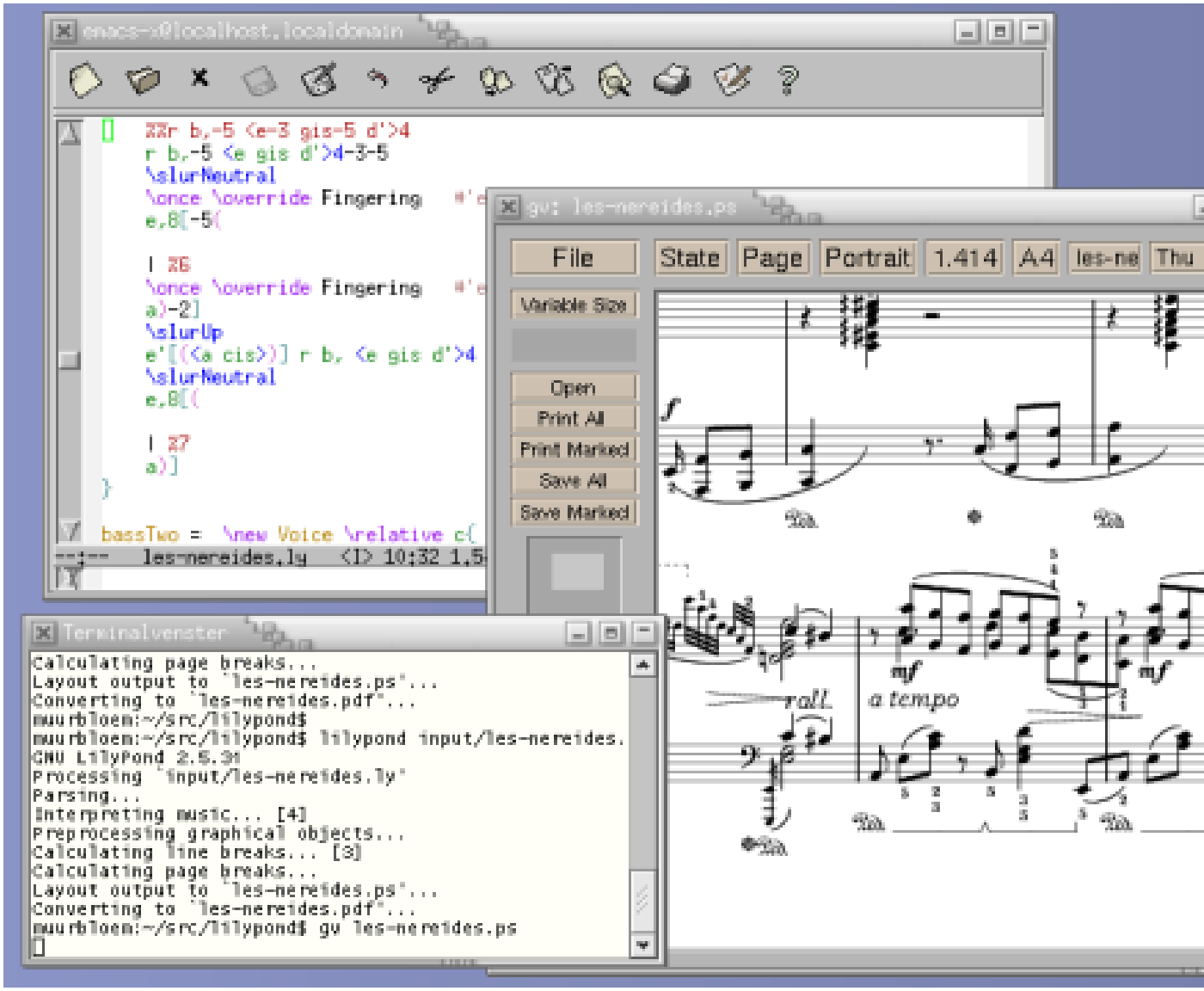
Sollten Sie hier die Erwähnung von news articles or testimonals vermissen, dann teilen Sie uns dies bitte mit. Die Anleitung dazu finden Sie unter [Fehlerberichte], Seite 68.

### Was jetzt?

Lesen Sie über unsere [Texteingabe], Seite 25.

## Texteingabe

## Musik „kompilieren“




LilyPond ist ein *kompiliertes* System: es wird über eine Text-Datei gestartet, die die Noten beschreibt. Die resultierende Ausgabe wird am Bildschirm betrachtet oder ausgedruckt. In einer bestimmten Beziehung ist LilyPond eher eine Programmsprache als ein graphisches Notensatzprogramm.

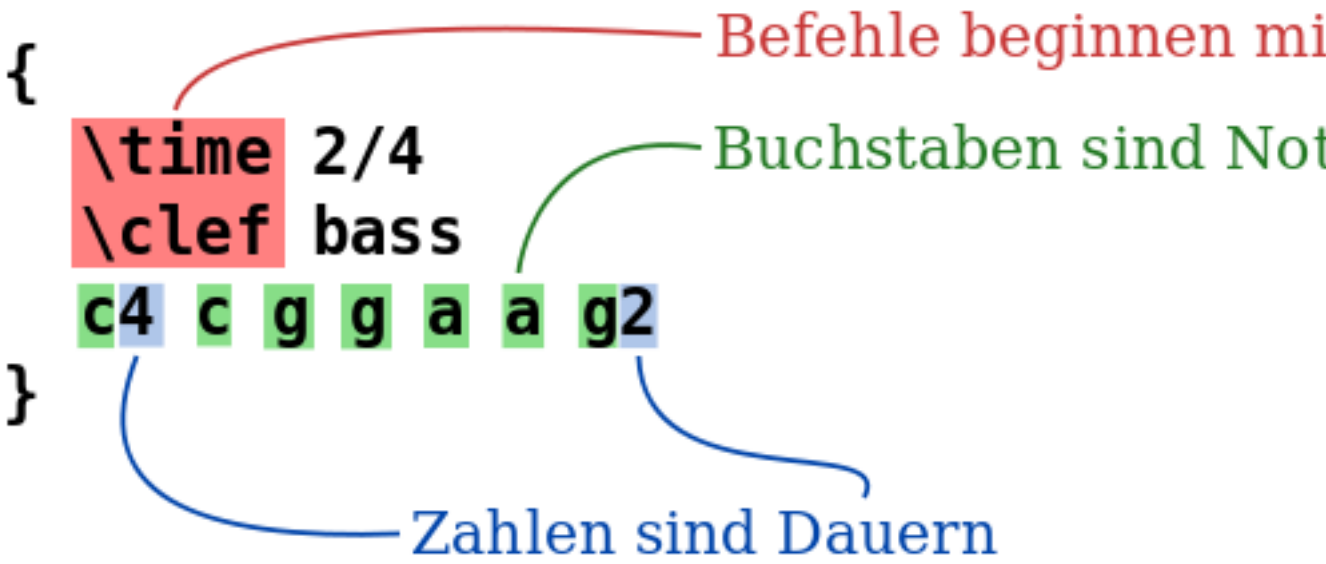
Man schreibt die Noten nicht, indem man Notensymbole von einer graphischen Leiste zieht und auf einem sich dynamisch immer wieder erneuernden Notensystem platziert. Anstatt dessen schreibt man Text. Dieser Text wird von LilyPond interpretiert (oder „kompiliert“) und dabei schön aussehender Notensatz produziert.

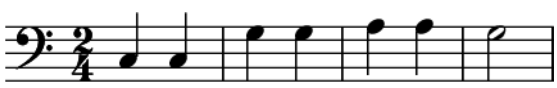
Leute, die an das graphische Notensetzen gewöhnt sind, können eine Weile brauchen, um die neue Arbeitsweise zu lernen, aber das Resultat macht den Aufwand wett.

**Achtung:** Wir zeigen einen kurzen Überblick über unsere Texteingabe – es ist nicht so kompliziert, wie es sich anhört. Machen Sie sich keine Sorge, wenn Sie nicht jedes Detail der Beispiele verstehen. In unserer Dokumentation für Anfänger werden alle Einzelheiten sehr viel ausführlicher behandelt.

### Es ist so einfach wie A B C

Noten werden durch Buchstaben und Zahlen kodiert. Besondere Kommandos werden mit einem Backslash eingegeben.



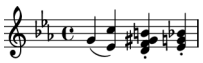
Versetzungszeichen werden durch verschiedene Endungen hinzugefügt: `-is` nach der Note setzt ein Kreuz, `-es` dagegen ein b (– das sind die deutschen Endungen, Endungen in anderen Sprachen sind auch möglich). LilyPond entscheidet selber, wo es die Versetzungszeichen platziert.

```
\relative c'' {
  \key c \minor
  g(
  <ees c'>)
  <d f gis b>-.
  <ees g bes>-.
}
```

Artikulationszeichen hinzufügen

-es für b, -is für Kreuz hinzufügen

Für Akkorde Tonhöhen mit < > umgeben



### Popmusik

Akkorde und Liedtext können einfach zu einem Lead Sheet kombiniert werden.

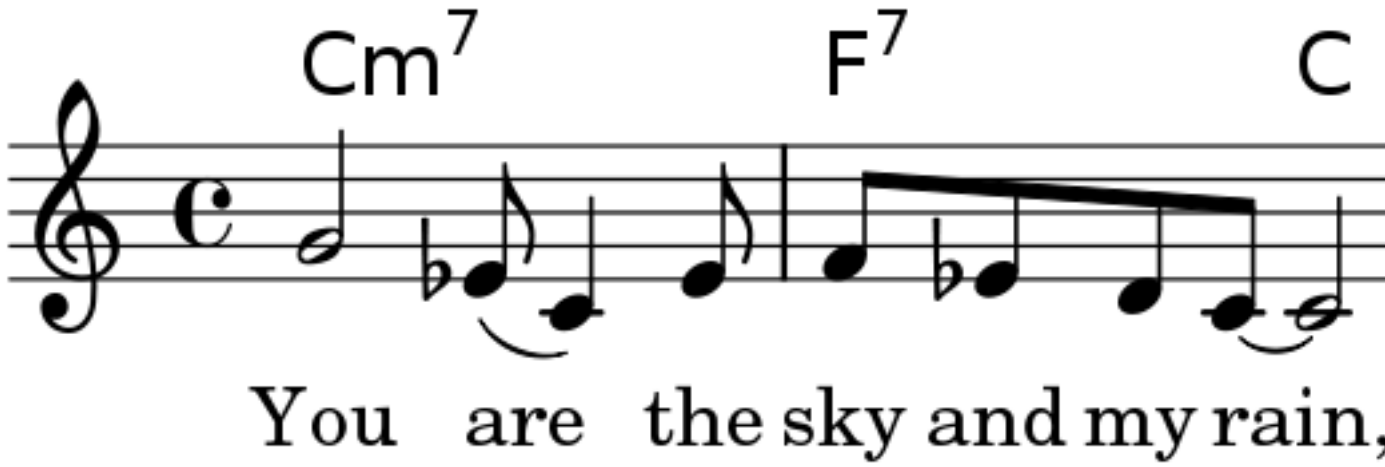
```
<<
  \chords {
    c1:m7 f2:7 c2
  }
  \relative c'' {
    g2 es8( c4) es8
    f8 es d c~ c2
  }
  \addlyrics {
    You are
    the sky and my rain,
  }
>>
```

Akkordbezeichnungen notieren

Melodie notieren

Gesangstext eingeben

Melodie und Text kombinieren




### Orchesterstimmen

Die Eingabedatei enthält die Noten eines Stückes. Partitur und Stimmen können aus einer einzigen Eingabe-Datei erstellt werden. Wenn man eine Note verändert, findet sich die Veränderung also gleichzeitig in der Stimme und der Partitur wieder. Damit die Noten mehrfach verwendet werden, sollten sie einer Variablen zugewiesen werden:

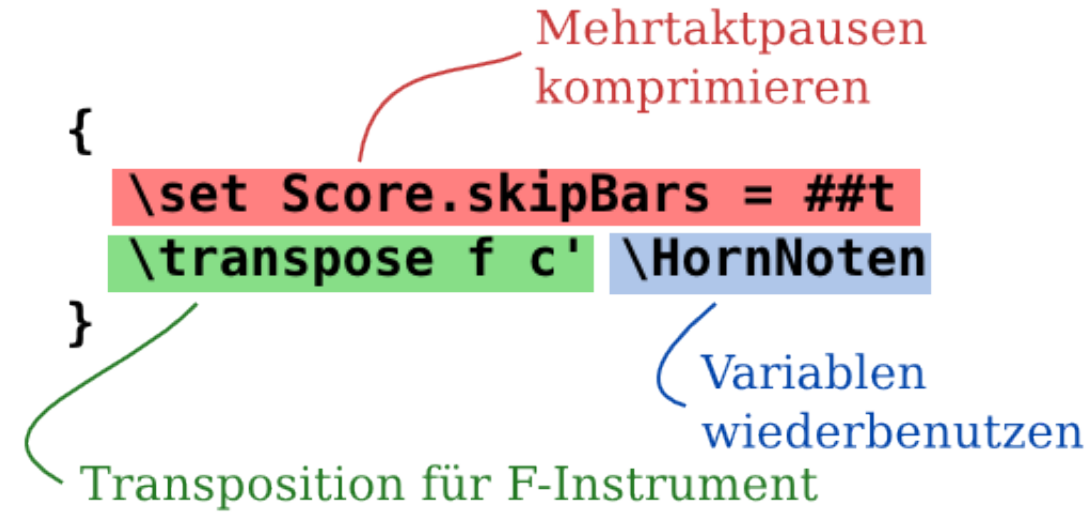
```
HornNoten =
\relative c {
  \time 2/4
  R2*3
  r4 f8 a cis4 f e d
}

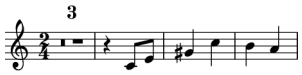
FagottNoten =
\relative c {
  \clef bass
  r4 d,8 f gis4 g b bes
  a8 e f4 g d gis f
}
```

Mehrtaktpause eingeben

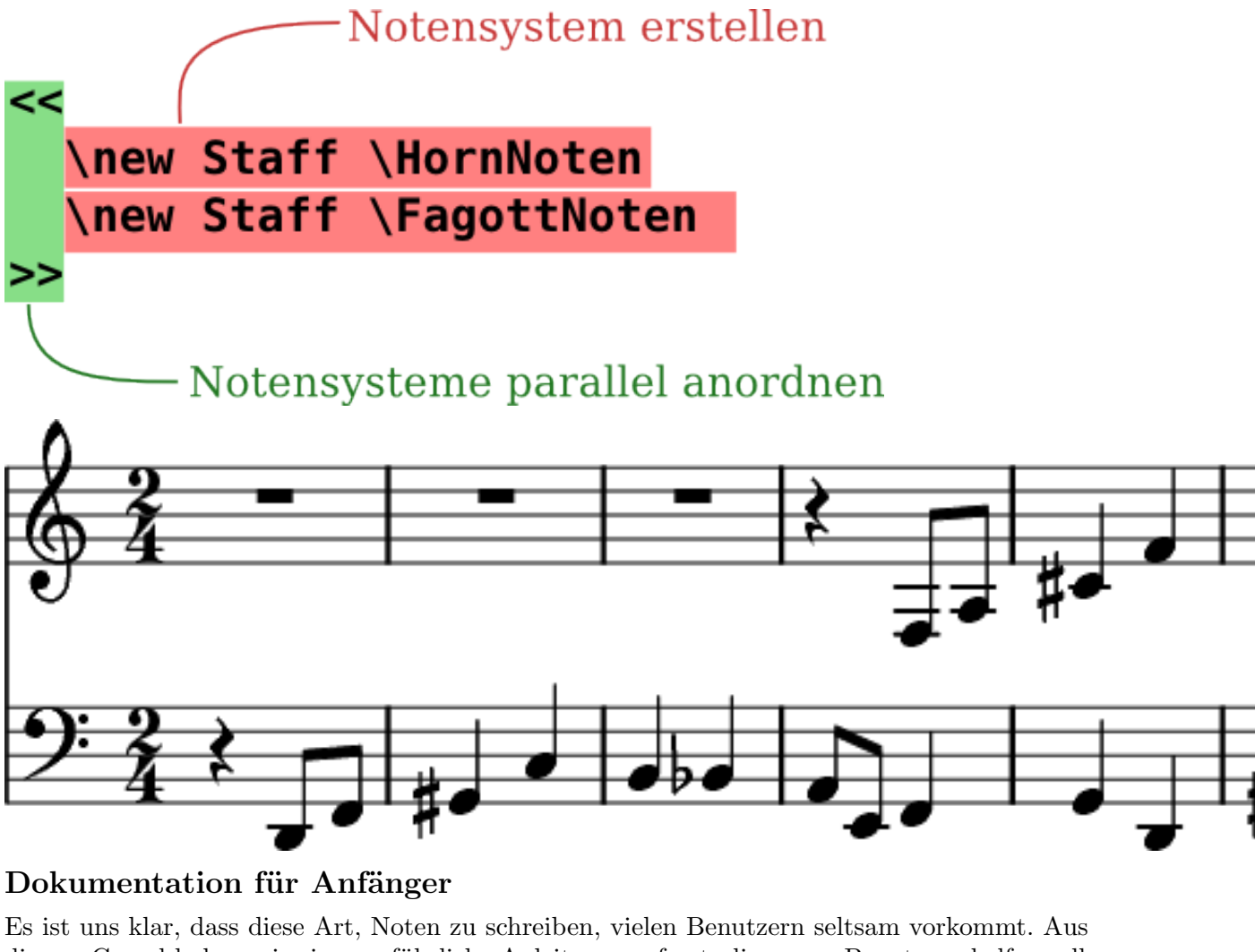
Noten in einer Variable speichern

Mit dieser Variable kann dann eine Einzelstimme erstellt werden (hier transponiert, die Pausen sind zusammengezogen):




Die gleiche Variable wird dann in der Partitur benutzt (hier in der Originaltonhöhe):




### Dokumentation für Anfänger

Es ist uns klar, dass diese Art, Noten zu schreiben, vielen Benutzern seltsam vorkommt. Aus diesem Grund haben wir eine ausführliche Anleitung verfasst, die neuen Benutzern helfen soll.

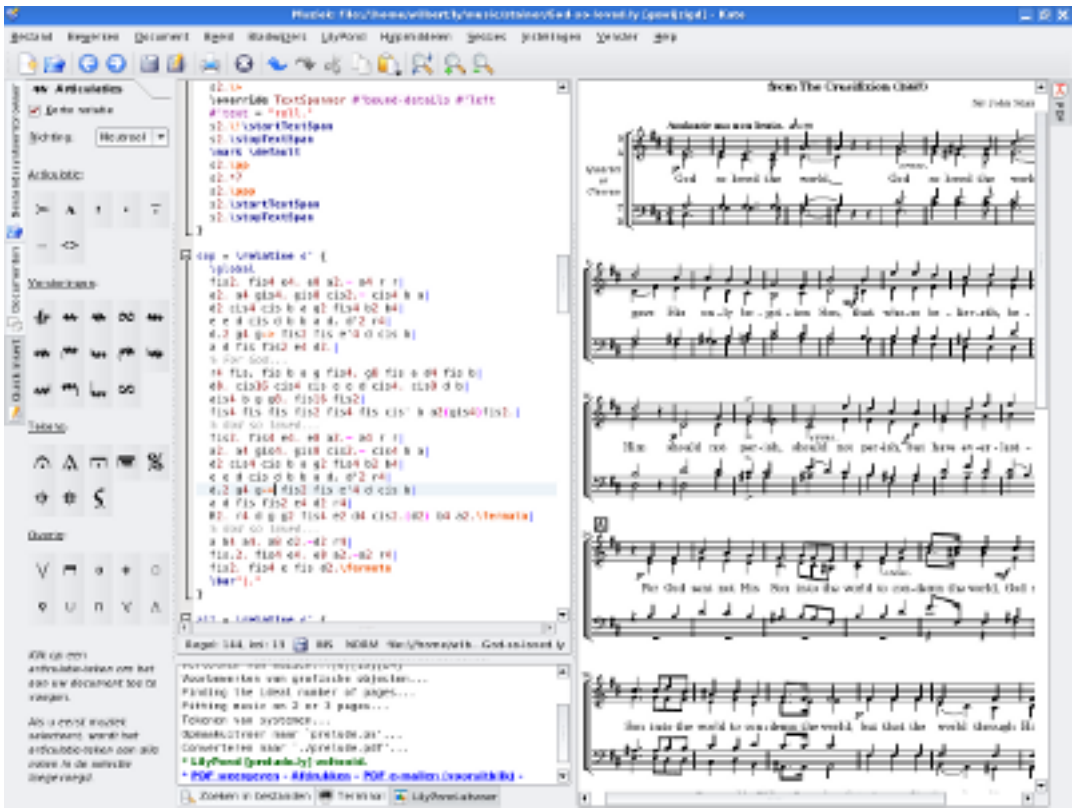
Man sollte mit der [Einführung], Seite 52, beginnen. Das Handbuch zum Lernen funktioniert als Einführung und Beginn für das Arbeiten mit LilyPond; hier werden viele Fragen beantwortet, bevor man sie überhaupt stellen konnte!

Bisweilen sind Meulinge von manchen Verhaltensweisen von LilyPond unnötig verwirrt. Bitte lesen Sie dieses Handbuch bevor Sie anzweifeln, daß LilyPond fehlerfrei arbeitet.

Weitere Information findet sich unter [Handbücher], Seite 51,

Der LilyPond Anwender Ben Lemon hat eine ganze Reihe von Video Tutorials (`https://benl.xyz/lilypond/operation-lilypond`) in seinem Blog hinterlegt, die sich speziell an Neulinge wenden.

### Einfachere Editionsumgebungen



LilyPond kümmert sich vor allem darum, Noten in bester Qualität zu setzen – das Programmieren einer graphischen Benutzeroberfläche (GUI) würde uns nur von dieser Aufgabe ablenken. Es gibt dennoch andere Projekte, deren Ziel es ist, LilyPond-Dateien zu erstellen.

Einige Editionsumgebungen beinhalten Syntaxhervorhebung, automatische Vervollständigung und vorgefertigte Vorlagen. Andere Programme stellen tatsächliche eine GUI zur Verfügung, mit der man graphisch eine Partitur editieren kann. Mehr Information finden Sie unter [Leichteres Editieren], Seite 31.

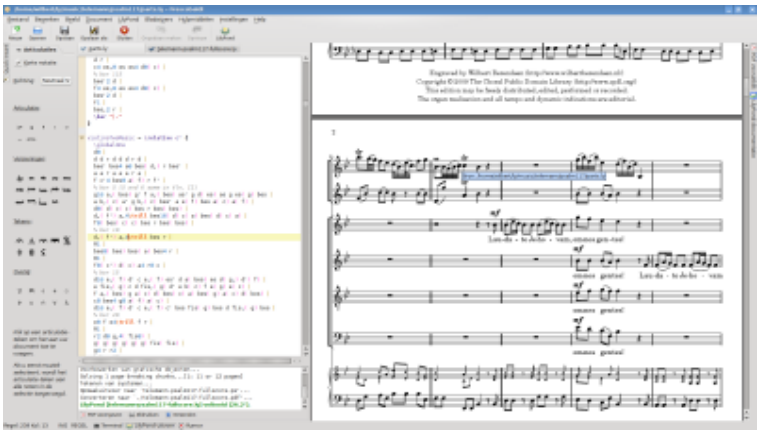
### Was jetzt?

Sie sind jetzt bereit, [Download], Seite 39. Sind Sie immer noch nicht überzeugt? Lesen Sie [Leichteres Editieren], Seite 31.

## Leichteres Editieren

### Front-end Applications

## Frescobaldi





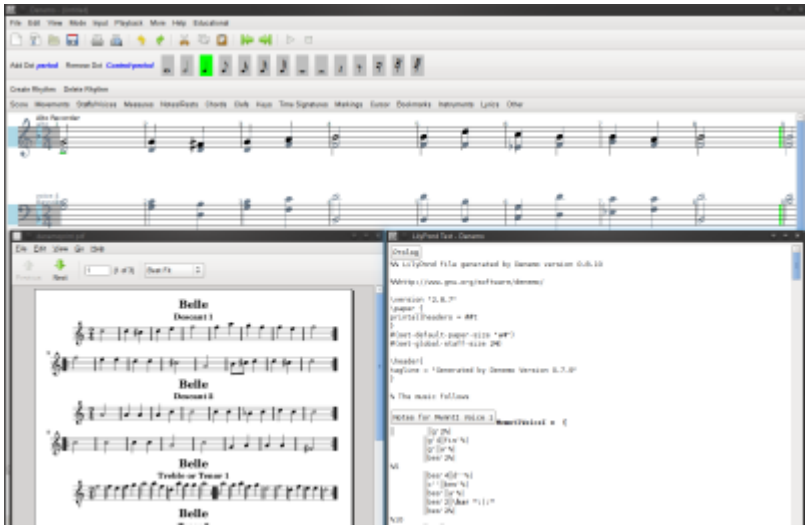




`https://www.frescobaldi.org`

Frescobaldi ist ein leichtgewichtiger (im Sinne von ‚installiert nur wenig zusätzliche Software'), aber sehr mächtiger LilyPond Musik- und Texteditor mit vielen für die Arbeit mit LilyPond nützlichen Fähigkeiten. Herausragend ist die beidseitige Verknüpfung zwischen dem LilyPond Code und der dargestellten Musik durch ‚point-and-click' mit der Maus. Ferner gibt es Partiturassistenten, eingebautes LilyPond Handbuch, Syntaxhighlighting sowie automatische Befehlsvervollständigung. Frescobaldi wurde in Python geschrieben, verwendet PyQt4 für das GUI und ist auf allen gängigen Betriebssystemen verfügbar (GNU/Linux, Mac OS X and Windows).

## Denemo









`http://denemo.org`

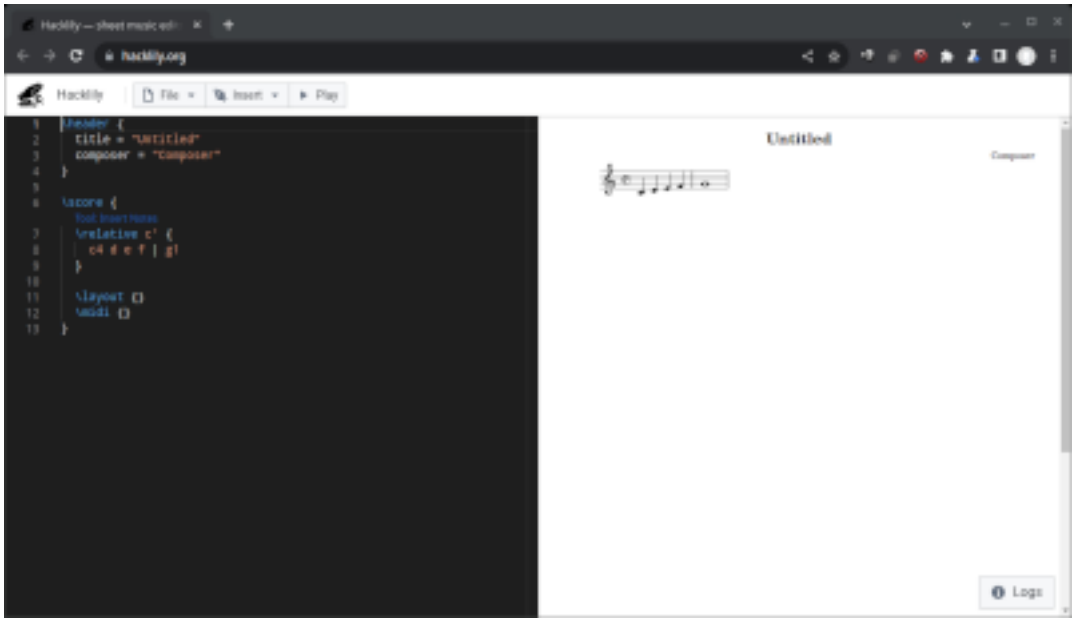
Denemo ist ein graphischer Editor, welcher LilyPond-Dateien produzieren kann und auch Audioplayback erlaubt. Hiermit kann die LilyPond-Datei parallel zum graphischen Notenbild betrachtet werden. Zusätzliche Veränderungen und Anpassungen können an die Objekte angehängt werden – sie werden mit der Denemo-Datei gespeichert, sodass der Benutzer graphisch weiterarbeiten kann.

Wenn man den Cursor im LilyPond-Text bewegt, wird er auch im Notenbild verschoben, und Syntaxfeher in LilyPond-Anpassungen werden in Textansicht markiert, wenn man von dort aus druckt.

## Browserbasierte Editoren

### Hacklily

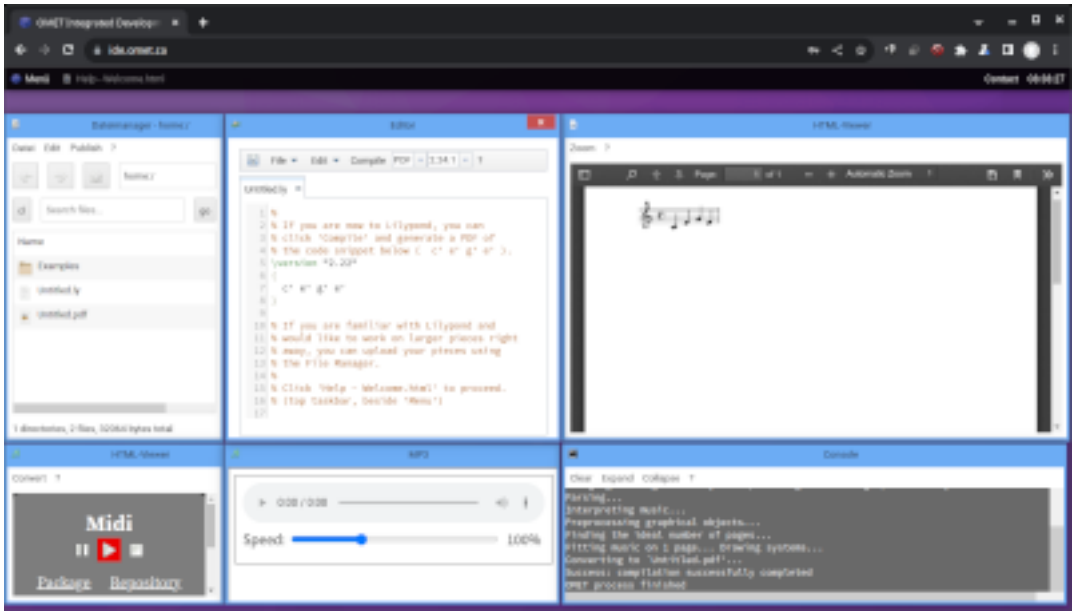
`https://www.hacklily.org/`




Ein Onlineeditor und Werkzeug zur Veröffentlichung von Musiknoten angetrieben von LilyPond, mit zusätzlichen Features wie Autovervollständigung und kontextbasierter Hilfe. Der zugrundeliegende Code ist verfügbar unter der AGPL, auf seiner eigenen Entwicklungsseite (`https://github.com/hacklily/hacklily`).

### www.omet.ca

`http://www.omet.ca/`




Seit 2010 bietet Online Music Editing Tools (OMET) einen fertigen LilyPond-Service mit einem eigens ausgelegten Webinterface. Eine Registrierung ist erforderlich, aber kostenfrei.

## Word processor plug-ins

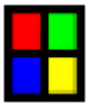
### OOoLilyPond

`https://extensions.services.openoffice.org/en/project/OOoLilyPond`









Eine Erweiterung für OpenOffice.org, das Dateien für LilyPond innerhalb von Dokumenten in Bilder umwandelt.

## IDE Plug-ins

### Elysium






`https://github.com/thSoft/elysium`

Eine vollständige Umgebung für die Bearbeitung von Noten mit LilyPond in Eclipse mit einem mächtigen Toolkit zur einfachen Verwaltung von LilyPond.

### Texteditoren






### Emacs

`https://www.gnu.org/software/emacs/` Emacs ist ein Texteditor mit sprachensensitiven Eigenschaften für sehr viele Computersprachen. Emacs ist ein sehr stark erweiterbarer Editor, welcher auch als Integrierte Entwicklungsumgebung benutzt werden kann. Es gibt einen „lilypond“-Modus, der die Sprachdefinitionen für das Arbeiten mit LilyPond-Dateien zur Verfügung stellt. Einer unserer Entwickler hat auch einen Hauptmodus für Emacs, lyqi (`http://nicolas.sceaux.free.fr/lilypond/lyqi.html`) geschrieben.

Wenn Sie bisher nicht bereits mit Emacs vertraut sind, dann bevorzugen sie möglicherweise einen anderen Editor um LilyPond Dateien zu schreiben.

Nähere Informationen zum Einrichten von Emacs finden Sie unter Abschnitt “Unterstützung von Texteditoren” in *Anwendungsbenutzung*.

### Vim

https://www.vim.org Vim ist ein minimaler Texteditor und eine Erweiterung des älteren Unix-Editors vi. Er ist auch erweiterbar und konfigurierbar.

Wenn Sie bisher nicht bereits mit Vim vertraut sind, dann bevorzugen sie möglicherweise einen anderen Editor um LilyPond Dateien zu schreiben.

Nähere Informationen zum Einrichten von Vim finden SIe unter Abschnitt “Unterstützung von Texteditoren” in *Anwendungsbenutzung*.



### TeXShop

https://pages.uoregon.edu/koch/texshop/

Der TeXShop-Editor für MacOS X kann erweitert werden, sodass er LilyPond, lilypond-book und convert-ly vom Editor aus ausführen kann. Hierzu wird eine Erweiterung eingesetzt, die man hier erhält:

http://users.dimi.uniud.it/~nicola.vitacolonna/home/content/lilypond-scripts.

### Weitere Programme die LilyPond Code exportieren können

### Score, Tab- und MIDI-Editoren:

- bwwtolily (http://www.jezra.net/projects/bwwtolily) versucht eine .bww oder .bmw Datei nach LilyPond zu konvertieren. Auch wenn nicht jeder Schnörkel korrekt konvertiert wird (das gilt besonders für solche mit ‚piobaireachd‘ [was immer das ist – Anm. des Übersetzers]), jedoch werden diese zumindest aufgeführt.
- Canorus (https://canorus.org) kann nach LilyPond exportieren, ist allerdings noch im Beta-Stadium. Tester sind willkommen.
- Enc2ly (http://enc2ly.sourceforge.net/en/) ist ein GNU/Linux Programm zur Konvertierung von Encore Dateien in LilyPond Dateien.
- go-enc2ly (https://github.com/hanwen/go-enc2ly) ist ein in Go geschriebenes Werkzeug um Encore Dateien in LilyPond zu konvertieren. Es wurde unter Verwendung von Felipe Castro's Forschung und ‚Reverse Engineering‘ geschrieben. Hierzu wurden existierende .enc Dateien modifiziert und in die 4.55 Demo Version importiert.
- NtEd (https://vsr.informatik.tu-chemnitz.de/staff/jan/nted/nted.xhtml), auf der Cairo (http://cairographics.org)-Bibliothek basierend, hat experimentelle Unterstützung für LilyPond Export.
- NW2LY (http://www.holmessoft.co.uk/homepage/software/NWC2LY/index.htm) ist ein C#-Programm, das NoteWorthy Composer Werke nach LilyPond konvertieren kann.
- Ripple (https://github.com/ciconia/ripple/blob/master/README.markdown) ist ein Programm, mit dem man Partituren und Stimmen erstellen kann. Es enthält auch einen Modus, in dem man unterschiedliche musikalische Werke untereinander mischen und zu einer Partitur oder einer Stimme zusammenfügen kann.
- Rosegarden (https://www.rosegardenmusic.com), ein Audio- und MIDI-Sequenzierer, der auch einen Noteneditor für einzelne Systeme unterstützt.

### Algorithmische Code-Generatoren

- Abjad (http://www.projectabjad.org/), a Python (https://www.python.org/) API zur formalisierten Partitur Kontrolle. Es wurde geschrieben um Komponisten dabei zu helfen, komplexe LilyPond Werke interativ und schrittweise zu erzeugen.
- FOMUS (https://common-lisp.net/project/fomus/), (FOrmat MUSic) ist ein Kompositionswerkzeug für Computermusik Komponisten. Geschrieben in LISP läuft es in einer ganzen Reihe von Interpretern Portierung nach C++.
- Strasheela (http://strasheela.sourceforge.net) ist eine Umgebung auf Basis des Mozart Programming System (https://mozart.github.io/).

### Weitere, nicht mehr aktiv entwickelte Programme

- LilyBin (https://github.com/LilyBin/LilyBin) ist ein webbasierter LilyPond Editor, in dem man die Noten direkt online setzen kann, ohne LilyPond vorher installieren zu müssen. Codeschnippsel bleiben unter einer eindeutigen URL verfügbar, wie auf so genannten ‚pastebin' Webseiten. Auch wenn https://lilybin.com, wo es gehostet wurde, eingestellt wurde, bleibt der Quelltext frei verfügbar unter der MIT-Lizenz, zu finden unter der Entwicklungsseite (https://github.com/LilyBin/LilyBin).
- WebLily (https://www.weblily.net/) war einer der ersten Webdienste basierend auf LilyPond.
- LilyPondTool (https://sourceforge.net/projects/lily4jedit) war ein Plugin für den jEdit (http://www.jedit.org) Text Editor.
- LilyKDE (https://lilykde.googlecode.com/) wurde durch Frescobaldi (https://www.frescobaldi.org/) ersetzt. Es existiert nur noch als LilyKDE3 für KDE 3.5 und lilypond-KDE4 für KDE 4.1.
- LilyComp (https://lilycomp.sourceforge.net) ist ein graphisches Notationsprogramm, das wie ein Ziffernblock funktioniert, mit dem man LilyPond Notation erstellen kann.
- MuseScore (https://www.musescore.org), ein Notationsprogramm. Der LilyPond Export wurde in Version 2.0 entfernt, aber frühere Versionen sind noch auf Sourceforge (https://sourceforge.net/projects/mscore/files/mscore/). verfügbar.
- NoteEdit (https://sourceforge.net/projects/noteedit.berlios/), konnte MusicXML (https://www.musicxml.com/) importieren. Ableger existieren als NtEd (https://vsr.informatik.tu-chemnitz.de/staff/jan/nted/nted.xhtml) und Canorus (https://canorus.org).
- Rumor (https://launchpad.net/rumor/), ein monophoner Echtzeitkonverter von MIDI nach LilyPond.
- tunefl (https://github.com/tiredpixel/tunefl) Noten direkt online setzen ohne LilyPond lokal zu installieren. Es erlaubt, alle Feature des Programs mit einem praktischen Webinterface auszuprobieren.
- TuxGuitar (https://sourceforge.net/projects/tuxguitar/), ein Tabulator Editor und Spieler, stellt neben Tabulatur auch eine Partiturvorschau zur Verfügung und kann nach LilyPond exportieren.

### Was jetzt?

Sind Sie jetzt bereit, [Download], Seite 39.

Sie sind noch immer nicht überzeugt? Viele Komponisten, Musiker und Dirigenten haben gelernt, wie man Noten in unserem Eingabeformat schreibt. Erfahrene Benutzer haben sogar berichtet, dass sie eine volle Partitur in LilyPond schneller notieren können als mit Klaviertastatur oder Maus plus GUI! Vielleicht wollen Sie noch einmal schauen, welche [Eigenschaften],

Seite 1, [Beispiele], Seite 4, oder [Freiheit], Seite 17, LilyPond ermöglicht oder über die [Produktionen], Seite 19, und [Rezensionen], Seite 21, unserer Benutzer lesen. Zusätzlich haben wir unsere Herangehensweise an die Computerästhetik der klassischen Notensatzkunst im unserem [Hintergrund], Seite 18, erklärt.

## Rechtliches

Alle Logos und Produktabbildungen werden unter ausdrücklicher Anerkennug des Copyright und Trademark der Rechteinhaber verwendet.

Tux the Linux Penguin was created by lewing@isc.tamu.edu (mailto:lewing@isc.tamu.edu) with the Gnu Image Manipulation Program (http://www.isc.tamu.edu/~lewing/gimp/).

The FreeBSD logo is a registered trademark of The FreeBSD Foundation (https://www.freebsd.org/).

The „X image“ is not a registered trademark. It was created by Nihonjoe (https://en.wikipedia.org/wiki/User:Nihonjoe) and CyberSkull (https://en.wikipedia.org/wiki/User:CyberSkull), and placed under the GNU Free Documentation License version 1.2 or later. We found the image on this Wikipedia Commons page (https://commons.wikimedia.org/wiki/File:Mac_OS_X_Userbox_X.png).

The „four colored rectangles image“ is not a registered trademark. It was created by Rohitbd (https://en.wikipedia.org/wiki/User:Rohitbd) and placed under the GNU Free Documentation License version 1.2. We found the image on this Wikipedia Commons page (https://commons.wikimedia.org/wiki/Category:Microsoft_Windows_logos).

# Download

## Downloads für LilyPond 2.26.0

### Wichtige Links

### Für neue Nutzer

[Texteingabe], Seite 25: LilyPond ist ein **textbasiertes** Notationsprogramm, es ähnelt eher einer Programmiersprache als einem graphischen Programm zum Notensatz. Lesen Sie diesen Abschnitt, um den grundlegenden Bearbeitungsablauf mit LilyPond zu verstehen.

Abschnitt “Handbuch zum Lernen” in *Handbuch zum Lernen*: Diese behutsame Einleitung zu LilyPond zeigt, wie man es installiert und leitet durch die ersten Schritte mit dem Programm.

### Für Nutzer, die von vorherigen Versionen aktualisieren

Abschnitt “Neuerungen” in *Änderungen*: Was gibt es Neues in LilyPond 2.26.0.

Abschnitt “Programmbenutzung” in *Anwendungsbenutzung*: Erklärt, wie man bestehende Eingabedateien, die für alte Versionen geschrieben wurden, ohne Aufwand mit `convert-ly` aktualisiert.

Abschnitt “Handbuch zum Lernen” in *Handbuch zum Lernen*: Die Installationsmethode in der Anleitung erlaubt es, zeitgleich mehrere Versionen von LilyPond zu installieren.

### GNU/Linux

### Generische Pakete oder distributionsabhängige Pakete?

Viele Distributionen enthalten LilyPond in ihrem normalen Paket-System. Diese Versionen können jedoch *erheblich* älter sein als die aktuelle stabile Version. Wenn das der Fall ist, empfehlen wir nachdrücklich die Verwendung unserer generischen Pakete.

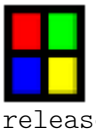
### Downloads der generischen Pakete

-  GNU/Linux x86_64: LilyPond 2.26.0 (`https://gitlab.com/lilypond/lilypond/-/releases/v2.26.0/downloads/lilypond-2.26.0-linux-x86_64.tar.gz`)

### Windows

### Downloads der generischen Pakete

Diese Binärdateien funktionieren unter aktuellen Windows-Versionen (Windows 7 und Windows 8 werden nicht unterstützt).

-  Windows x86_64: LilyPond 2.26.0 (`https://gitlab.com/lilypond/lilypond/-/releases/v2.26.0/downloads/lilypond-2.26.0-mingw-x86_64.zip`)

### macOS

### Downloads der generischen Pakete

Diese Binärdateien funktionieren unter macOS 10.15 (Catalina) und höher. Für ältere Versionen benutzen Sie bitte MacPorts.

-  macOS x86_64: LilyPond 2.26.0 (`https://gitlab.com/lilypond/lilypond/-/releases/v2.26.0/downloads/lilypond-2.26.0-darwin-x86_64.tar.gz`)

### Einen Paket-Manager verwenden

- MacPorts (`https://www.macports.org/`), ein Paket-Manager für macOS, hat einen Port für LilyPond (`https://ports.macports.org/port/lilypond/summary`).
-  Homebrew (`https://brew.sh/`), ein anderer Paket-Manager für macOS, hat eine Formel für LilyPond (`https://formulae.brew.sh/formula/lilypond`).

### Für Entwickler

[Quellen], Seite 40: für Paketersteller

[Alte Downloads], Seite 41: alte Versionen

[Entwicklung], Seite 70: die aktuelle instabile Version

### Programmlizenz

LilyPond wird unter der [GPL], Seite 41, veröffentlicht.

### Rechtliches

Alle Logos und Produktabbildungen werden unter ausdrücklicher Anerkennug des Copyright und Trademark der Rechteinhaber verwendet.

Tux the Linux Penguin was created by lewing@isc.tamu.edu (`mailto:lewing@isc.tamu.edu`) with the Gnu Image Manipulation Program (`http://www.isc.tamu.edu/~lewing/gimp/`).

The „X image“ is not a registered trademark. It was created by Nihonjoe (`https://en.wikipedia.org/wiki/User:Nihonjoe`) and CyberSkull (`https://en.wikipedia.org/wiki/User:CyberSkull`), and placed under the GNU Free Documentation License version 1.2 or later. We found the image on this Wikipedia Commons page (`https://commons.wikimedia.org/wiki/File:Mac_OS_X_Userbox_X.png`).

The „four colored rectangles image“ is not a registered trademark. It was created by Rohitbd (`https://en.wikipedia.org/wiki/User:Rohitbd`) and placed under the GNU Free Documentation License version 1.2. We found the image on this Wikipedia Commons page (`https://commons.wikimedia.org/wiki/Category:Microsoft_Windows_logos`).

## Quellen

> **Achtung:** Wir empfehlen **nicht**, dass Sie versuchen, LilyPond selber aus den Quellen zu kompilieren. Fast alle Benutzer haben mehr Vorteile von der vorkompilierten Version.

### Quell-Tarball

Source: lilypond-2.26.0.tar.gz (`https://lilypond.org/download/sources/v2.26/lilypond-2.26.0.tar.gz`)-de

Anweisungen für die Übersetzung sind in Abschnitt “Compiling” in *Contributor's Guide* aufgeführt.

# Alte Downloads

## Alle Versionen

Die Quellen und die Binärdateien für Versionen seit 2.23.6 finden sich auf unserer GitLab-Seite für Veröffentlichungen (`https://gitlab.com/lilypond/lilypond/-/releases`), oder der vorherigen Download-Seite (`https://lilypond.org/download/binaries/`) für frühere Versionen.

# GPL

## Software license

GNU LilyPond wird unter der GNU General Public License publiziert. Eine Einführung zu der Lizenz und unsere Gründe für diese Wahl finden Sie in [Freiheit], Seite 17.

## GNU General Public License

Version 3, 29 June 2007

Copyright © 2007 Free Software Foundation, Inc. `https://fsf.org/`

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

# Preamble

The GNU General Public License is a free, copyleft license for software and other kinds of works.

The licenses for most software and other practical works are designed to take away your freedom to share and change the works. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change all versions of a program—to make sure it remains free software for all its users. We, the Free Software Foundation, use the GNU General Public License for most of our software; it applies also to any other work released this way by its authors. You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for them if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs, and that you know you can do these things.

To protect your rights, we need to prevent others from denying you these rights or asking you to surrender the rights. Therefore, you have certain responsibilities if you distribute copies of the software, or if you modify it: responsibilities to respect the freedom of others.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must pass on to the recipients the same freedoms that you received. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

Developers that use the GNU GPL protect your rights with two steps: (1) assert copyright on the software, and (2) offer you this License giving you legal permission to copy, distribute and/or modify it.

For the developers' and authors' protection, the GPL clearly explains that there is no warranty for this free software. For both users' and authors' sake, the GPL requires that modified versions be marked as changed, so that their problems will not be attributed erroneously to authors of previous versions.

Some devices are designed to deny users access to install or run modified versions of the software inside them, although the manufacturer can do so. This is fundamentally incompatible

with the aim of protecting users' freedom to change the software. The systematic pattern of such abuse occurs in the area of products for individuals to use, which is precisely where it is most unacceptable. Therefore, we have designed this version of the GPL to prohibit the practice for those products. If such problems arise substantially in other domains, we stand ready to extend this provision to those domains in future versions of the GPL, as needed to protect the freedom of users.

Finally, every program is threatened constantly by software patents. States should not allow patents to restrict development and use of software on general-purpose computers, but in those that do, we wish to avoid the special danger that patents applied to a free program could make it effectively proprietary. To prevent this, the GPL assures that patents cannot be used to render the program non-free.

The precise terms and conditions for copying, distribution and modification follow.

## TERMS AND CONDITIONS

0. Definitions.

   "This License" refers to version 3 of the GNU General Public License.

   "Copyright" also means copyright-like laws that apply to other kinds of works, such as semiconductor masks.

   "The Program" refers to any copyrightable work licensed under this License. Each licensee is addressed as "you". "Licensees" and "recipients" may be individuals or organizations.

   To "modify" a work means to copy from or adapt all or part of the work in a fashion requiring copyright permission, other than the making of an exact copy. The resulting work is called a "modified version" of the earlier work or a work "based on" the earlier work.

   A "covered work" means either the unmodified Program or a work based on the Program.

   To "propagate" a work means to do anything with it that, without permission, would make you directly or secondarily liable for infringement under applicable copyright law, except executing it on a computer or modifying a private copy. Propagation includes copying, distribution (with or without modification), making available to the public, and in some countries other activities as well.

   To "convey" a work means any kind of propagation that enables other parties to make or receive copies. Mere interaction with a user through a computer network, with no transfer of a copy, is not conveying.

   An interactive user interface displays "Appropriate Legal Notices" to the extent that it includes a convenient and prominently visible feature that (1) displays an appropriate copyright notice, and (2) tells the user that there is no warranty for the work (except to the extent that warranties are provided), that licensees may convey the work under this License, and how to view a copy of this License. If the interface presents a list of user commands or options, such as a menu, a prominent item in the list meets this criterion.

1. Source Code.

   The "source code" for a work means the preferred form of the work for making modifications to it. "Object code" means any non-source form of a work.

   A "Standard Interface" means an interface that either is an official standard defined by a recognized standards body, or, in the case of interfaces specified for a particular programming language, one that is widely used among developers working in that language.

   The "System Libraries" of an executable work include anything, other than the work as a whole, that (a) is included in the normal form of packaging a Major Component, but which is not part of that Major Component, and (b) serves only to enable use of the work with that Major Component, or to implement a Standard Interface for which an implementation

is available to the public in source code form. A "Major Component", in this context, means a major essential component (kernel, window system, and so on) of the specific operating system (if any) on which the executable work runs, or a compiler used to produce the work, or an object code interpreter used to run it.

The "Corresponding Source" for a work in object code form means all the source code needed to generate, install, and (for an executable work) run the object code and to modify the work, including scripts to control those activities. However, it does not include the work's System Libraries, or general-purpose tools or generally available free programs which are used unmodified in performing those activities but which are not part of the work. For example, Corresponding Source includes interface definition files associated with source files for the work, and the source code for shared libraries and dynamically linked subprograms that the work is specifically designed to require, such as by intimate data communication or control flow between those subprograms and other parts of the work.

The Corresponding Source need not include anything that users can regenerate automatically from other parts of the Corresponding Source.

The Corresponding Source for a work in source code form is that same work.

2. Basic Permissions.

   All rights granted under this License are granted for the term of copyright on the Program, and are irrevocable provided the stated conditions are met. This License explicitly affirms your unlimited permission to run the unmodified Program. The output from running a covered work is covered by this License only if the output, given its content, constitutes a covered work. This License acknowledges your rights of fair use or other equivalent, as provided by copyright law.

   You may make, run and propagate covered works that you do not convey, without conditions so long as your license otherwise remains in force. You may convey covered works to others for the sole purpose of having them make modifications exclusively for you, or provide you with facilities for running those works, provided that you comply with the terms of this License in conveying all material for which you do not control copyright. Those thus making or running the covered works for you must do so exclusively on your behalf, under your direction and control, on terms that prohibit them from making any copies of your copyrighted material outside their relationship with you.

   Conveying under any other circumstances is permitted solely under the conditions stated below. Sublicensing is not allowed; section 10 makes it unnecessary.

3. Protecting Users' Legal Rights From Anti-Circumvention Law.

   No covered work shall be deemed part of an effective technological measure under any applicable law fulfilling obligations under article 11 of the WIPO copyright treaty adopted on 20 December 1996, or similar laws prohibiting or restricting circumvention of such measures.

   When you convey a covered work, you waive any legal power to forbid circumvention of technological measures to the extent such circumvention is effected by exercising rights under this License with respect to the covered work, and you disclaim any intention to limit operation or modification of the work as a means of enforcing, against the work's users, your or third parties' legal rights to forbid circumvention of technological measures.

4. Conveying Verbatim Copies.

   You may convey verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice; keep intact all notices stating that this License and any non-permissive terms added in accord with section 7 apply to the code; keep intact all notices of the absence of any warranty; and give all recipients a copy of this License along with the Program.

   You may charge any price or no price for each copy that you convey, and you may offer support or warranty protection for a fee.

5. Conveying Modified Source Versions.

   You may convey a work based on the Program, or the modifications to produce it from the Program, in the form of source code under the terms of section 4, provided that you also meet all of these conditions:

   a. The work must carry prominent notices stating that you modified it, and giving a relevant date.

   b. The work must carry prominent notices stating that it is released under this License and any conditions added under section 7. This requirement modifies the requirement in section 4 to "keep intact all notices".

   c. You must license the entire work, as a whole, under this License to anyone who comes into possession of a copy. This License will therefore apply, along with any applicable section 7 additional terms, to the whole of the work, and all its parts, regardless of how they are packaged. This License gives no permission to license the work in any other way, but it does not invalidate such permission if you have separately received it.

   d. If the work has interactive user interfaces, each must display Appropriate Legal Notices; however, if the Program has interactive interfaces that do not display Appropriate Legal Notices, your work need not make them do so.

   A compilation of a covered work with other separate and independent works, which are not by their nature extensions of the covered work, and which are not combined with it such as to form a larger program, in or on a volume of a storage or distribution medium, is called an "aggregate" if the compilation and its resulting copyright are not used to limit the access or legal rights of the compilation's users beyond what the individual works permit. Inclusion of a covered work in an aggregate does not cause this License to apply to the other parts of the aggregate.

6. Conveying Non-Source Forms.

   You may convey a covered work in object code form under the terms of sections 4 and 5, provided that you also convey the machine-readable Corresponding Source under the terms of this License, in one of these ways:

   a. Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by the Corresponding Source fixed on a durable physical medium customarily used for software interchange.

   b. Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by a written offer, valid for at least three years and valid for as long as you offer spare parts or customer support for that product model, to give anyone who possesses the object code either (1) a copy of the Corresponding Source for all the software in the product that is covered by this License, on a durable physical medium customarily used for software interchange, for a price no more than your reasonable cost of physically performing this conveying of source, or (2) access to copy the Corresponding Source from a network server at no charge.

   c. Convey individual copies of the object code with a copy of the written offer to provide the Corresponding Source. This alternative is allowed only occasionally and noncommercially, and only if you received the object code with such an offer, in accord with subsection 6b.

   d. Convey the object code by offering access from a designated place (gratis or for a charge), and offer equivalent access to the Corresponding Source in the same way through the same place at no further charge. You need not require recipients to copy the Corresponding Source along with the object code. If the place to copy the object code is a network server, the Corresponding Source may be on a different server (operated by you or a third party) that supports equivalent copying facilities, provided you maintain

clear directions next to the object code saying where to find the Corresponding Source. Regardless of what server hosts the Corresponding Source, you remain obligated to ensure that it is available for as long as needed to satisfy these requirements.

e. Convey the object code using peer-to-peer transmission, provided you inform other peers where the object code and Corresponding Source of the work are being offered to the general public at no charge under subsection 6d.

A separable portion of the object code, whose source code is excluded from the Corresponding Source as a System Library, need not be included in conveying the object code work.

A "User Product" is either (1) a "consumer product", which means any tangible personal property which is normally used for personal, family, or household purposes, or (2) anything designed or sold for incorporation into a dwelling. In determining whether a product is a consumer product, doubtful cases shall be resolved in favor of coverage. For a particular product received by a particular user, "normally used" refers to a typical or common use of that class of product, regardless of the status of the particular user or of the way in which the particular user actually uses, or expects or is expected to use, the product. A product is a consumer product regardless of whether the product has substantial commercial, industrial or non-consumer uses, unless such uses represent the only significant mode of use of the product.

"Installation Information" for a User Product means any methods, procedures, authorization keys, or other information required to install and execute modified versions of a covered work in that User Product from a modified version of its Corresponding Source. The information must suffice to ensure that the continued functioning of the modified object code is in no case prevented or interfered with solely because modification has been made.

If you convey an object code work under this section in, or with, or specifically for use in, a User Product, and the conveying occurs as part of a transaction in which the right of possession and use of the User Product is transferred to the recipient in perpetuity or for a fixed term (regardless of how the transaction is characterized), the Corresponding Source conveyed under this section must be accompanied by the Installation Information. But this requirement does not apply if neither you nor any third party retains the ability to install modified object code on the User Product (for example, the work has been installed in ROM).

The requirement to provide Installation Information does not include a requirement to continue to provide support service, warranty, or updates for a work that has been modified or installed by the recipient, or for the User Product in which it has been modified or installed. Access to a network may be denied when the modification itself materially and adversely affects the operation of the network or violates the rules and protocols for communication across the network.

Corresponding Source conveyed, and Installation Information provided, in accord with this section must be in a format that is publicly documented (and with an implementation available to the public in source code form), and must require no special password or key for unpacking, reading or copying.

7. Additional Terms.

"Additional permissions" are terms that supplement the terms of this License by making exceptions from one or more of its conditions. Additional permissions that are applicable to the entire Program shall be treated as though they were included in this License, to the extent that they are valid under applicable law. If additional permissions apply only to part of the Program, that part may be used separately under those permissions, but the entire Program remains governed by this License without regard to the additional permissions.

When you convey a copy of a covered work, you may at your option remove any additional permissions from that copy, or from any part of it. (Additional permissions may be written

to require their own removal in certain cases when you modify the work.) You may place additional permissions on material, added by you to a covered work, for which you have or can give appropriate copyright permission.

Notwithstanding any other provision of this License, for material you add to a covered work, you may (if authorized by the copyright holders of that material) supplement the terms of this License with terms:

a. Disclaiming warranty or limiting liability differently from the terms of sections 15 and 16 of this License; or

b. Requiring preservation of specified reasonable legal notices or author attributions in that material or in the Appropriate Legal Notices displayed by works containing it; or

c. Prohibiting misrepresentation of the origin of that material, or requiring that modified versions of such material be marked in reasonable ways as different from the original version; or

d. Limiting the use for publicity purposes of names of licensors or authors of the material; or

e. Declining to grant rights under trademark law for use of some trade names, trademarks, or service marks; or

f. Requiring indemnification of licensors and authors of that material by anyone who conveys the material (or modified versions of it) with contractual assumptions of liability to the recipient, for any liability that these contractual assumptions directly impose on those licensors and authors.

All other non-permissive additional terms are considered "further restrictions" within the meaning of section 10. If the Program as you received it, or any part of it, contains a notice stating that it is governed by this License along with a term that is a further restriction, you may remove that term. If a license document contains a further restriction but permits relicensing or conveying under this License, you may add to a covered work material governed by the terms of that license document, provided that the further restriction does not survive such relicensing or conveying.

If you add terms to a covered work in accord with this section, you must place, in the relevant source files, a statement of the additional terms that apply to those files, or a notice indicating where to find the applicable terms.

Additional terms, permissive or non-permissive, may be stated in the form of a separately written license, or stated as exceptions; the above requirements apply either way.

8. Termination.

You may not propagate or modify a covered work except as expressly provided under this License. Any attempt otherwise to propagate or modify it is void, and will automatically terminate your rights under this License (including any patent licenses granted under the third paragraph of section 11).

However, if you cease all violation of this License, then your license from a particular copyright holder is reinstated (a) provisionally, unless and until the copyright holder explicitly and finally terminates your license, and (b) permanently, if the copyright holder fails to notify you of the violation by some reasonable means prior to 60 days after the cessation.

Moreover, your license from a particular copyright holder is reinstated permanently if the copyright holder notifies you of the violation by some reasonable means, this is the first time you have received notice of violation of this License (for any work) from that copyright holder, and you cure the violation prior to 30 days after your receipt of the notice.

Termination of your rights under this section does not terminate the licenses of parties who have received copies or rights from you under this License. If your rights have been

terminated and not permanently reinstated, you do not qualify to receive new licenses for the same material under section 10.

9. Acceptance Not Required for Having Copies.

   You are not required to accept this License in order to receive or run a copy of the Program. Ancillary propagation of a covered work occurring solely as a consequence of using peer-to-peer transmission to receive a copy likewise does not require acceptance. However, nothing other than this License grants you permission to propagate or modify any covered work. These actions infringe copyright if you do not accept this License. Therefore, by modifying or propagating a covered work, you indicate your acceptance of this License to do so.

10. Automatic Licensing of Downstream Recipients.

    Each time you convey a covered work, the recipient automatically receives a license from the original licensors, to run, modify and propagate that work, subject to this License. You are not responsible for enforcing compliance by third parties with this License.

    An "entity transaction" is a transaction transferring control of an organization, or substantially all assets of one, or subdividing an organization, or merging organizations. If propagation of a covered work results from an entity transaction, each party to that transaction who receives a copy of the work also receives whatever licenses to the work the party's predecessor in interest had or could give under the previous paragraph, plus a right to possession of the Corresponding Source of the work from the predecessor in interest, if the predecessor has it or can get it with reasonable efforts.

    You may not impose any further restrictions on the exercise of the rights granted or affirmed under this License. For example, you may not impose a license fee, royalty, or other charge for exercise of rights granted under this License, and you may not initiate litigation (including a cross-claim or counterclaim in a lawsuit) alleging that any patent claim is infringed by making, using, selling, offering for sale, or importing the Program or any portion of it.

11. Patents.

    A "contributor" is a copyright holder who authorizes use under this License of the Program or a work on which the Program is based. The work thus licensed is called the contributor's "contributor version".

    A contributor's "essential patent claims" are all patent claims owned or controlled by the contributor, whether already acquired or hereafter acquired, that would be infringed by some manner, permitted by this License, of making, using, or selling its contributor version, but do not include claims that would be infringed only as a consequence of further modification of the contributor version. For purposes of this definition, "control" includes the right to grant patent sublicenses in a manner consistent with the requirements of this License.

    Each contributor grants you a non-exclusive, worldwide, royalty-free patent license under the contributor's essential patent claims, to make, use, sell, offer for sale, import and otherwise run, modify and propagate the contents of its contributor version.

    In the following three paragraphs, a "patent license" is any express agreement or commitment, however denominated, not to enforce a patent (such as an express permission to practice a patent or covenant not to sue for patent infringement). To "grant" such a patent license to a party means to make such an agreement or commitment not to enforce a patent against the party.

    If you convey a covered work, knowingly relying on a patent license, and the Corresponding Source of the work is not available for anyone to copy, free of charge and under the terms of this License, through a publicly available network server or other readily accessible means, then you must either (1) cause the Corresponding Source to be so available, or (2) arrange to deprive yourself of the benefit of the patent license for this particular work, or (3) arrange, in a manner consistent with the requirements of this License, to extend the patent license to

downstream recipients. “Knowingly relying” means you have actual knowledge that, but for the patent license, your conveying the covered work in a country, or your recipient’s use of the covered work in a country, would infringe one or more identifiable patents in that country that you have reason to believe are valid.

If, pursuant to or in connection with a single transaction or arrangement, you convey, or propagate by procuring conveyance of, a covered work, and grant a patent license to some of the parties receiving the covered work authorizing them to use, propagate, modify or convey a specific copy of the covered work, then the patent license you grant is automatically extended to all recipients of the covered work and works based on it.

A patent license is “discriminatory” if it does not include within the scope of its coverage, prohibits the exercise of, or is conditioned on the non-exercise of one or more of the rights that are specifically granted under this License. You may not convey a covered work if you are a party to an arrangement with a third party that is in the business of distributing software, under which you make payment to the third party based on the extent of your activity of conveying the work, and under which the third party grants, to any of the parties who would receive the covered work from you, a discriminatory patent license (a) in connection with copies of the covered work conveyed by you (or copies made from those copies), or (b) primarily for and in connection with specific products or compilations that contain the covered work, unless you entered into that arrangement, or that patent license was granted, prior to 28 March 2007.

Nothing in this License shall be construed as excluding or limiting any implied license or other defenses to infringement that may otherwise be available to you under applicable patent law.

12. No Surrender of Others’ Freedom.

    If conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot convey a covered work so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not convey it at all. For example, if you agree to terms that obligate you to collect a royalty for further conveying from those to whom you convey the Program, the only way you could satisfy both those terms and this License would be to refrain entirely from conveying the Program.

13. Use with the GNU Affero General Public License.

    Notwithstanding any other provision of this License, you have permission to link or combine any covered work with a work licensed under version 3 of the GNU Affero General Public License into a single combined work, and to convey the resulting work. The terms of this License will continue to apply to the part which is the covered work, but the special requirements of the GNU Affero General Public License, section 13, concerning interaction through a network will apply to the combination as such.

14. Revised Versions of this License.

    The Free Software Foundation may publish revised and/or new versions of the GNU General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

    Each version is given a distinguishing version number. If the Program specifies that a certain numbered version of the GNU General Public License “or any later version” applies to it, you have the option of following the terms and conditions either of that numbered version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the GNU General Public License, you may choose any version ever published by the Free Software Foundation.

If the Program specifies that a proxy can decide which future versions of the GNU General Public License can be used, that proxy's public statement of acceptance of a version permanently authorizes you to choose that version for the Program.

Later license versions may give you additional or different permissions. However, no additional obligations are imposed on any author or copyright holder as a result of your choosing to follow a later version.

15. Disclaimer of Warranty.

    THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. Limitation of Liability.

    IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MODIFIES AND/OR CONVEYS THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

17. Interpretation of Sections 15 and 16.

    If the disclaimer of warranty and limitation of liability provided above cannot be given local legal effect according to their terms, reviewing courts shall apply local law that most closely approximates an absolute waiver of all civil liability in connection with the Program, unless a warranty or assumption of liability accompanies a copy of the Program in return for a fee.

## END OF TERMS AND CONDITIONS

## How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively state the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

```
one line to give the program's name and a brief idea of what it does.
Copyright (C) year name of author

This program is free software: you can redistribute it and/or modify
it under the terms of the GNU General Public License as published by
the Free Software Foundation, either version 3 of the License, or (at
your option) any later version.

This program is distributed in the hope that it will be useful, but
```

```
WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.  See the GNU
General Public License for more details.

You should have received a copy of the GNU General Public License
along with this program.  If not, see https://www.gnu.org/licenses/.
```

Also add information on how to contact you by electronic and paper mail.

If the program does terminal interaction, make it output a short notice like this when it starts in an interactive mode:

```
program Copyright (C) year name of author
This program comes with ABSOLUTELY NO WARRANTY; for details type ‘show w’.
This is free software, and you are welcome to redistribute it
under certain conditions; type ‘show c’ for details.
```

The hypothetical commands ‘`show w`’ and ‘`show c`’ should show the appropriate parts of the General Public License. Of course, your program's commands might be different; for a GUI interface, you would use an “about box”.

You should also get your employer (if you work as a programmer) or school, if any, to sign a “copyright disclaimer” for the program, if necessary. For more information on this, and how to apply and follow the GNU GPL, see `https://www.gnu.org/licenses/`.

The GNU General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Lesser General Public License instead of this License. But first, please read `https://www.gnu.org/licenses/why-not-lgpl.html`.

# Handbücher

## Handbücher für LilyPond 2.26.0

### Einleitung

- [Texteingabe], Seite 25: LilyPond ist ein **textbasiertes** Notensatzprogramm. Wenn Sie mit diesem Konzept nicht vertraut sind, lesen Sie darüber bitte jetzt!
- Abschnitt “Einführung” in *Handbuch zum Lernen*: eine sanfte „unbedingt lesen!“ Einführung in LilyPond. ([Einführung], Seite 52)
- Abschnitt “Glossar” in *Glossar*: *(optional)* hier werden musikalische Begriffe auf englisch erklärt und die passenden Übersetzungen in vielen anderen Sprachen gegeben. ([Glossar], Seite 52)
- Abschnitt “Aufsatz” in *Aufsatz*: *(optional)* Hintergrundinformation über den Notensatzprozess und die Ästhetik des Notenstichs im 19. Jahrhundert. ([Aufsatz], Seite 52)

### Regelmäßig benötigt

- Abschnitt “Notation” in *Notationsreferenz*: Syntaxreferenz. ([Notation], Seite 53)
- Abschnitt “Benutzung” in *Anwendungsbenutzung*: wie die Programme aufgerufen werden. ([Benutzung], Seite 53)
- Abschnitt “Schnipsel” in *Schnipsel*: kurze Tricks, Tipps und Beispiele. ([Schnipsel], Seite 54)

### Seltener benötigt

- [FAQ], Seite 54: Häufig gestellte Fragen.
- [⟨undefined⟩], Seite ⟨undefined⟩: Dieses Dokument. ([Web], Seite 55)
- Abschnitt “Änderungen” in *Änderungen*: Was ist neu? ([Änderungen], Seite 55)
- Abschnitt “Erweitern” in *Extending*: clevere Anpassungen. ([Erweitern], Seite 55)
- Abschnitt “Interna” in *Referenz der Interna*: Referenz für Anpassungen. ([Interna], Seite 56)

### Anderes Material

- [Alles], Seite 56: vorhergehende stabile Versionen und die aktuelle Version als komprimiertes Archiv.
- LilyPond Snippet Repository (`https://lsr.di.unimi.it`): Beispiele, Tricks und Tipps, von LilyPond-Benutzern erstellt.
- Video Tutorials (`https://bit.ly/LearnLilyPond`): Der LilyPond Anwender Ben Lemon hat eine Reihe Video Tutorials in seinem Blog veröffentlicht. Sie wenden sich an Neulinge.
- LilyPond Scheme (`https://scheme-book.ursliska.de/introduction/index.html`): ein externes Tutorial zum Lernen von Scheme, der Sprache zur Programmierung von LilyPond. Empfohlen für absolute Beginner, was die Programmierung angeht.
- Scheme Lernen für LilyPond (`https://tutoriel-scheme.readthedocs.io`): ein weiteres LilyPond-orientiertes Tutorial für Scheme. Empfohlen bei einiger Erfahrung mit der Programmierung in einer anderen Sprache.
- Extending Guide (`https://extending-lilypond.readthedocs.io`): eine externe Dokumentation über die Erweiterung von LilyPond in Scheme.
- [Entwicklung], Seite 70: Handbücher für die Entwicklerversion.
- [FDL], Seite 57: Diese Handbücher sind unter der GNU Free Documentation License herausgegeben.

### Format der Handbücher

Die LilyPond-Handbücher liegen generell in drei Formaten vor: geteiltes HTML, großes HTML und PDF. Geteiltes HTML eignet sich besonders, um online gelesen zu werden. Großes HTML (und einige der Dateien sind sehr groß) beinhaltet das jeweilige Handbuch auf einer einzigen Seite. PDF ist zum Herunterladen und Offline-Lesen vorgesehen. Sie gelangen zu diesen drei Formaten, indem Sie den Links `Einzelheiten` zu folgen und dann das gewünschte Format auswählen.

## Einführung

### Handbuch zum Lernen

Dieses Buch erklärt, wie man beginnen sollte, LilyPond zu erlernen. Hier werden auch einige Schlüsselkonzepte und einfache Begriffe erklärt. Sie sollte diese Kapitel von vorne bis hinten lesen.

Am Ende jeden Abschnitts gibt es einen Absatz **Siehe auch**, welcher Links in andere Abschnitte enthält. Beim ersten Durchlesen sollten Sie diesen Verlinkungen nicht folgen. Wenn Sie das gesamte Handbuch einmal gelesen haben, werden Sie wahrscheinlich einige Abschnitte noch einmal lesen und dann auch den Links folgen, um weitere Informationen zu erhalten.

### Lesen Sie

- Einführung (geteiltes HTML) (`../learning/index.html`) – das Handbuch wird in viele HTML-Seiten aufgeteilt.
  *(kleiner Download für jede Seite)*
- Einführung (großes HTML) (`../learning-big-page.html`) – das Handbuch als eine große HTML-Seite.
  *(großer einmaliger Download)*
- learning.pdf (`../learning.pdf`) – das Handbuch als PDF-Datei.
  *(großer einmaliger Download)*

## Glossar

### Glossar

Hier werden musikalische Fachbegriffe auf Englisch erklärt und Übersetzungen zu einer Reihe von Sprachen gegeben. Wenn Sie sich mit der Terminologie der Musik und Musiknotation nicht auskennen (und vor allem, wenn Sie Englisch nicht fließend sprechen) lohnt es sich sehr, dieses Glossar zu Hilfe zu ziehen.

### Lesen Sie

- Glossar (geteiltes HTML) (`../music-glossary/index.html`) – das Handbuch wird in viele HTML-Seiten aufgeteilt.
  *(kleiner Download für jede Seite)*
- Glossar (großes HTML) (`../music-glossary-big-page.html`) – das Handbuch als eine große HTML-Seite.
  *(großer einmaliger Download)*
- music-glossary.pdf (`../music-glossary.pdf`) – das Handbuch als PDF-Datei.
  *(großer einmaliger Download)*

## Aufsatz

### Aufsatz

Dieses Buch enthält eine kurze Geschichte des Musiknotensatzes und anschließend eine Betrachtung der Notensatztechniken von LilyPond. Ein Vergleich von LilyPond mit anderen Notensatzprogrammen wird auch vorgenommen.

> **Achtung:** Die detailierten typographischen Beispiele lassen sich in der PDF-Version einfacher analysieren, weil sie eine höhere Auflösung hat.

### Lesen Sie

- Aufsatz (geteiltes HTML) (`../essay/index.html`) – das Handbuch wird in viele HTML-Seiten aufgeteilt.
  *(kleiner Download für jede Seite)*
- Aufsatz (großes HTML) (`../essay-big-page.html`) – das Handbuch als eine große HTML-Seite.
  *(großer einmaliger Download)*
- essay.pdf (`../essay.pdf`) – das Handbuch als PDF-Datei.
  *(großer einmaliger Download)*

## Notation

### Notationsreferenz

Dieses Buch erklärt alle Befehle von LilyPond, die Notation erstellen.

> **Achtung:** Die Notationsreferenz geht davon aus, dass der Leser die Grundlagen von LilyPond bereits kennt, wie sie im Handbuch zum Lernen ausgeführt werden. In einigen Fällen sollte die englische Musikterminologie (siehe Glossar) bekannt sein.

### Lesen Sie

- Notation (geteiltes HTML) (`../notation/index.html`) – das Handbuch wird in viele HTML-Seiten aufgeteilt.
  *(kleiner Download für jede Seite)*
- Notation (großes HTML) (`../notation-big-page.html`) – das Handbuch als eine große HTML-Seite.
  *(großer einmaliger Download)*
- notation.pdf (`../notation.pdf`) – das Handbuch als PDF-Datei.
  *(großer einmaliger Download)*

## Benutzung

### Benutzerhandbuch

Dieses Buch erklärt, wie die Programme ausgeführt werden, wie man LilyPond-Notation in andere Programme integrieren kann und macht Vorschläge, wie man am besten seine Notationsdateien anlegt. Es wird empfohlen, das Dokument zu lesen, bevor man größere Projekte in Angriff nimmt.

### Lesen Sie

- Benutzung (geteiltes HTML) (`../usage/index.html`) – das Handbuch wird in viele HTML-

Seiten aufgeteilt.
*(kleiner Download für jede Seite)*

- Benutzung (großes HTML) (`../usage-big-page.html`) − das Handbuch als eine große HTML-Seite.
*(großer einmaliger Download)*
- usage.pdf (`../usage.pdf`) − das Handbuch als PDF-Datei.
*(großer einmaliger Download)*

# Schnipsel

## Schnipsel

Hier werden ausgewählte Schnipsel an LilyPond-Code mit der produzierten Notation gezeigt. Die Schnipsel stammen aus dem LilyPond-Schnipsel-Depot (`https://lsr.di.unimi.it`) (LSR) und stehen alle unter der Public Domain.

Beachten Sie, dass dieses Dokument keine bestimmte Teilmenge von LSR darstellt. LSR läuft unter der stabilen Version von LilyPond, sodass jedes Schnipsel, das eine neue Eigenschaft von der Entwicklungsversion zeigt, extra hinzugefügt werden muss. Diese Schnipsel sind in `Documentation/snippets/new/` unterhalb des Quellverzeichnisses von LilyPond gespeichert.

Die Schnipsel-Listen für jeden Abschnitt der Notationsreferenz sind auch verlinkt vom **Siehe auch**-Absatz.

## Lesen Sie

- Schnipsel (geteiltes HTML) (`../snippets/index.html`) − das Handbuch wird in viele HTML-Seiten aufgeteilt.
*(kleiner Download für jede Seite)*
- Schnipsel (großes HTML) (`../snippets-big-page.html`) − das Handbuch als eine große HTML-Seite.
*(großer einmaliger Download)*
- snippets.pdf (`../snippets.pdf`) − das Handbuch als PDF-Datei.
*(großer einmaliger Download)*

# FAQ

## Einleitende Fragen

## Wo sind die graphischen Menüs, Werkzeugleisten und Notenblatt?

LilyPond erfordert es, dass Noten als Text eingegeben werden. Lesen Sie bitte über unsere [Texteingabe], Seite 25.

## Es gibt sehr viel Dokumentation! Muss ich das alles

lesen?

Sie müssen das [Einführung], Seite 52, lesen. Der Rest der Dokumentation ist zum Nachschlagen gedacht, wenn Sie eine bestimmte Art von Notationszeichen oder -typ brauchen.

## Das ist trotzdem noch viel zu lesen! Lohnt sich das

denn?

Das müssen Sie selber entscheiden; die Gründe, warum Sie LilyPond anderen Programmen vorziehen können, sind dargestellt in der [Einleitung], Seite 1.

### Benutzungsfragen

### Etwas funktioniert nicht! Wie kann ich es reparieren?

Das wird erklärt in Abschnitt “Fehlersuche” in *Anwendungsbenutzung*.

### Warum ändern Sie die Syntax?

Das wird erklärt in Abschnitt “Warum verändert sich die Syntax?” in *Anwendungsbenutzung*.

## Web

### Web

Dieses Handbuch stellt allgemeine Information zu LilyPond zur Verfügung. Es enthält auch Information über die verschiedenen Gemeinschaftsforen, das Melden von Fehlern und die Mitarbeit am Programm.

### Lesen Sie es

### Das neueste Handbuch

[⟨undefined⟩], Seite ⟨undefined⟩,

### Web-Handbuch von 2.25.81

- Web (geteiltes HTML) (`../web/index.html`) − das Handbuch wird in viele HTML-Seiten aufgeteilt.
  *(kleiner Download für jede Seite)*
- Web (großes HTML) (`../web-big-page.html`) − das Handbuch als eine große HTML-Seite.
  *(großer einmaliger Download)*
- web.pdf (`../web.pdf`) − das Handbuch als PDF-Datei.
  *(großer einmaliger Download)*

## Änderungen

### Änderungen

Hier eine Zusammenfassung von wichtigen Veränderungen und neuen Eigenschaften in LilyPond seit der vorigen stabilen Version.

### Lesen Sie

- Änderungen (geteiltes HTML) (`../changes/index.html`) − das Handbuch wird in viele HTML-Seiten aufgeteilt.
  *(kleiner Download für jede Seite)*
- Änderungen (großes HTML) (`../changes-big-page.html`) − das Handbuch als eine große HTML-Seite.
  *(großer einmaliger Download)*
- changes.pdf (`../changes.pdf`) − das Handbuch als PDF-Datei.
  *(großer einmaliger Download)*

## Erweitern

### Erweitern Sie LilyPond

Dieses Handbuch erklärt, wie man Erweiterungen für LilyPond schreibt.

### Lesen Sie

- Erweitert (geteiltes HTML) (`../extending/index.html`) – das Handbuch wird in viele HTML-Seiten aufgeteilt.
  *(kleiner Download für jede Seite)*
- Erweitert (großes HTML) (`../extending-big-page.html`) – das Handbuch als eine große HTML-Seite.
  *(großer einmaliger Download)*
- extending.pdf (`../extending.pdf`) – das Handbuch als PDF-Datei.
  *(großer einmaliger Download)*

## Interna

### Handbuch der Interna

Hierbei handelt es sich um eine Anzahl sehr stark verlinkter Seiten, welche alle klitzekleinen Details von jeder einzigen LilyPond-Klasse, jedem Objekt und jeder Funktion dokumentieren. Das Dokument wird direkt aus den Formatanweisungen des Quellcodes erstellt und ist nur auf Englisch erhältlich.

Fast alle Formatierungsfunktionen, die intern benutzt werden, stehen auch direkt dem Benutzer zur Verfügung. Beispielsweise die meisten Variablen, die Dickewerte, Entfernungen usw. kontrollieren, können in der Eingabedatei verändert werden. Es gibt eine große Anzahl von Formatierungsoptionen und alle sind in diesem Dokument erklärt. Jeder Abschnitt der Notationsreferenz hat einen **Siehe auch**-Abschnitt, der auf diese Dokumentation verweist.

### Lesen Sie

- Interna (geteiltes HTML) (`../internals/index.html`) – das Handbuch wird in viele HTML-Seiten aufgeteilt.
  *(kleiner Download für jede Seite)*
- Interna (großes HTML) (`../internals-big-page.html`) – das Handbuch als eine große HTML-Seite.
  *(großer einmaliger Download)*
- internals.pdf (`../internals.pdf`) – das Handbuch als PDF-Datei.
  *(großer einmaliger Download)*

## Alles

### Versionen zum Herunterladen

Tar-Archive zum Herunterladen sind nur über `https://lilypond.org` erhältlich.

### Frühere stabile Versionen

- LilyPond 2.22 Dokumentation (`https://lilypond.org/doc/v2.22/Documentation/web/manuals.de.html`) (auf deutsch)
- LilyPond 2.20 Dokumentation (`https://lilypond.org/doc/v2.20/Documentation/web/manuals.de.html`) (auf deutsch)
- LilyPond 2.18 Dokumentation (`https://lilypond.org/doc/v2.18/Documentation/web/manuals.de.html`) (auf deutsch)
- LilyPond 2.16 Dokumentation (`https://lilypond.org/doc/v2.16/Documentation/web/manuals.de.html`) (auf deutsch)
- LilyPond 2.14 Dokumentation (`https://lilypond.org/doc/v2.14/Documentation/web/manuals.de.html`) (auf deutsch)

- LilyPond 2.12 Dokumentation (`https://lilypond.org/doc/v2.12/Documentation/index.de.html`) (auf deutsch)
- LilyPond 2.10 Dokumentation (`https://lilypond.org/doc/v2.10/Documentation/`) (auf englisch)
- LilyPond 2.8 Dokumentation (`https://lilypond.org/doc/v2.8/Documentation/`) (auf englisch)
- LilyPond 2.6 Dokumentation (`https://lilypond.org/doc/v2.6/Documentation/`) (auf englisch)
- LilyPond 2.4 Dokumentation (`https://lilypond.org/doc/v2.4/Documentation/out-www/`) (auf englisch)
- LilyPond 2.2 Dokumentation (`https://lilypond.org/doc/v2.2/Documentation/out-www/`) (auf englisch)
- LilyPond 2.0 Dokumentation (`https://lilypond.org/doc/v2.0/Documentation/out-www/`) (auf englisch)
- LilyPond 1.8 Dokumentation (`https://lilypond.org/doc/v1.8/Documentation/out-www/`) (auf englisch)
- LilyPond 1.6 Dokumentation (`https://lilypond.org/doc/v1.6/Documentation/out-www/`) (auf englisch)

# FDL

## Lizenz der Dokumentation

Die Dokumentation für GNU LilyPond wird unter der GNU Free Documentation License publiziert. Eine Einführung in diese Lizenz und Gründe für ihre Benutzung finden sich in [Freiheit], Seite 17.

## GNU Free Documentation License 1.3

Version 1.3, 3 November 2008

Copyright © 2000, 2001, 2002, 2007, 2008 Free Software Foundation, Inc.
`https://fsf.org/`

Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

0. PREAMBLE

The purpose of this License is to make a manual, textbook, or other functional and useful document *free* in the sense of freedom: to assure everyone the effective freedom to copy and redistribute it, with or without modifying it, either commercially or noncommercially. Secondarily, this License preserves for the author and publisher a way to get credit for their work, while not being considered responsible for modifications made by others.

This License is a kind of "copyleft", which means that derivative works of the document must themselves be free in the same sense. It complements the GNU General Public License, which is a copyleft license designed for free software.

We have designed this License in order to use it for manuals for free software, because free software needs free documentation: a free program should come with manuals providing the same freedoms that the software does. But this License is not limited to software manuals; it can be used for any textual work, regardless of subject matter or whether it is published as a printed book. We recommend this License principally for works whose purpose is instruction or reference.

1. APPLICABILITY AND DEFINITIONS

   This License applies to any manual or other work, in any medium, that contains a notice placed by the copyright holder saying it can be distributed under the terms of this License. Such a notice grants a world-wide, royalty-free license, unlimited in duration, to use that work under the conditions stated herein. The "Document", below, refers to any such manual or work. Any member of the public is a licensee, and is addressed as "you". You accept the license if you copy, modify or distribute the work in a way requiring permission under copyright law.

   A "Modified Version" of the Document means any work containing the Document or a portion of it, either copied verbatim, or with modifications and/or translated into another language.

   A "Secondary Section" is a named appendix or a front-matter section of the Document that deals exclusively with the relationship of the publishers or authors of the Document to the Document's overall subject (or to related matters) and contains nothing that could fall directly within that overall subject. (Thus, if the Document is in part a textbook of mathematics, a Secondary Section may not explain any mathematics.) The relationship could be a matter of historical connection with the subject or with related matters, or of legal, commercial, philosophical, ethical or political position regarding them.

   The "Invariant Sections" are certain Secondary Sections whose titles are designated, as being those of Invariant Sections, in the notice that says that the Document is released under this License. If a section does not fit the above definition of Secondary then it is not allowed to be designated as Invariant. The Document may contain zero Invariant Sections. If the Document does not identify any Invariant Sections then there are none.

   The "Cover Texts" are certain short passages of text that are listed, as Front-Cover Texts or Back-Cover Texts, in the notice that says that the Document is released under this License. A Front-Cover Text may be at most 5 words, and a Back-Cover Text may be at most 25 words.

   A "Transparent" copy of the Document means a machine-readable copy, represented in a format whose specification is available to the general public, that is suitable for revising the document straightforwardly with generic text editors or (for images composed of pixels) generic paint programs or (for drawings) some widely available drawing editor, and that is suitable for input to text formatters or for automatic translation to a variety of formats suitable for input to text formatters. A copy made in an otherwise Transparent file format whose markup, or absence of markup, has been arranged to thwart or discourage subsequent modification by readers is not Transparent. An image format is not Transparent if used for any substantial amount of text. A copy that is not "Transparent" is called "Opaque".

   Examples of suitable formats for Transparent copies include plain ASCII without markup, Texinfo input format, LaTeX input format, SGML or XML using a publicly available DTD, and standard-conforming simple HTML, PostScript or PDF designed for human modification. Examples of transparent image formats include PNG, XCF and JPG. Opaque formats include proprietary formats that can be read and edited only by proprietary word processors, SGML or XML for which the DTD and/or processing tools are not generally available, and the machine-generated HTML, PostScript or PDF produced by some word processors for output purposes only.

   The "Title Page" means, for a printed book, the title page itself, plus such following pages as are needed to hold, legibly, the material this License requires to appear in the title page. For works in formats which do not have any title page as such, "Title Page" means the text near the most prominent appearance of the work's title, preceding the beginning of the body of the text.

The “publisher” means any person or entity that distributes copies of the Document to the public.

A section “Entitled XYZ” means a named subunit of the Document whose title either is precisely XYZ or contains XYZ in parentheses following text that translates XYZ in another language. (Here XYZ stands for a specific section name mentioned below, such as “Acknowledgements”, “Dedications”, “Endorsements”, or “History”.) To “Preserve the Title” of such a section when you modify the Document means that it remains a section “Entitled XYZ” according to this definition.

The Document may include Warranty Disclaimers next to the notice which states that this License applies to the Document. These Warranty Disclaimers are considered to be included by reference in this License, but only as regards disclaiming warranties: any other implication that these Warranty Disclaimers may have is void and has no effect on the meaning of this License.

2. VERBATIM COPYING

   You may copy and distribute the Document in any medium, either commercially or noncommercially, provided that this License, the copyright notices, and the license notice saying this License applies to the Document are reproduced in all copies, and that you add no other conditions whatsoever to those of this License. You may not use technical measures to obstruct or control the reading or further copying of the copies you make or distribute. However, you may accept compensation in exchange for copies. If you distribute a large enough number of copies you must also follow the conditions in section 3.

   You may also lend copies, under the same conditions stated above, and you may publicly display copies.

3. COPYING IN QUANTITY

   If you publish printed copies (or copies in media that commonly have printed covers) of the Document, numbering more than 100, and the Document’s license notice requires Cover Texts, you must enclose the copies in covers that carry, clearly and legibly, all these Cover Texts: Front-Cover Texts on the front cover, and Back-Cover Texts on the back cover. Both covers must also clearly and legibly identify you as the publisher of these copies. The front cover must present the full title with all words of the title equally prominent and visible. You may add other material on the covers in addition. Copying with changes limited to the covers, as long as they preserve the title of the Document and satisfy these conditions, can be treated as verbatim copying in other respects.

   If the required texts for either cover are too voluminous to fit legibly, you should put the first ones listed (as many as fit reasonably) on the actual cover, and continue the rest onto adjacent pages.

   If you publish or distribute Opaque copies of the Document numbering more than 100, you must either include a machine-readable Transparent copy along with each Opaque copy, or state in or with each Opaque copy a computer-network location from which the general network-using public has access to download using public-standard network protocols a complete Transparent copy of the Document, free of added material. If you use the latter option, you must take reasonably prudent steps, when you begin distribution of Opaque copies in quantity, to ensure that this Transparent copy will remain thus accessible at the stated location until at least one year after the last time you distribute an Opaque copy (directly or through your agents or retailers) of that edition to the public.

   It is requested, but not required, that you contact the authors of the Document well before redistributing any large number of copies, to give them a chance to provide you with an updated version of the Document.

4. MODIFICATIONS

You may copy and distribute a Modified Version of the Document under the conditions of sections 2 and 3 above, provided that you release the Modified Version under precisely this License, with the Modified Version filling the role of the Document, thus licensing distribution and modification of the Modified Version to whoever possesses a copy of it. In addition, you must do these things in the Modified Version:

A. Use in the Title Page (and on the covers, if any) a title distinct from that of the Document, and from those of previous versions (which should, if there were any, be listed in the History section of the Document). You may use the same title as a previous version if the original publisher of that version gives permission.

B. List on the Title Page, as authors, one or more persons or entities responsible for authorship of the modifications in the Modified Version, together with at least five of the principal authors of the Document (all of its principal authors, if it has fewer than five), unless they release you from this requirement.

C. State on the Title page the name of the publisher of the Modified Version, as the publisher.

D. Preserve all the copyright notices of the Document.

E. Add an appropriate copyright notice for your modifications adjacent to the other copyright notices.

F. Include, immediately after the copyright notices, a license notice giving the public permission to use the Modified Version under the terms of this License, in the form shown in the Addendum below.

G. Preserve in that license notice the full lists of Invariant Sections and required Cover Texts given in the Document's license notice.

H. Include an unaltered copy of this License.

I. Preserve the section Entitled "History", Preserve its Title, and add to it an item stating at least the title, year, new authors, and publisher of the Modified Version as given on the Title Page. If there is no section Entitled "History" in the Document, create one stating the title, year, authors, and publisher of the Document as given on its Title Page, then add an item describing the Modified Version as stated in the previous sentence.

J. Preserve the network location, if any, given in the Document for public access to a Transparent copy of the Document, and likewise the network locations given in the Document for previous versions it was based on. These may be placed in the "History" section. You may omit a network location for a work that was published at least four years before the Document itself, or if the original publisher of the version it refers to gives permission.

K. For any section Entitled "Acknowledgements" or "Dedications", Preserve the Title of the section, and preserve in the section all the substance and tone of each of the contributor acknowledgements and/or dedications given therein.

L. Preserve all the Invariant Sections of the Document, unaltered in their text and in their titles. Section numbers or the equivalent are not considered part of the section titles.

M. Delete any section Entitled "Endorsements". Such a section may not be included in the Modified Version.

N. Do not retitle any existing section to be Entitled "Endorsements" or to conflict in title with any Invariant Section.

O. Preserve any Warranty Disclaimers.

If the Modified Version includes new front-matter sections or appendices that qualify as Secondary Sections and contain no material copied from the Document, you may at your

option designate some or all of these sections as invariant. To do this, add their titles to the list of Invariant Sections in the Modified Version's license notice. These titles must be distinct from any other section titles.

You may add a section Entitled "Endorsements", provided it contains nothing but endorsements of your Modified Version by various parties—for example, statements of peer review or that the text has been approved by an organization as the authoritative definition of a standard.

You may add a passage of up to five words as a Front-Cover Text, and a passage of up to 25 words as a Back-Cover Text, to the end of the list of Cover Texts in the Modified Version. Only one passage of Front-Cover Text and one of Back-Cover Text may be added by (or through arrangements made by) any one entity. If the Document already includes a cover text for the same cover, previously added by you or by arrangement made by the same entity you are acting on behalf of, you may not add another; but you may replace the old one, on explicit permission from the previous publisher that added the old one.

The author(s) and publisher(s) of the Document do not by this License give permission to use their names for publicity for or to assert or imply endorsement of any Modified Version.

5. COMBINING DOCUMENTS

You may combine the Document with other documents released under this License, under the terms defined in section 4 above for modified versions, provided that you include in the combination all of the Invariant Sections of all of the original documents, unmodified, and list them all as Invariant Sections of your combined work in its license notice, and that you preserve all their Warranty Disclaimers.

The combined work need only contain one copy of this License, and multiple identical Invariant Sections may be replaced with a single copy. If there are multiple Invariant Sections with the same name but different contents, make the title of each such section unique by adding at the end of it, in parentheses, the name of the original author or publisher of that section if known, or else a unique number. Make the same adjustment to the section titles in the list of Invariant Sections in the license notice of the combined work.

In the combination, you must combine any sections Entitled "History" in the various original documents, forming one section Entitled "History"; likewise combine any sections Entitled "Acknowledgements", and any sections Entitled "Dedications". You must delete all sections Entitled "Endorsements."

6. COLLECTIONS OF DOCUMENTS

You may make a collection consisting of the Document and other documents released under this License, and replace the individual copies of this License in the various documents with a single copy that is included in the collection, provided that you follow the rules of this License for verbatim copying of each of the documents in all other respects.

You may extract a single document from such a collection, and distribute it individually under this License, provided you insert a copy of this License into the extracted document, and follow this License in all other respects regarding verbatim copying of that document.

7. AGGREGATION WITH INDEPENDENT WORKS

A compilation of the Document or its derivatives with other separate and independent documents or works, in or on a volume of a storage or distribution medium, is called an "aggregate" if the copyright resulting from the compilation is not used to limit the legal rights of the compilation's users beyond what the individual works permit. When the Document is included in an aggregate, this License does not apply to the other works in the aggregate which are not themselves derivative works of the Document.

If the Cover Text requirement of section 3 is applicable to these copies of the Document, then if the Document is less than one half of the entire aggregate, the Document's Cover

Texts may be placed on covers that bracket the Document within the aggregate, or the electronic equivalent of covers if the Document is in electronic form. Otherwise they must appear on printed covers that bracket the whole aggregate.

8. TRANSLATION

   Translation is considered a kind of modification, so you may distribute translations of the Document under the terms of section 4. Replacing Invariant Sections with translations requires special permission from their copyright holders, but you may include translations of some or all Invariant Sections in addition to the original versions of these Invariant Sections. You may include a translation of this License, and all the license notices in the Document, and any Warranty Disclaimers, provided that you also include the original English version of this License and the original versions of those notices and disclaimers. In case of a disagreement between the translation and the original version of this License or a notice or disclaimer, the original version will prevail.

   If a section in the Document is Entitled "Acknowledgements", "Dedications", or "History", the requirement (section 4) to Preserve its Title (section 1) will typically require changing the actual title.

9. TERMINATION

   You may not copy, modify, sublicense, or distribute the Document except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, or distribute it is void, and will automatically terminate your rights under this License.

   However, if you cease all violation of this License, then your license from a particular copyright holder is reinstated (a) provisionally, unless and until the copyright holder explicitly and finally terminates your license, and (b) permanently, if the copyright holder fails to notify you of the violation by some reasonable means prior to 60 days after the cessation.

   Moreover, your license from a particular copyright holder is reinstated permanently if the copyright holder notifies you of the violation by some reasonable means, this is the first time you have received notice of violation of this License (for any work) from that copyright holder, and you cure the violation prior to 30 days after your receipt of the notice.

   Termination of your rights under this section does not terminate the licenses of parties who have received copies or rights from you under this License. If your rights have been terminated and not permanently reinstated, receipt of a copy of some or all of the same material does not give you any rights to use it.

10. FUTURE REVISIONS OF THIS LICENSE

    The Free Software Foundation may publish new, revised versions of the GNU Free Documentation License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns. See `https://www.gnu.org/licenses/`.

    Each version of the License is given a distinguishing version number. If the Document specifies that a particular numbered version of this License "or any later version" applies to it, you have the option of following the terms and conditions either of that specified version or of any later version that has been published (not as a draft) by the Free Software Foundation. If the Document does not specify a version number of this License, you may choose any version ever published (not as a draft) by the Free Software Foundation. If the Document specifies that a proxy can decide which future versions of this License can be used, that proxy's public statement of acceptance of a version permanently authorizes you to choose that version for the Document.

11. RELICENSING

    "Massive Multiauthor Collaboration Site" (or "MMC Site") means any World Wide Web server that publishes copyrightable works and also provides prominent facilities for anybody

to edit those works. A public wiki that anybody can edit is an example of such a server. A "Massive Multiauthor Collaboration" (or "MMC") contained in the site means any set of copyrightable works thus published on the MMC site.

"CC-BY-SA" means the Creative Commons Attribution-Share Alike 3.0 license published by Creative Commons Corporation, a not-for-profit corporation with a principal place of business in San Francisco, California, as well as future copyleft versions of that license published by that same organization.

"Incorporate" means to publish or republish a Document, in whole or in part, as part of another Document.

An MMC is "eligible for relicensing" if it is licensed under this License, and if all works that were first published under this License somewhere other than this MMC, and subsequently incorporated in whole or in part into the MMC, (1) had no cover texts or invariant sections, and (2) were thus incorporated prior to November 1, 2008.

The operator of an MMC Site may republish an MMC contained in the site under CC-BY-SA on the same site at any time before August 1, 2009, provided the MMC is eligible for relicensing.

## ADDENDUM: How to use this License for your documents

To use this License in a document you have written, include a copy of the License in the document and put the following copyright and license notices just after the title page:

```
Copyright (C)  year  your name.
Permission is granted to copy, distribute and/or modify this document
under the terms of the GNU Free Documentation License, Version 1.3
or any later version published by the Free Software Foundation;
with no Invariant Sections, no Front-Cover Texts, and no Back-Cover
Texts.  A copy of the license is included in the section entitled ``GNU
Free Documentation License''.
```

If you have Invariant Sections, Front-Cover Texts and Back-Cover Texts, replace the "with. . . Texts." line with this:

```
with the Invariant Sections being list their titles, with
the Front-Cover Texts being list, and with the Back-Cover Texts
being list.
```

If you have Invariant Sections without Cover Texts, or some other combination of the three, merge those two alternatives to suit the situation.

If your document contains nontrivial examples of program code, we recommend releasing these examples in parallel under your choice of free software license, such as the GNU General Public License, to permit their use in free software.

# Gemeinschaft

## Zusammenarbeit mit der Gemeinschaft

- [Kontakt], Seite 65: hier erhalten Sie Hilfe, können diskutieren und in Kontakt mit der Gemeinschaft bleiben.
- [Minimalbeispiele], Seite 67: sie werden *dringend* empfohlen, wenn man über LilyPond diskutieren will.
- [Fehlerberichte], Seite 68: wenn etwas schief gelaufen ist.

## LilyPond verbessern

- [Helfen Sie uns], Seite 69: Ihre Mitarbeit wird benötigt.
- [Sponsoren], Seite 70: finanzielle Unterstützung.
- [Entwicklung], Seite 70: für Mitarbeiter und Tester.
- [Google Summer of Code], Seite 73: Projektideen für den Google Summer of Code (GSoC).
- [Autoren], Seite 76: die Menschen, die LilyPond zu dem gemacht haben, was es heute ist.

## Verschiedenes

- [Veröffentlichungen], Seite 78: was wir geschrieben haben oder was über uns geschrieben wurde.
- [Neuigkeiten], Seite 79: Neuigkeiten vom LilyPond-Projekt.
- [Abstellkammer], Seite 80: Ankündigungen und Listen der Veränderungn von vorherigen Versionen, alte Neuigkeiten, etc.

# Kontakt

## Benutzergruppen und Hilfe

## Benutzer Mailingliste: `lilypond-user@gnu.org`

Diese Mailingliste ist der zentrale Ort, an dem Benutzer diskutieren und einander helfen. Die Sprache der Liste ist Englisch. Zu deutschsprachiger Hilfe, siehe unten.

lilypond-user Abonnement und Info (`https://mail.gnu.org/mailman/listinfo/lilypond-user`)

user Archiv 1 (`https://mail.gnu.org/archive/html/lilypond-user/`) Archiv 2 (`http://www.mail-archive.com/lilypond-user@gnu.org/`)

> **Achtung:** Wenn Sie Fragen stellen (immer auf Englisch) benutzen Sie bitte [Minimalbeispiele], Seite 67!

## Andere Sprachen

Deutsches LilyPond-Forum (`https://lilypondforum.de/`)

Französische Mailingliste (`https://lists.gnu.org/mailman/listinfo/lilypond-user-fr`)

Italienische Mailingliste (`https://lists.gnu.org/mailman/listinfo/lilypond-it`)

Portugiesischsprachige Gruppe (`https://groups.google.com/group/lilypond-brasil`)

Spanische Mailingliste (https://lists.gnu.org/mailman/listinfo/lilypond-es)

### LilyPond-Schnipsel-Depot

Das LilyPond-Schnipsel-Depot (LSR - LilyPond Snippet Repository) ist eine große Sammlung durch Anwender erstellter Beispiele, die frei kopiert und in eigenen Werken verwendet werden dürfen. Schauen Sie, was andere Leute konstruiert haben und fügen Sie ggf. eigene Schnipsel hinzu!

https://lsr.di.unimi.it

Besonders lehrreiche Beispiele aus dem LSR werden in unsere offizielle Dokumentation eingefügt, in [Schnipsel], Seite 54.

## Diskussionen der Entwickler und Übersetzer

### Entwickler-Mailingliste: lilypond-devel@gnu.org

Diskussionen der Entwicklern finden auf dieser Liste statt. Patches können ebenfalls hier hin geschickt werden.

lilypond-devel Abonnement und Info (https://mail.gnu.org/mailman/listinfo/lilypond-devel)

devel Archiv 1 (https://mail.gnu.org/archive/html/lilypond-devel/ ) Archiv 2 (http://www.mail-archive.com/lilypond-devel@gnu.org/)

### Mailingliste für Fehler: bug-lilypond@gnu.org

Fehlermeldungen und Diskussionen finden hier statt, jedoch bitte keine Patches an diese Liste senden.

bug-lilypond Abonnement und Info (https://mail.gnu.org/mailman/listinfo/bug-lilypond)

bug Archiv 1 (https://mail.gnu.org/archive/html/bug-lilypond/) Archiv 2 (http://www.mail-archive.com/bug-lilypond@gnu.org/)

> **Achtung:** Bevor Sie eine Nachricht an die Fehler-Liste schreiben, lesen Sie bitte unsere Richtlinien für [Fehlerberichte], Seite 68.

## Ankündigung neuer Versionen

### Mailingliste für neue Versionen: info-lilypond@gnu.org

Diese Mailingliste hat ein sehr geringes Mailaufkommen und kann nur gelesen werden. Sie dient der Ankündigung neuer Versionen.

info-lilypond Abonnement und Info (https://lists.gnu.org/mailman/listinfo/info-lilypond)

info Archiv 1 (https://mail.gnu.org/archive/html/info-lilypond/) Archiv 2 (http://www.mail-archive.com/info-lilypond@gnu.org/)

## IRC

Unterstützung können Sie auch auf unserem IRC-Kanal erhalten:

#lilypond@irc.libera.chat (irc://irc.libera.chat/lilypond)

Dieser Kanal hat kein öffentliches Archiv, sodass jede Frage, die auch für andere Benutzer nützlich sein könnte, besser auf der Mailingliste gestellt wird.

# Minimalbeispiele

## Was sind „Minimalbeispiele“?

Ein Minimalbeispiel ist eine vollständige Quelldatei, die **nicht** mehr weiter reduziert werden kann, ohne dass das illustrierte Problem verschwindet. Es sollten keine Warnungen und Fehlermeldungen produziert werden, die nicht mit dem Problem im Zusammenhang stehen.

## Warum sollte ich Minimalbeispiele erstellen?

- Je einfacher ein Beispiel ist, um so schneller können mögliche Hilfeleistende das Beispiel untersuchen, das auftretende Problem einkreisen und Ihnen helfen.
- Die effiziente Analyse eines Problems erfordert ohnehin eine Reduktion auf das Wesentliche. Wenn Sie umfangreiches Material an die Liste schicken, dann erwecken Sie den Eindruck, dass Ihnen die Lösung Ihres Problems keine eigene Mühe wert ist.
- Ein Minimalbeispiel zu erstellen hilft Ihnen zu verstehen, was vorgeht. Viele Problemberichte erübrigen sich schon während der Erstellung eines Minimalbeispiels. Ist ein „Bug“ mit einem bestimmten Minimalbeispiel nicht reproduzierbar, ist es wahrscheinlich, daß er andere Ursachen als vermutet hat.

## Wie werden sie erstellt?

- Immer die `\version`-Nummer einfügen.
- Machen Sie es klein! Beispiele zur Platzverteilung oder dem Seitenlayout können viele Notentakte erfordern, aber die meisten Probleme können in weniger als einem einzigen Takt gezeigt werden.
- Wenn Sie versuchen, ein Beispiel zu erstellen, versuchen Sie zuerst, Abschnitte Ihrer Datei auszukommentieren (`%` oder `%{ ... %}`). Wenn Sie etwas auskommentieren können, und das Problem immer noch vorhanden ist, entfernen Sie die auskommentierten Abschnitte.
- Vermeiden Sie komplizierte Noten, Tonarten, Schlüssel oder Taktarten, es sei denn Ihr Problem hat mit ihnen etwas zu tun.
- Benutzen Sie nicht `\override` oder `\set`, es sei denn, der Fehler zeigt sich im Zusammenhang mit diesen Befehlen.
- Sie können auch zusätzlich ein Bild anhängen, welches die gewünschte graphische Darstellung zeigt.

## Wie klein sollten sie sein?

Ist der Code unten ein Minimalbeispiel?

```
\version "2.14.1"
\include "english.ly"

\score {
  \new Staff {
    \key d \major
    \numericTimeSignature
    \time 2/4
    <cs' d'' b''>16 <cs' d'' b''>8.
    %% Here: the tie on the D's looks funny
    %% Too tall? Left-hand endpoint is not aligned with the B tie?
    ~
    <cs' d'' b''>8 [ <b d'' a''> ]
  }
```

```
}
```

Das ist zwar kein langer Code, aber ein wirkliches Minimalbeispiel ist folgendes:

```
\version "2.14.1"
{
  % middle tie looks funny here:
  <c' d'' b''>8. ~ <c' d'' b''>8
}
```

Wenige Minimalbeispiele brauchen mehr als 10 Zeilen, meistens kann das Problem mit vier Zeilen gezeigt werden!

## Fehlerberichte

Wenn Ihre Datei zu einem Programmabsturz oder falschem Notensatz führt, handelt es sich um einen Fehler.

### 1. Schritt: Bekannte Fehler

Vielleicht ist der Fehler schon bekannt. Prüfen Sie hier:

`https://gitlab.com/lilypond/lilypond/-/issues`

> **Achtung:** Bitte fügen Sie **NICHT** selber neue Fehlerberichte hinzu! Wenn der Fehler einmal im Bug-Tracker zu sehen ist, können Sie selber weitere Informationen hinzufügen.

### 2. Schritt: Einen Fehlerbericht erstellen

Wenn Sie einen Fehler entdeckt haben, der nicht aufgelistet ist, helfen Sie uns bitte, indem Sie einen Fehlerbericht (bug report) erstellen.

> **Achtung:** Wir akzeptieren Fehlerberichte nur als [Minimalbeispiele], Seite 67. Wir haben sehr begrenzte Ressourcen, weshalb jedes nicht-Minimalbeispiel zurückgewiesen wird. Fast jeder Fehler kann mit vier oder sogar weniger Noten demonstriert werden!

Hier ein Beispiel eines guten bug reports:

```
% Accidentals should be printed for only
% the first note in a tie, but this version
% prints flats on both notes.
\version "2.10.1"

\relative c'' {
 bes1 ~
 bes1
}
```

### 3. Schritt: Einsenden eines Fehlerberichtes

Wenn Sie sichergestellt haben, dass der Fehler noch nicht bekannt ist und einen Fehlerbericht erstellt haben, senden sie ihn bitte an uns!

Leider gibt es kein Interface mehr, um ohne Abonnement auf die Liste bug-lilypond zu schreiben; siehe

`https://lists.gnu.org/mailman/listinfo/bug-lilypond`

für weitere Informationen.

### 4. Schritt: Auf Antwort warten

Wenn Ihr Fehlerbericht an die Liste versandt wurde, untersuchen unsere Fehlerbeseitiger (engl. bug squad) den Bericht. Sie werden eventuell nach mehr Information gefragt. Sie werden informiert, wann der Bericht im Tracker hinzugefüt wird. Warten Sie bitte vier Tage, da uns für diese Tätigkeit nur eine geringe Zahl an Helfern zur Verfügung stehen.

Wenn ein Fehler dem Tracker hinzugefügt wurde, können Sie ihn kommentieren, um mehr Information hinzuzufügen oder automatisch benachrichtigt zu werden.

### Optionale Hilfe: Das gewünschte Verhalten erklären

Wenn ein Fehlerbericht einmal dem Tracker hinzugefügt wurde, kann es sehr hilfreich sein, wenn wir sehen können, wie die gewünschte Ausgabe aussieht. Sie können beliebig Code, Text und Bilder (auch mit anderen Programmen erstellt) hinzufügen, die das gewünschte Bild demonstrieren.

## Helfen Sie uns

### Wir brauchen Sie!

Vielen Dank, dass Sie sich dafür interessieren, uns zu helfen – wir freuen uns sehr, wenn Sie sich einbringen. Bitte denken Sie daran, dass Sie auch allen anderen LilyPond-Benutzern helfen, wenn Sie sich an der Entwicklung beteiligen.

Auch kleine Aufgaben können große Auswirkungen haben: wenn man sich ihnen annimmt, können sich die erfahrenen Entwickler den schwierigen Aufgaben widmen anstatt diese einfachen Probleme zu lösen.

Bei einem so großen und vielfältigen Projekt wie LilyPond ist es oft schwierig zu entscheiden, wo man anfangen soll. Zusätzlich zu den Vorschlägen, die sich weiter unten finden, können Sie auch eine E-Mail (auf Englisch) an den Frog meister schicken und Ihre Fähigkeiten mitteilen, sodass er Ihnen einen Einstieg zeigen oder Ihnen bei ihren eigenen Projekten helfen kann.

### Einfache Aufgaben

**Keine Kentnisse im Programmieren** benötigt!

- Unterstützung auf der Mailingliste: beantworten Sie Fragen von anderen Benutzern.
- Fehlerberichte: helfen Sie anderen Benutzern, richtige [Fehlerberichte], Seite 68, zu erstellen und/oder schließen Sie sich dem Fehlerteam an, um die Abschnitt “Probleme” in *Contributor's Guide* zu verwalten.
- Dokumentation: kleine Änderungen (immer zuerst auf Englisch) können vorgeschlagen werden, wenn die Richtlinien von Abschnitt “Vorschläge für die Dokumentation” in *Contributor's Guide* beachtet werden.
- Das LilyPond-Schnipsel-Depot (LSR): erstellen und reparieren Sie Schnipsel nach den Richtlinien in Abschnitt “Hinzufügen und Bearbeiten von Schnipseln.” in *Contributor's Guide*.
- Diskussionen, Gutachten und Testen: die Entwickler brauchen oft Feedback zu neuer Dokumentation, möglichen Änderungen der Syntax und um neue Funktionen zu testen. Bitte nehmen Sie an diesen Diskussionen teil!

### Fortgeschrittene Aufgaben

Diese Aufgaben setzen voraus, dass Sie die Quellen von Programm und Dokumentation haben und die Quellen auch kompilieren können.

**Achtung:** Wir empfehlen, dass Beitragende, die Windows oder MacOS X benutzen, **nicht** ihre eigene Entwicklungsumgebung einrichten, sondern anstattdessen lilybuntu benutzen, welches besprochen ist in Abschnitt "Schnellstart" in *Contributor's Guide*.

Beitragende, die GNU/Linux oder FreBSD benutzen, können auch lilybuntu einsetzen, aber wenn Sie Ihre eigene Entwicklungsumgebung einrichten wollen, lesen Sie bitte Abschnitt "Mit dem Sourcecode arbeiten" in *Contributor's Guide* und Abschnitt "Kompilieren" in *Contributor's Guide*.

Beginnen Sie, indem Sie das Kapitel Abschnitt "Zusammenfassung für erfahrene Entwickler" in *Contributor's Guide* lesen.

- Dokumentation: für große Änderungen siehe Abschnitt "Arbeit an der Dokumentation" in *Contributor's Guide*.
- Website: die Website wird aus der Quelle der Dokumentation erstellt. Siehe die Information über die Dokumentation und zusätzlich Abschnitt "Arbeit an der Webseite" in *Contributor's Guide*.
- Übersetzungen: siehe Abschnitt "Die Dokumentation übersetzen" in *Contributor's Guide* und Abschnitt "Die Webseite übersetzen" in *Contributor's Guide*.
- Fehlerberichte oder neue Eigenschaften: die beste Art, hiermit zu beginnen ist es, sich den *Frogs*, den Fehlervertilgern, anzuschließen. Siehe auch Abschnitt "Programmierungsarbeiten" in *Contributor's Guide*.

## Sponsoren

### Kopfgelder/Prämien

In der Vergangenheit

- haben einige Benutzers für neue Eigenschaften bezahlt
- haben sich einige Entwickler einstellen lassen, um neue Eigenschaften hinzuzufügen

Das LilyPond-Projekt kann derartige Verabredungen nicht koordinieren, wir wollen deshalb weder dazu aufrufen noch davon abraten. Jegliche Abkommen zwischen privaten Personen beziehen sich nur auf diese Personen, ncht auf das LilyPond-Projekt.

### Richtlinien

Jeder Benutzer, der Geld gegen Arbeit eintauschen will, sollte Folgendes im Auge behalten:

- LilyPond-Entwickler können ihre Angebote auf den E-Mail-Listen von Zeit zu Zeit bewerben.
- Jegliche Abkommen zwischen privaten Personen sollten die normalen Vorsichtsmaßnahmen beinhalten: wer bezahlt, wieviel bezahlt werden soll, mit welcher Methoden und nach welchen Bedingungen. Wir empfehlen, dass alle Unklarheiten bezüglich dieser Punkte geklärt werden sollten, bevor die Arbeit beginng.

## Entwicklung

## Entwicklung für LilyPond 2.25.81

**Achtung:** Hier handelt es sich um *möglicherweise instabile* Entwicklerversionen. Wenn Sie nicht genau wissen, wie man LilyPond installiert und benutzt, empfehlen wir ausdrücklich, die [Download], Seite 39-Version zu benutzen und die [Handbücher], Seite 51, zu lesen.

## Veröffentlichungsnummern

Es gibt zwei Veröffentlichungsreihen für LilyPond: stabile Versionen und die instabilen Entwicklerversionen. Stabile Versionen haben eine gerade zweite Versionsnummer (also etwa 2.14, 2.16, 2.18). Entwicklerversionen haben eine ungerade zweite Versionsnummer (also 2.15, 2.17, 2.19).

## Download

Anleitungen zu git und der Kompilierung finden sich im Contributor's Guide (nur auf Englisch).

lilypond git-Repositorium (`https://git.sv.gnu.org/gitweb/?p=lilypond.git`)

Schreiber der Dokumentation und Tester sollten die neuesten Binärpakete herunterladen:

GNU/Linux x86_64: LilyPond 2.25.81 (`https://gitlab.com/lilypond/lilypond/-/releases/v2.25.81/downloads/lilypond-2.25.81-linux-x86_64.tar.gz`)

macOS arm64: LilyPond 2.25.81 (`https://gitlab.com/lilypond/lilypond/-/releases/v2.25.81/downloads/lilypond-2.25.81-darwin-arm64.tar.gz`)

macOS x86_64: LilyPond 2.25.81 (`https://gitlab.com/lilypond/lilypond/-/releases/v2.25.81/downloads/lilypond-2.25.81-darwin-x86_64.tar.gz`)

MacPorts Paket (`https://ports.macports.org/port/lilypond-devel/summary`)

Windows x86_64: LilyPond 2.25.81 (`https://gitlab.com/lilypond/lilypond/-/releases/v2.25.81/downloads/lilypond-2.25.81-mingw-x86_64.zip`)

Source: lilypond-2.25.81.tar.gz (`https://lilypond.org/download/sources/v2.25/lilypond-2.25.81.tar.gz`)-de

Falls Sie unsicher sind, wie diese Binärpakete installiert werden, lesen Sie bitte den Anfang der Abschnitt "Einführung" in *Handbuch zum Lernen*.

## Handbuch für Entwicklungsarbeiten (Contributor's guide)

Die Entwicklung von LilyPond ist eine ziemlich komplizierte Angelegenheit. Um neuen Mitarbeitern zu helfen und das ganze System (ziemlich) stabil zu halten, haben wir ein Handbuch für Entwicklungsarbeiten geschrieben (nur auf Englisch).

- Handbuch für Entwicklungsarbeiten (geteiltes HTML) (`../contributor/index.html`) – das Handbuch wird in viele HTML-Seiten aufgeteilt.
  *(kleiner Download für jede Seite)*
- Handbuch für Entwicklungsarbeiten (großes HTML) (`../contributor-big-page.html`) – das Handbuch als eine große HTML-Seite.
  *(großer einmaliger Download)*
- contributor.pdf (`../contributor.pdf`) – das Handbuch als PDF-Datei.
  *(großer einmaliger Download)*

## Regressionstests

- Regressionstests (`../../input/regression/collated-files.html`): Die Regressionstests dieser Version. (PDF-Version (`../../input/regression/collated-files.pdf`))
- MusicXML-Tests (`../../input/regression/musicxml/collated-files.html`): musicXML-Regressionstests dieser Version. (PDF-Version (`../../input/regression/musicxml/collated-files.pdf`))

- abc2ly-Tests (../../input/regression/abc2ly/collated-files.html): abc2ly-Tests dieser Version. (PDF-Version (../../input/regression/abc2ly/collated-files.pdf))

## Handbücher

**Achtung:** Diese Handbücher sind für LilyPond 2.26.0; die neuesten Handbücher finden sich unter https://lilypond.org.

**Einleitung**

| | | |
|---|---|---|
| Lernen (geteiltes HTML) (./learning/index.html) | Lernen (großes HTML) (./learning-big-page.html) | learning.pdf (../learning.pdf) |
| Glossar (geteiltes HTML) (./music-glossary/index.html) | Glossar (großes HTML) (../music-glossary-big-page.html) | music-glossary.pdf (../music-glossary.pdf) |
| Aufsatz (geteiltes HTML) (./essay/index.html) | Aufsatz (großes HTML) (./essay-big-page.html) | essay.pdf (../essay.pdf) |

**Häufig benötigte Handbücher**

| | | |
|---|---|---|
| Notation (geteiltes HTML) (../notation/index.html) | Notation (großes HTML) (../notation-big-page.html) | notation.pdf (../notation.pdf) |
| Benutzung (geteiltes HTML) (../usage/index.html) | Benutzung (großes HTML) (../usage-big-page.html) | usage.pdf (../usage.pdf) |
| Schnipsel (geteiltes HTML) (../snippets/index.html) | Schnipsel (großes HTML) (../snippets-big-page.html) | snippets.pdf (../snippets.pdf) |

**Seltener benötigte Handbücher**

| | | |
|---|---|---|
| Webseite (geteiltes HTML) (../web/index.html) | Webseite (großes HTML) (../web-big-page.html) | web.pdf (../web.pdf) |
| Veränderungen (geteiltes HTML) (../changes/index.html) | Veränderungen (großes HTML) (../changes-big-page.html) | changes.pdf (../changes.pdf) |
| Erweitern (geteiltes HTML) (../extending/index.html) | Erweitern (großes HTML) (../extending-big-page.html) | extending.pdf (../extending.pdf) |
| Interna (geteiltes HTML) (./internals/index.html) | Interna (großes HTML) (./internals-big-page.html) | internals.pdf (../internals.pdf) |

# Google Summer of Code

## What is Google Summer of Code?

GSoC (https://summerofcode.withgoogle.com/) is a global program that offers stipends to contributors to write code for free software and open source projects. Within a flexible time frame of three months or more, contributors work to complete a given task as part of the project's community and under the guidance of experienced mentors. The program is an excellent opportunity for students and non-professionals to gain experience with real-world software development and make a contribution that benefits everyone. It brings new contributors to LilyPond and enables people who are already involved to become more involved. LilyPond participates in GSoC as part of the GNU project (https://www.gnu.org/).

We had GSoC participants in 2012, 2015, 2016, 2017 and 2020. This site is current for the 2023 program.

## Project Ideas List

Below is a list of GSoC project ideas, but if you have other ideas for a project you are welcome to make a suggestion on our developer mailing list (siehe [Kontakt], Seite 65). There are a number of areas where LilyPond could be improved, and our development team is always willing to help those who would like to tackle a project similar to those listed below. As mentor availability varies from project to project and from year to year it is wise to get in touch with us as early as possible.

Note that we also have „Community Mentors“. We aim at assigning one Community Mentor to each active project who is *not* responsible for discussing the implementation or reviewing the code. Instead they will on the one hand discuss the *design* of the planned features from the (power) user perspective, and they will look after the communication between participant and mentor, and between the two and the community.

A full list of all the current open issues can be found here (https://gitlab.com/lilypond/lilypond/-/issues).

## Adding more glyphs to LilyPond's Emmentaler music font

**More SMuFL glyphs**

The World Wide Web (W3C) consortium (https://www.w3.org/) has been maintaining the Standard Music Font Layout (SMuFL) (https://w3c.github.io/smufl/latest/index.html) with a reference font called Bravura (https://github.com/steinbergmedia/bravura) since a few years; this font contains a large amount of glyphs not part of LilyPond's Emmentaler music font. A mapping between LilyPond glyph names and SMuFL glyph names and encoding can be found in this ongoing project (https://wolfgangsta.github.io/emmentaler-bravura/).

**‚On' and ‚between' staff-line variants**

For some glyphs it would be beneficial to have different glyphs, depending on whether they sit on a staff line or between two staff lines. Examples are shaped note heads (https://lilypond.org/doc/v2.24/Documentation/notation/note-heads#shape-note-heads).

**Shorter and narrower variants of some glyphs**

For tight typesetting situations (i.e., only a small amount of horizontal space is available) it would help to have glyph variants that need less horizontal space, for example narrower accidentals (issues #2141ff (https://gitlab.com/lilypond/lilypond/-/issues/2141)). Another, more specific example could be an ancient notation breve notehead coming in two variants (with a smaller or bigger ‚hole').

*Difficulty:* easy to medium

*Requirements:* MetaFont/MetaPost, C++, good eye for details

*Recommended knowledge:* basic LilyPond knowledge

*Size:* 175h/350h, depending on the selected sub-tasks

*Mentor:* Werner Lemberg

## Improve/Extend Export to MusicXML

There is experimental support for exporting scores to MusicXML. So far there is limited coverage that should be extended, and the export should become more robust with regard to unconventionally organized input files. Several strategies can be thought of in that regard.

Significant progress in coverage has been made in a GSoC Project hosted by Frescobaldi (`https://frescobaldi.org`) in 2017, but there is still much to be done that could make a nice GSoC project.

Working in this project will mainly be done in the python-ly (`https://github.com/wbsoft/python-ly`) repository.

*Difficulty:* easy to hard (depending on the targeted improvements)

*Size of project:* 175h/350h

*Requirements:* Python, MusicXML

*Mentor*: Peter Bjuhr (?)

## Fix Beaming Patterns/Beam Subdivisions and Tuplets

Subdivision is an important way to improve the readability of beamed music. However, despite several attempts at fixing it LilyPond still does not always produce correct results. In order to properly fix this issue it seems necessary to rewrite the responsible code from the ground up. Much work has already been done assessing the issue (see this discussion (`https://lists.gnu.org/archive/html/lilypond-devel/2017-11/msg00037.html`) and issue #5547 (`https://gitlab.com/lilypond/lilypond/-/issues/5547`)).

In the course of this assessment it has been found that LilyPond's conception of *tuplets* is somewhat flawed as well (see this discussion (`https://lists.gnu.org/archive/html/bug-lilypond/2017-11/msg00016.html`)), and that this has to be fixed as well.

*Difficulty:* medium

*Size of project:* 350h

*Requirements:* C++

*Recommended knowledge:* Good musical and mathematical understanding of timing issues

*Mentors:* Carl Sorensen (?)

## Support for Style Sheets

LilyPond's engraving output can be tweaked to the least detail, and one important addition in recent years was the ability to use alternative notation fonts. It is possible to create reusable modules for „house styles“, but this project aims at bringing this to a new level by creating a convenient extension package with support for creating, applying, and sharing modular style sheets. We are looking for a hierarchical structure that allows to mix and match style elements for „house“ (e.g., „my-personal-style“, „client-a“, „client-b“, etc.), score type, paper size, etc.

Work can be built upon the existing notation-fonts (`https://github.com/openlilylib/notation-fonts`) openLilyLib package. We would like to see a further improvement of the loading mechanism for notation fonts (for example, a better separation of loading notation and text fonts) as part of the project, and optionally (this would involve working on Lilypond's C++ code) support for notation fonts that are installed system-wide.

*Difficulty:* medium

*Size of project:* 175h/350h

*Requirements:* Scheme, aesthetic competence

*Recommended:* sense of building hierarchical frameworks

*Optional:* C++ (for font loading internals)

*Mentor: Abraham Lee* (?)

*Community Mentor: Kieren MacMillan*

## Information for Applicants/Participants

**For all GSoC issues related to LilyPond, please contact our ‚lilypond-devel' mailing list (siehe [Kontakt], Seite 65)!**

In order to have a satisfying experience with GSoC applicants are strongly advised to thoroughly read the following recommendations. Some of these are relevant for the application process, others for the time within the project.

- Read all applicable information on the program's website, particularly the students' manual (`https://developers.google.com/open-source/gsoc/resources/manual`). Make sure you fulfill all of Google's prerequisites and are willing to join the program as specified.
- Please get in touch with us as soon as possible if you are interested in applying with a project. Mentor availability may change without notice, project proposals may need fine-tuning, and many other reasons might require us to reject or ignore an application that hasn't been discussed before.
- We do not know in advance how many „slots" we will have available for projects, so please be aware that you may find yourself in competition with other applicants or not. Interested or even enthusiastic response from our mentors is no guarantee of eventually being accepted, and *not* being accepted does not necessarily indicate a negative evaluation of your application. If we have to decide between different applicants there may be various aspects to consider.
- Integration in the LilyPond community is a fundamental part of GSoC, and we expect our participators to make substantial efforts to become community members. Within the *bonding period* we expect you to be active on our mailing lists, introducing yourself but also communicating about unrelated tasks. This goes beyond the mere setting up of a working environment and familiarizing yourself with the relevant code, but we think it is crucial for the GSoC project to be mutually satisfying.
- If you are accepted to the program you will have one mentor explicitly assigned to your project. With this mentor you will have to agree upon a communication strategy, be it emails, chatrooms, issue trackers or voice/video chats. Regular communication is absolutely crucial for the success of a GSoC project so you are stricly required to keep talking to your mentor. But keep in mind that your mentor has explicitly taken over the responsibility for your project, and while unlike you he isn't paid for this activity you are still entitled to get regular attention from him.
- In order to get support from your mentor you have to give him a chance to follow your progress and efforts. Therefore it is important to regularly commit your changes to the versioning repository you are working on. Don't hesitate making unfinished code available because you are afraid of criticism, and don't suppress questions because you think they might be considered stupid. But ideally your code should at any time be accompanied by compatible testing code. Your mentor may not be able to properly assess your code by only *reading* it without the opportunity to apply it in a real example.

There is a list of inactive projects in the [Abstellkammer], Seite 80. We list projects there that are still considered valuable but for which there are currently no mentors available.

# Autoren

## Aktuelles Entwicklungsteam

- Colin Campbell: cpkc.music@shaw.ca, Patch Meister
- Dan Eble: nine.fierce.ballads@gmail.com, Core developer
- Jonas Hahnfeld: hahnjo@hahnjo.de https://www.hahnjo.de/ Core developer, release unbreaker, GitLab manager
- Phil Holmes: mail@philholmes.net http://www.philholmes.net Build unentangler, Bug squad member
- David Kastrup: dak@gnu.org, hard core developer, user and programming interfaces, bug squashing and swamp drainage.
- Werner Lemberg: wl@gnu.org, Fonts, bug squasher
- Han-Wen Nienhuys: hanwen@xs4all.nl, https://www.xs4all.nl/~hanwen/, Main author
- Francisco Vila: Translation Meister

## Früheres Entwicklungsteam

- Jean Abou Samra: jean@abou-samra.fr, https://jean.abou-samra.fr, Factotum
- Mats Bengtsson: mats.bengtsson@ee.kth.se, https://www.kth.se/profile/matben/, Support guru
- Bertrand Bordage: bordage.bertrand@gmail.com, Core developer, font designer
- Trevor Daniels: t.daniels@treda.co.uk, Assistant documentation editor
- Colin Hall: Bug Meister
- Ian Hulin: Core developer
- Reinhold Kainhofer: reinhold@kainhofer.com, https://reinhold.kainhofer.com, Core developer, Music2xml wrangler
- Pedro Kroeger: Build Meister
- Jonathan Kulp: Assistant documentation editor
- James Lowe: Documentation, Patch Meister
- Joe Neeman: Core developer
- Jan Nieuwenhuizen: janneke@gnu.org, https://JoyofSource.com, https://AvatarAcademy.nl, Main author
- John Mandereau: john.mandereau@free.fr, Translation Meister
- Patrick McCarty: SVG guru, bug squad member, bug squasher, text handling
- Graham Percival: https://percival-music.ca, Bug Meister, Grand Documentation Project leader
- Mark Polesky: Documentation, Code cleanup
- Neil Puttock: Core developer
- Jürgen Reuter: reuter_j@web.de, https://www.juergen-reuter.de, Ancient notation
- Mike Solomon: mike@mikesolomon.org, Core developer, Frog Meister
- Erik Sandberg: Bug Meister
- Nicolas Sceaux: Core developer, Schemer extraordinaire
- Carl Sorensen: c_sorensen@byu.edu, Core developer
- Valentin Villenave: Core developer
- Janek Warchoł: janek.lilypond@gmail.com, Core developer

## Aktuelle Mitarbeiter

### Programmierung

Joram Berger, Martín Rincón Botero, Peter Chubb, Amir Czwink, Jiří Hon, Masamichi Hosoda, Nicolas Joyard, Michael Käppler, Mark Knoop, Thomas Morley, Lukas-Fabian Moser, Stefan Mueller, Benkő Pál, Mark Polesky, Alen Šiljak, Kim Shrier, Saul James Tobin, Christoph Wagner, John Wheeler, Éric Würbel, Jason Yip, David Zelinsky, Yiyu Zhou

### Schriftarten

### Dokumentation

Simon Albrecht, Alexander Brock, Federico Bruni, Amir Czwink, Patrice Dumas, Derek Erdmann, Luise Flesch, Felix Janda, Thomas Morley, Paolo Prete, Furkan Şimşekli, David Zelinsky

### Übersetzung

Walter Garcia-Fontes, Jean-Charles Malahieude, Begüm Önal, Gon Solo

## Frühere Mitarbeiter

### Programmierung

Erlend Aasland, Maximilian Albert, Aleksandr Andreev, Guido Amoruso, Don Armstrong, Guido Aulisi, Joe Austin, Sven Axelsson, Kevin Barry, Robin Bannister, Kristof Bastiaensen, Étienne Beaulé, Davide Bonetti, Martín Rincón Botero, Frédéric Bron, Federico Bruni, Tim Burgess, Nathan Chou, Juliusz Chroboczek, Peter Chubb, Angelo Contardi, Thibaut Cuvelier, Vicente Solsona Della, Hajo Dezelski, Michael Welsh Duggan, Hassan Elfatihi, Jefferson Felix, David Feuer, Bertalan Fodor, Richard Gay, Mathieu Giraud, Frederic Gohier, Lisa Opus Goldstein, Adam Good, John Gourlay, David Stephen Grant, Torsten Hämmerle, Yuval Harel, Andrew Hawryluk, Jordan Henderson, Karlin High, Christian Hitz, Karin Hoethker, Rutger Hofmann, Marc Hohl, Masamichi Hosoda, Bernard Hurley, Yoshinobu Ishizaki, Chris Jackson, Felix Janda, David Jedlinsky, Nihal Jere, Martin Joerg, Heikki Junes, Michael Käppler, Doug Kearns, Thomas Klausner, Marek Klein, Mark Knoop, Michael Krause, Tobias Kretschmar, Jean-Baptiste Lamy, John Lemcke, Patrice Levesque, Vincent Le Ligeour, Jonatan Liljedahl, Urs Liska, Peter Lutek, Kieren MacMillan, Andrew Main, John Mandereau, Hendrik Maryns, Malte Meyn, Thomas Morgan, Thomas Morley, Paul Morris, Lukas-Fabian Moser, Alexander Myltsev, David Nalesnik, Matthias Neeracher, Martin Neubauer, Joram Noeck, Keith OHara, Justin Ohmie, Tatsuya Ono, Antonio Ospite, Benkő Pál, Benjamin Peterson, Knut Petersen, Valentin Petzel, Matthew Peveler, Guy Gascoigne-Piggford, Anders Pilegaard, Henning Hraban Ramm, Nathan Reed, Julien Rioux, Johannes Rohrer, Ben Rudiak-Gould, Stan Sanderson, Andreas Scherer, Johannes Schindelin, Patrick Schmidt, Devon Schudy, Boris Shingarov, Kim Shrier, Pete Siddall, Alen Šiljak, Edward Sanford Sutton, Adam Spiers, Tim Starling, David Svoboda, Samuel Tam, Simon Tatham, Heikki Taurainen, Timofey, Piers Titus van der Torren, Owen Tuz, Sebastiano Vigna, Jan-Peter Voigt, Arno Waschk, Nathan Whetsell, Bernhard M. Wiedemann, John Williams, Andrew Wilson, Jaap de Wolff, Milan Zamazal, Rune Zedeler, Boris-Chengbiao Zhou, Rodolfo Zitellini

### Schriftarten

Jay Anderson, Tom Cato Amundsen, Johannes Feulner, David Stephen Grant, Torsten Hämmerle, Marc Hohl, Masamichi Hosoda, Chris Jackson, Alexander Kobel, Owen Lamb, Daniel Benjamin Miller, Abraham Lee, Keith OHara, Carsten Steger, Arno Waschk, Rune Zedeler

### Dokumentation

Erlend Aasland, Simon Albrecht, Trevor Bača, Kevin Barry, Bernhard Bloechl, Alard de Boer, Frédéric Bron, Federico Bruni, Torsten Hämmerle, Jay Hamilton, Joseph Harfouch, Andrew

Hawryluk, Karlin High, Cameron Horsburgh, Geoff Horton, Masamichi Hosoda, Heikki Junes, Michael Käppler, Kurtis Kroon, Daniel Tobias Johansen Langhoff, Davide Liessi, Urs Liska, Dave Luttinen, Kieren MacMillan, Jean-Charles Malahieude, Malte Meyn, Christian Mondrup, Mike Moral, Thomas Morley, Paul Morris, Eyolf Østrem, Ralph Palmer, Pierre Perol-Schneider, François Pinard, Noam Postavsky, David Pounder, Michael Rasmussen, Till Rettig, Pavel Roskin, Patrick Schmidt, Andrej Shadura, Alberto Simoes, Fr. Samuel Springuel, Guy Stalnaker, Greg Swinford, Martin Tarenskeen, Arnold Theresius, Anh Hai Trinh, Eduardo Vieira, Stefan Weil, John Wheeler, Rune Zedeler, Rodolfo Zitellini

### Fehler Bereinigung

Simon Albrecht, James E. Bailey, Federico Bruni, Eluze, Phil Holmes, Derek Klinge, Marek Klein, Urs Liska, Kieren MacMillan, Ralph Palmer, Dmytro O. Redchuk

### Support

Simon Albrecht, Eluze, Anthony Fok, Christian Hitz, Marc Hohl, Phil Holmes, Chris Jackson, Heikki Junes, Marek Klein, Urs Liska, Alex Loomis, Kieren MacMillan, Tim McNamara, Thomas Morley, Paul Morris, David Nalesnik, Ralph Palmer, Pierre Perol-Schneider, Neil Puttock, David Svoboda, Tao

### Übersetzung

Caio Barros, Alard de Boer, Federico Bruni, Luca Rossetto Casel, Felipe Castro, Abel Cheung, Frédéric Chiasson, Simon Dahlbacka, Orm Finnendahl, Rafael Fontenelle, Pavel Fric, Hiroshi Fukuhara, Walter Garcia-Fontes, David González, Tommaso Gordini, Nicolas Grandclaude, Erika Griechisch, Guyutongxue, Dénes Harmath, Damien Heurtebise, Masamichi Hosoda, Bjoern Jacke, Matthieu Jacquot, Neil Jerram, Heikki Junes, Nicolas Klutchnikoff, Chengrui Li, Jean-Charles Malahieude, Adrian Mariano, Christian Mondrup, Tineke de Munnik, Steven Michael Murphy, Till Paala, Benkő Pál, François Pinard, Gauvain Pocentek, Till Rettig, Ludovic Sardain, Yoshiki Sawada, Thomas Scharkowski, Clytie Siddall, August S. Sigov, Roland Stigge, Tomohiro Tatejima, Paco Tomillo, Risto Vääräniemi, Andrea Valle, Ralf Wildenhues, Olcay Yıldırım

## Veröffentlichungen

### Was wir über LilyPond geschrieben haben


- Server Acim. **GNU/LilyPond Özgür Bir Nota Yazma Programı**. 2013. (PDF 2.2MB (`https://acimanasayfa.wordpress.com/wp-content/uploads/2013/11/gnulilypond-serveracim.pdf`), in Turkish).
- Graham Percival. **Sustainability in F/OSS: developers as a non-renewable resource**. In *Rencontres Mondiales du Logiciel Libre 2010 (RMLL2010)*, 2010. (PDF 333kB (`https://lilypond.gitlab.io/static-files/media/graham-sustainability-FOSS.pdf`)).
- Han Wen Nienhuys and Jan Nieuwenhuizen. **LilyPond, a system for automated music engraving**. In *Colloquium on Musical Informatics (XIV CIM 2003)*, May 2003. (PDF 95kB (`https://lilypond.gitlab.io/static-files/media/xivcim.pdf`)).
- Han Wen Nienhuys. **LilyPond, Automated music formatting and The Art of Shipping**. In *Forum Internacional Software Livre 2006 (FISL7.0)*, 2006. (PDF 1095kB (`https://lilypond.gitlab.io/static-files/media/FISL7-slides.pdf`)).
- Margarethe Maierhofer Lischka & Florian Hollerweger. **Lilypond: ... music notation for everyone!**. In *Linux Audio Conference 2013 (LAC2013)*, 2013. (PDF 890kB (`https://lilypond.gitlab.io/static-files/media/lilypond_lac2013.pdf`)).

- Reinhold Kainhofer. **OrchestralLily: A Package for Professional Music Publishing with LilyPond and LaTeX**. In *The Linux Audio Conference 2010 (LAC2010)*, 2010. (PDF 767kB (https://lilypond.gitlab.io/static-files/media/reinhold-LAC-2010.pdf)).
- Erik Sandberg. **Separating input language and formatter in GNU Lilypond**. Master's thesis, Uppsala University, Department of Information Technology, March 2006. (PDF 750kB (https://lilypond.gitlab.io/static-files/media/thesis-erik-sandberg.pdf)).
- Francisco Vila Doncel. **Tipografía musical para la educación y análisis de la dinámica del software libre**. PhD thesis, Universidad de Extremadura, 2015. (PDF 18.4MB (https://dehesa.unex.es/bitstreams/360a2414-8e2c-49f2-953b-446d70ee51ae/download), in Spanish).

### Was andere mit LilyPond gemacht haben

- Kevin C. Baird. **Real-time Generation of Music Notation via Audience Interaction Using Python and GNU Lilypond**. In *New Interfaces for Music Expression*, May 2005. (PDF 180kB (https://www.nime.org/proceedings/2005/nime2005_240.pdf)).
- Andrew A. Cashner. **Lilypond Music-Notation Software in the Digital-Humanities Toolbox**. *Digital Humanities Quarterly*, 18(2), 2024. (HTML (http://www.digitalhumanities.org/dhq/vol/18/2/000573/000573.html)).
- Alexandre Tachard Passos, Marcos Sampaio, Pedro Kröger, and Givaldo de Cidra. **Functional Harmonic Analysis and Computational Musicology in Rameau**. In *Proceedings of the 12th Brazilian Symposium on Computer Music*, pages 207–210, 2009. (PDF 97kB (https://www.ic.unicamp.br/~tachard/docs/sbcm2009.pdf)).
- Graham Percival, Torsten Anders, and George Tzanetakis. **Generating Targeted Rhythmic Exercises for Music Students with Constraint Satisfaction Programming**. In *International Computer Music Conference*, 2008. (PDF 196kB (https://webhome.cs.uvic.ca/~gtzan/work/pubs/icmc08gtzanB.pdf)).
- Alberto Simões, Anália Lourenço, and José João Almeida. (J. Neves et al., editor). **Using Text Mining Techniques for Classical Music Scores Analysis**. In *New Trends in Artificial Intelligence*, 2007. (PDF 107kB (https://scispace.com/pdf/using-text-mining-techniques-for-classical-music-scores-3doiixbw0j.pdf)).

Sollten Sie hier die Erwähnung von wissenschaftliche Aufsätze vermissen, dann teilen Sie uns dies bitte mit. Die Anleitung dazu finden Sie unter [Fehlerberichte], Seite 68.

## Neuigkeiten

### LilyPond 2.26.0 released! *April 21, 2026*

We are proud to announce the release of GNU LilyPond 2.26.0. LilyPond is a music engraving program devoted to producing the highest-quality sheet music possible. It brings the aesthetics of traditionally engraved music to computer printouts.

This version includes improvements and fixes since the branching of the previous stable release in October 2022. A list of added features and other user-visible changes can be found at https://lilypond.org/doc/v2.26/Documentation/changes/.

We dedicate this release to Urs Liska, who passed away in December 2024. Urs was an accomplished pianist, a scholar and award-winning editor, a prolific advocate of real-world use of LilyPond, a contributor to the Frescobaldi project, and one of the initiators of OpenLilyLib. In 2020, he co-organized a Music Engraving Conference at the Mozarteum University in Salzburg, as well as a LilyPond meeting which brought together developers and the wider community. Urs will be remembered as a kind contributor whose enthusiasm for beautiful music engraving inspired others.

### LilyPond 2.25.81 released *April 4, 2026*

We are happy to announce the release of LilyPond 2.25.81. This is the second release candidate towards the next stable version 2.26.0 expected later in April. Please test your scores with this version and report back the experience as well as any problems you encounter.

### Vergangene Neuigkeiten

Ältere Neuigkeiten sind in der [Abstellkammer], Seite 80, zu finden, zusammen mit alten Ankündigungen und Listen der Änderungen.

## Abstellkammer

### Ankündigungen

Ankündigungen und Neuigkeiten nach Version: v2.22 (https://lilypond.org/doc/v2.22/Documentation/web/news), v2.20 (https://lilypond.org/doc/v2.20/Documentation/web/news), v2.18 (https://lilypond.org/doc/v2.18/Documentation/web/index#Lilypond-2_002e18_002e0-released_0021-December-29_002c-2013-1), v2.16 (https://lilypond.org/doc/v2.16/Documentation/web/index#Lilypond-2_002e16_002e0-released_0021-August-24_002c-2012-1), v2.14 (https://lilypond.org/doc/v2.14/Documentation/web/index#LilyPond-2_002e14_002e0-released_0021-June-6_002c-2011), v2.12 (https://lilypond.org/misc/announce-v2.12), v2.10 (https://lilypond.org/misc/announce-v2.10), v2.8 (https://lilypond.org/misc/announce-v2.8), v2.6 (https://lilypond.org/misc/announce-v2.6), v2.4 (https://lilypond.org/misc/announce-v2.4), v2.2 (https://lilypond.org/misc/announce-v2.2), v2.0 (https://lilypond.org/misc/announce-v2.0), v1.2 (https://lilypond.org/misc/ANNOUNCE-1.2), v1.0 (https://lilypond.org/misc/ANNOUNCE-1.0), v0.1 (https://lilypond.org/misc/ANNOUNCE-0.1)

Ausführliche Liste der Änderungn nach Version: v2.22 (https://lilypond.org/doc/v2.22/Documentation/changes/), v2.20 (https://lilypond.org/doc/v2.20/Documentation/changes/), v2.18 (https://lilypond.org/doc/v2.18/Documentation/changes/), v2.16 (https://lilypond.org/doc/v2.16/Documentation/changes/), v2.14 (https://lilypond.org/doc/v2.14/Documentation/changes/), v2.12 (https://lilypond.org/doc/v2.12/Documentation/topdocs/NEWS), v2.10 (https://lilypond.org/doc/v2.10/Documentation/topdocs/NEWS), v2.8 (https://lilypond.org/doc/v2.8/Documentation/topdocs/NEWS), v2.6 (https://lilypond.org/doc/v2.6/Documentation/topdocs/NEWS), v2.4 (https://lilypond.org/doc/v2.4/Documentation/topdocs/out-www/NEWS), v2.2 (https://lilypond.org/doc/v2.2/Documentation/topdocs/out-www/NEWS), v2.0 (https://lilypond.org/doc/v2.0/Documentation/topdocs/out-www/NEWS), v1.8 (https://lilypond.org/doc/v1.8/Documentation/topdocs/out-www/NEWS), v1.6 (https://lilypond.org/doc/v1.6/Documentation/out-www/NEWS), v1.4 (https://lilypond.org/misc/NEWS-1.4), v1.2 (https://lilypond.org/misc/NEWS-1.2)

### Danke

Dank an die Entwickler, Beitragenden, Bug-Jäger und Vorschläge für v2.22 (https://lilypond.org/doc/v2.20/Documentation/web/authors), v2.20 (https://lilypond.org/doc/v2.20/Documentation/web/authors), v2.18 (https://lilypond.org/misc/THANKS-2.18), v2.16 (https://lilypond.org/misc/THANKS-2.16), v2.14 (https://lilypond.org/misc/THANKS-2.14), v2.12 (https://lilypond.org/misc/THANKS-2.12), v2.10 (https://lilypond.org/misc/THANKS-2.10), v2.8 (https://lilypond.org/misc/THANKS-2.8), v2.6 (https://lilypond.org/misc/THANKS-2.6), v2.4 (https://lilypond.org/misc/

THANKS-2.4), v2.2 (https://lilypond.org/misc/THANKS-2.2), v2.0 (https://lilypond.org/misc/THANKS-2.0), v1.8 (https://lilypond.org/misc/THANKS-1.8)

## Änderungslogs

Änderungslog für Entwickler nach Version: v2.10 (https://lilypond.org/misc/ChangeLog-2.10), v2.3 (https://lilypond.org/misc/ChangeLog-2.3), v2.1 (https://lilypond.org/misc/ChangeLog-2.1), v1.5 (1) (https://lilypond.org/misc/ChangeLog-1.5), v1.5 (2) (https://lilypond.org/misc/CHANGES-1.5), v1.4 (https://lilypond.org/misc/CHANGES-1.4), v1.3 (https://lilypond.org/misc/CHANGES-1.3), v1.2 (https://lilypond.org/misc/CHANGES-1.2), v1.1 (https://lilypond.org/misc/CHANGES-1.1), v1.0 (https://lilypond.org/misc/CHANGES-1.0), v0.1 (https://lilypond.org/misc/CHANGES-0.1), v0.0 (https://lilypond.org/misc/CHANGES-0.0)

## Inactive Google Summer of Code project suggestions

The following list describes GSoC projects that had been proposed in recent years and which are still considered valuable but for which we currently don't have mentors available.

## Automated testing and documentation for openLilyLib

openLilyLib (https://github.com/openlilylib) is an extension framework for LilyPond code providing a „snippets“ repository and a suite of integrated packages such as for example page layout tools or scholarly annotations. It is very powerful and promising, but to really get off the ground two features are missing: automated testing and documentation generation.

Automated testing is necessary to ensure modifications to functionality don't break other functions within the library. There is already some Automated Testing of the „snippets“ repository with Github's Travis server, but this has to be reconsidered and extended to cover the standalone packages too.

In order to be usable for a wider range of LilyPond users on a „consumer level“ openLilyLib needs proper documentation. This documentation has to be generated from the sources, so a system is needed that requires package authors to document the input files and provide additional usage examples, from which documentation is generated. Ideally but not necessarily this is implemented as a Git hook, i.e., automatically upon each update to the repository. We don't prescribe the tools and approaches to be used, but the most widely used language in the LilyPond domain is Python, so there would be some bias towards that. Alternatively a Scheme solution could be fine so generating the documentation would actually be triggered by „compiling“ a certain LilyPond input file. In general it is advisable to make use of proven concepts and tools from other languages.

The eventual output of the documentation should be a static HTML site that can be viewed locally and/or uploaded to a website. But it would be beneficial if the tool would first generate an intermediate representation (e.g., a JSON file with additional media files) from which a Single Page Application could retrieve content for display on openLilyLib's website (https://openlilylib.org). Development of such a SPA *can* be part of the GSoC project, but is optional.

*Difficulty:* medium

*Requirements:* Python or Scheme, static website generator(s) or (Node.js based) dynamic web application technology. Continuous Integration (can be learned during the bonding period)

## Contemporary Notation

LilyPond is very good at creating non-standard notation. Having to *code* every graphical element instead of simply *drawing* it may seem cumbersome but is in fact a strong asset. New notational functionality can be provided with consistent appearance, automatic layout and a natural syntactic interface.

Within the openLilyLib (`https://github.com/openlilylib/oll-core`) library system the student will create a fundamental infrastructure and building blocks to make creating contemporary notation easier. Additionally (at least) *one* concrete package is developed to cover specific contemporary notation, such as for example the style of a given composer, extended playing techniques for a specific instrument or a certain category of effects.

*Difficulty:* medium

*Requirements:* Scheme (interaction with LilyPond internals), contemporary notation techniques

*Recommended:* sense of building hierarchical frameworks

*Mentors: NN,* Urs Liska

## Frescobaldi Extensions

Starting with the current release 3.1 Frescobaldi (`https://frescobaldi.org`) has an extension API that allows the easy integration of arbitrary functionality in the editing environment. These could range from, say, document statistics and accounting functionality to fancy features like a built-in video chat client or a stock market ticker.

We would welcome project suggestions about arbitrary Frescobaldi extensions of appropriate complexity that add substantial functionality for working with LilyPond scores which might not be suitable to be included into Frescobaldi itself.

As *suggestions* and examples may serve: a project management extension that can manage repetoire of arbitrary complexity, handle the generation of template files and the compilation process. Or an extension to manage the openLilyLib (`https://openlilylib.org`) infrastructure.

*Difficulty:* easy/medium

*Requirements:* Python, (PyQt)

*Optional:* Guile Scheme (if functionality involves LilyPond internals)

*Mentor: Urs Liska*

## Implement a System to Handle Scores System by System

One strategy that may improve the issue of LilyPond's compilation time is to handle scores in a system-by-system manner through partial compilation. This project explores one approach to achieve this and may lay the ground for future development towards a „LilyPond server“. It is very ambitions because it involves working with LilyPond's internals and optionally a reference user interface in Frescobaldi (`https://frescobaldi.org`).

The idea behind this project is the implementation of a music viewer that doesn't display pages but sees a scores as a continuous sequence of systems that are stitched together. LilyPond can produce such a sequence of files, and it can be made aware of the moments of each line break. That way only systems have to be recompiled that are affected by a modification, thus saving significant waiting times. Optionally there could be new engraving modes in LilyPond that don't try to optimize the line breaking, saving even more time, at least while in content editing mode.

The project is fairly complex and has many more aspects than could be listed on this page. So if you are interested in this please get in touch with us as early as possible to evaluate options and discuss the topics before you write an application.

*Difficulty:* hard

*Requirements:* LilyPond/Scheme, Python/PyQt

*Optional:* C++ if it's necessary to modify LilyPond itself

*Mentors:* NN (, Urs Liska)

*Community Mentor:* Kieren MacMillan

## MusicXML

Improving MusicXML import and export functions:

File interchange between LilyPond and other applications using MusicXML is still a difficult matter. To import MusicXML it has to be converted manually by the `musicxml2ly` script. Export *to* MusicXML is only available as a rudimentary feature inside Frescobaldi. In order to provide natural interchange between LilyPond and MusicXML based applications there's the need of actual import functionality and a dedicated export backend.

Importing XML shall provide file, line and column to add origin attributes to generated objects. That way point and click can be made available in Frescobaldi or other supported IDEs.

Exporting XML shall be realized with an exporter class like the MIDI export. This may be based on the work already done in GSoC 2015 (`https://github.com/DavidGarfinkle/Lilypond_MusicXMLexport`) by David Garfinkle. It should be checked if it is possible to use another XML library than the one provided by guile-2 in order to have this feature available in current LilyPond (which is based on guile-1.8).

*Difficulty:* medium

*Requirements:* MusicXML, Python, Scheme, basic LilyPond knowledge

*Recommended:* Familiarity with other scorewriters (for cross-testing)

## Improve slurs and ties

The engraving quality of slurs and ties is often unsatisfactory. Ties ‚broken' by clef or staff changes are not handled well. The project could include collecting and sorting examples of bad output, deciding on the intended output and writing code to improve them.

*Difficulty:* hard

*Requirements:* C++, experience with writing heuristics

*Recommended knowledge:* LilyPond knowledge, aesthetic sense

## Grace notes

Fix problems with synchronization of grace notes. Grace notes can interfere with LilyPond's timing and cause odd effects, especially when multiple staffs are used where some have grace notes and others don't. This is one of the longest-standing and one of the more embarrassing bugs (`https://gitlab.com/lilypond/lilypond/-/issues/34/`) in LilyPond.

*Difficulty:* medium

*Requirements:* C++, MIDI

*Recommended:* familiarity with LilyPond internals

## Improve default beam positioning

For regular, cross-staff, broken and kneed beams. Beaming should depend on context and neighbor notes (see section 2.2 of this book (`https://imslp.org/wiki/Repository_of_Music-Notation_Mistakes_%28Coulon%2C_Jean-Pierre%29`)). If possible also reduce beaming-computation time.

*Difficulty:* medium

*Requirements:* C++, experience with writing heuristics

*Recommended knowledge:* aesthetic sense

## Help improve compilation behavior

Automatic code analysis tools, like valgrind memory leak detection or callgrind code profilers, provide valuable information about possible flaws in our C++ code.

*Difficulty:* medium

*Requirements:* C++

## Vergangene Neuigkeiten

Vergangene Neuigkeiten bis zum Juli 2003. Aktuellere Neuigkeiten sind auf der Seite [Neuigkeiten], Seite 79.

### LilyPond 2.25.80 released *March 22, 2026*

We are happy to announce the release of LilyPond 2.25.80. This is the first release candidate towards the next stable version 2.26.0 expected in April. Please test your scores with this version and report back the experience as well as any problems you encounter.

### LilyPond 2.25.35 released *March 7, 2026*

We are happy to announce the release of LilyPond 2.25.35. This is termed a development release, but these are usually reliable for testing new features and recent bug fixes. However, if you require stability, we recommend using version 2.24.4, the current stable release.

### LilyPond 2.25.34 released *February 21, 2026*

We are happy to announce the release of LilyPond 2.25.34. This is termed a development release, but these are usually reliable for testing new features and recent bug fixes. However, if you require stability, we recommend using version 2.24.4, the current stable release.

### LilyPond 2.25.33 released *February 7, 2026*

We are happy to announce the release of LilyPond 2.25.33. This is termed a development release, but these are usually reliable for testing new features and recent bug fixes. However, if you require stability, we recommend using version 2.24.4, the current stable release.

### LilyPond 2.25.32 released *January 17, 2026*

We are happy to announce the release of LilyPond 2.25.32. This is termed a development release, but these are usually reliable for testing new features and recent bug fixes. However, if you require stability, we recommend using version 2.24.4, the current stable release.

### LilyPond 2.25.31 released *December 6, 2025*

We are happy to announce the release of LilyPond 2.25.31. This is termed a development release, but these are usually reliable for testing new features and recent bug fixes. However, if you require stability, we recommend using version 2.24.4, the current stable release.

### LilyPond 2.25.30 released *November 2, 2025*

We are happy to announce the release of LilyPond 2.25.30. This is termed a development release, but these are usually reliable for testing new features and recent bug fixes. However, if you require stability, we recommend using version 2.24.4, the current stable release.

### LilyPond 2.25.29 released *September 27, 2025*

We are happy to announce the release of LilyPond 2.25.29. This is termed a development release, but these are usually reliable for testing new features and recent bug fixes. However, if you require stability, we recommend using version 2.24.4, the current stable release.

### LilyPond 2.25.28 released *August 23, 2025*

We are happy to announce the release of LilyPond 2.25.28. This is termed a development release, but these are usually reliable for testing new features and recent bug fixes. However, if you require stability, we recommend using version 2.24.4, the current stable release.

### LilyPond 2.25.27 released *July 20, 2025*

We are happy to announce the release of LilyPond 2.25.27. This is termed a development release, but these are usually reliable for testing new features and recent bug fixes. However, if you require stability, we recommend using version 2.24.4, the current stable release.

### LilyPond 2.25.26 released *May 3, 2025*

We are happy to announce the release of LilyPond 2.25.26. This is termed a development release, but these are usually reliable for testing new features and recent bug fixes. However, if you require stability, we recommend using version 2.24.4, the current stable release.

### LilyPond 2.25.25 released *March 23, 2025*

We are happy to announce the release of LilyPond 2.25.25. This is termed a development release, but these are usually reliable for testing new features and recent bug fixes. However, if you require stability, we recommend using version 2.24.4, the current stable release.

### LilyPond 2.25.24 released *February 8, 2025*

We are happy to announce the release of LilyPond 2.25.24. This is termed a development release, but these are usually reliable for testing new features and recent bug fixes. However, if you require stability, we recommend using version 2.24.4, the current stable release.

### LilyPond 2.25.23 released *January 12, 2025*

We are happy to announce the release of LilyPond 2.25.23. This is termed a development release, but these are usually reliable for testing new features and recent bug fixes. However, if you require stability, we recommend using version 2.24.4, the current stable release.

### LilyPond 2.25.22 released *November 30, 2024*

We are happy to announce the release of LilyPond 2.25.22. This is termed a development release, but these are usually reliable for testing new features and recent bug fixes. However, if you require stability, we recommend using version 2.24.4, the current stable release.

### LilyPond 2.25.21 released *October 27, 2024*

We are happy to announce the release of LilyPond 2.25.21. This is termed a development release, but these are usually reliable for testing new features and recent bug fixes. However, if you require stability, we recommend using version 2.24.4, the current stable release.

### LilyPond 2.25.20 released *September 29, 2024*

We are happy to announce the release of LilyPond 2.25.20. This is termed a development release, but these are usually reliable for testing new features and recent bug fixes. However, if you require stability, we recommend using version 2.24.4, the current stable release.

### LilyPond 2.25.19 released *August 24, 2024*

We are happy to announce the release of LilyPond 2.25.19. This is termed a development release, but these are usually reliable for testing new features and recent bug fixes. However, if you require stability, we recommend using version 2.24.4, the current stable release.

### LilyPond 2.24.4 released! *July 21, 2024*

We are proud to announce the release of GNU LilyPond 2.24.4. LilyPond is a music engraving program devoted to producing the highest-quality sheet music possible. It brings the aesthetics of traditionally engraved music to computer printouts.

This version contains a number of fixes since the release of the previous stable version in November 2023. We recommend all users to update. Scores converted to or written for 2.24.0

will continue to work with this release. A list of added features and other user-visible changes for 2.24 can be found at `https://lilypond.org/doc/v2.24/Documentation/changes/`. Among others, version 2.24.0 switched to Guile 2.2 and features a completely rewritten infrastructure for creating the official packages, finally allowing us to offer 64-bit binaries for macOS and Windows.

For distributions, Guile 3.0 is officially supported since the previous LilyPond 2.24.3, even though the recommended version will remain Guile 2.2 for the LilyPond 2.24 series.

### LilyPond 2.25.18 released *July 14, 2024*

We are happy to announce the release of LilyPond 2.25.18. This is termed a development release, but these are usually reliable for testing new features and recent bug fixes. However, if you require stability, we recommend using version 2.24.3, the current stable release.

### LilyPond 2.25.17 released *June 15, 2024*

We are happy to announce the release of LilyPond 2.25.17. This is termed a development release, but these are usually reliable for testing new features and recent bug fixes. However, if you require stability, we recommend using version 2.24.3, the current stable release.

### LilyPond 2.25.16 released *May 12, 2024*

We are happy to announce the release of LilyPond 2.25.16. This is termed a development release, but these are usually reliable for testing new features and recent bug fixes. However, if you require stability, we recommend using version 2.24.3, the current stable release.

### LilyPond 2.25.15 released *April 20, 2024*

We are happy to announce the release of LilyPond 2.25.15. This is termed a development release, but these are usually reliable for testing new features and recent bug fixes. However, if you require stability, we recommend using version 2.24.3, the current stable release.

### LilyPond 2.25.14 released *March 23, 2024*

We are happy to announce the release of LilyPond 2.25.14. This is termed a development release, but these are usually reliable for testing new features and recent bug fixes. However, if you require stability, we recommend using version 2.24.3, the current stable release.

### LilyPond 2.25.13 released *Feburary 10, 2024*

We are happy to announce the release of LilyPond 2.25.13. This is termed a development release, but these are usually reliable for testing new features and recent bug fixes. However, if you require stability, we recommend using version 2.24.3, the current stable release.

### LilyPond 2.25.12 released *January 7, 2024*

We are happy to announce the release of LilyPond 2.25.12. This is termed a development release, but these are usually reliable for testing new features and recent bug fixes. However, if you require stability, we recommend using version 2.24.3, the current stable release.

### LilyPond 2.25.11 released *December 10, 2023*

We are happy to announce the release of LilyPond 2.25.11. This is termed a development release, but these are usually reliable for testing new features and recent bug fixes. However, if you require stability, we recommend using version 2.24.3, the current stable release.

### LilyPond 2.24.3 released! *November 19, 2023*

We are proud to announce the release of GNU LilyPond 2.24.3. LilyPond is a music engraving program devoted to producing the highest-quality sheet music possible. It brings the aesthetics of traditionally engraved music to computer printouts.

This version contains a number of fixes since the release of the previous stable version in August 2023. We recommend all users to update. Scores converted to or written for 2.24.0 will continue to work with this release. A list of added features and other user-visible changes for 2.24 can be found at `https://lilypond.org/doc/v2.24/Documentation/changes/`. Among others, version 2.24.0 switched to Guile 2.2 and features a completely rewritten infrastructure for creating the official packages, finally allowing us to offer 64-bit binaries for macOS and Windows.

For distributions, LilyPond 2.24.3 most notably includes a fix to restore PDF conversion with the recent Ghostscript 10.02.1. Also Guile 3.0 is now officially supported, even though the recommended version will remain Guile 2.2 for the LilyPond 2.24 series.

### LilyPond 2.25.10 released *November 11, 2023*

We are happy to announce the release of LilyPond 2.25.10. This is termed a development release, but these are usually reliable for testing new features and recent bug fixes. However, if you require stability, we recommend using version 2.24.2, the current stable release.

### LilyPond 2.25.9 released *October 7, 2023*

We are happy to announce the release of LilyPond 2.25.9. This is termed a development release, but these are usually reliable for testing new features and recent bug fixes. However, if you require stability, we recommend using version 2.24.2, the current stable release.

### LilyPond 2.25.8 released *September 16, 2023*

We are happy to announce the release of LilyPond 2.25.8. This is termed a development release, but these are usually reliable for testing new features and recent bug fixes. However, if you require stability, we recommend using version 2.24.2, the current stable release.

### LilyPond 2.24.2 released! *August 12, 2023*

We are proud to announce the release of GNU LilyPond 2.24.2. LilyPond is a music engraving program devoted to producing the highest-quality sheet music possible. It brings the aesthetics of traditionally engraved music to computer printouts.

This version contains a number of fixes since the release of the previous stable version in February 2023. This includes an update of the library for garbage collection, addressing crashes when compiling very large scores (several hundreds of pages) on Windows. We recommend all users to update. Scores converted to or written for 2.24.0 will continue to work with this release. A list of added features and other user-visible changes for 2.24 can be found at `https://lilypond.org/doc/v2.24/Documentation/changes/`. Among others, version 2.24.0 switched to Guile 2.2 and features a completely rewritten infrastructure for creating the official packages, finally allowing us to offer 64-bit binaries for macOS and Windows.

### LilyPond 2.25.7 released *July 30, 2023*

We are happy to announce the release of LilyPond 2.25.7. This is termed a development release, but these are usually reliable for testing new features and recent bug fixes. However, if you require stability, we recommend using version 2.24.1, the current stable release.

### LilyPond 2.25.6 released *June 24, 2023*

We are happy to announce the release of LilyPond 2.25.6. This is termed a development release, but these are usually reliable for testing new features and recent bug fixes. However, if you require stability, we recommend using version 2.24.1, the current stable release.

### LilyPond 2.25.5 released *May 21, 2023*

We are happy to announce the release of LilyPond 2.25.5. This is termed a development release, but these are usually reliable for testing new features and recent bug fixes. However, if you require stability, we recommend using version 2.24.1, the current stable release.

### LilyPond 2.25.4 released *April 22, 2023*

We are happy to announce the release of LilyPond 2.25.4. This is termed a development release, but these are usually reliable for testing new features and recent bug fixes. However, if you require stability, we recommend using version 2.24.1, the current stable release.

### LilyPond 2.25.3 released *April 1, 2023*

We are happy to announce the release of LilyPond 2.25.3. This is termed a development release, but these are usually reliable for testing new features and recent bug fixes. However, if you require stability, we recommend using version 2.24.1, the current stable release.

### LilyPond 2.25.2 released *February 18, 2023*

We are happy to announce the release of LilyPond 2.25.2. This is termed a development release, but these are usually reliable for testing new features and recent bug fixes. However, if you require stability, we recommend using version 2.24.1, the current stable release.

### LilyPond 2.24.1 released! *February 12, 2023*

We are proud to announce the release of GNU LilyPond 2.24.1. LilyPond is a music engraving program devoted to producing the highest-quality sheet music possible. It brings the aesthetics of traditionally engraved music to computer printouts.

This version includes a number of fixes since the release of the previous stable version in December 2022, and we recommend all users to update. Scores converted to or written for 2.24.0 will continue to work with this release. A list of added features and other user-visible changes for 2.24 can be found at `https://lilypond.org/doc/v2.24/Documentation/changes/`. Among others, version 2.24.0 switched to Guile 2.2 and features a completely rewritten infrastructure for creating the official packages, finally allowing us to offer 64-bit binaries for macOS and Windows.

### LilyPond 2.25.1 released *January 21, 2023*

We are happy to announce the release of LilyPond 2.25.1. This is termed a development release, but these are usually reliable for testing new features and recent bug fixes. However, if you require stability, we recommend using version 2.24.0, the current stable release.

### LilyPond 2.25.0 released *December 23, 2022*

We are happy to announce the release of LilyPond 2.25.0, the start of the next development cycle. This is termed a development release, but these are usually reliable for testing new features and recent bug fixes. However, if you require stability, we recommend using version 2.24.0, the current stable release.

### LilyPond 2.24.0 released! *December 15, 2022*

We are proud to announce the release of GNU LilyPond 2.24.0. LilyPond is a music engraving program devoted to producing the highest-quality sheet music possible. It brings the aesthetics of traditionally engraved music to computer printouts.

This version includes improvements and fixes since the branching of the previous stable release in October 2020. A list of added features and other user-visible changes can be found at `https://lilypond.org/doc/v2.24/Documentation/changes/`. This release switches to Guile 2.2 and features a completely rewritten infrastructure for creating the official packages, finally allowing us to offer 64-bit binaries for macOS and Windows.

### LilyPond 2.23.82 released *November 27, 2022*

We are happy to announce the release of LilyPond 2.23.82. This is the third release candidate towards the next stable version 2.24.0 expected in December. Please test your scores with this version and report back the experience as well as any problems you encounter.

### LilyPond 2.23.81 released *November 13, 2022*

We are happy to announce the release of LilyPond 2.23.81. This is the second release candidate towards the next stable version 2.24.0 expected in December. Please test your scores with this version and report back the experience as well as any problems you encounter.

### LilyPond 2.23.80 released *October 22, 2022*

We are happy to announce the release of LilyPond 2.23.80. This is the first release candidate towards the next stable version 2.24.0 expected in December. Please test your scores with this version and report back the experience as well as any problems you encounter.

### LilyPond 2.23.14 released *October 9, 2022*

We are happy to announce the release of LilyPond 2.23.14. This is termed a development release, but these are usually reliable. However, if you require stability, we recommend using version 2.22.2, the current stable release.

### LilyPond 2.23.13 released *September 18, 2022*

We are happy to announce the release of LilyPond 2.23.13. This is termed a development release, but these are usually reliable. However, if you require stability, we recommend using version 2.22.2, the current stable release.

### LilyPond 2.23.12 released *August 23, 2022*

We are happy to announce the release of LilyPond 2.23.12. This is termed a development release, but these are usually reliable. However, if you require stability, we recommend using version 2.22.2, the current stable release.

### LilyPond 2.23.11 released *July 24, 2022*

We are happy to announce the release of LilyPond 2.23.11. This is termed a development release, but these are usually reliable. However, if you require stability, we recommend using version 2.22.2, the current stable release.

### LilyPond 2.23.10 released *June 26, 2022*

We are happy to announce the release of LilyPond 2.23.10. This is termed a development release, but these are usually reliable. However, if you require stability, we recommend using version 2.22.2, the current stable release.

### LilyPond 2.23.9 released *May 20, 2022*

We are happy to announce the release of LilyPond 2.23.9. This is termed a development release, but these are usually reliable. However, if you require stability, we recommend using version 2.22.2, the current stable release.

### LilyPond 2.23.8 released *April 24, 2022*

We are happy to announce the release of LilyPond 2.23.8. This is termed a development release, but these are usually reliable. If you want to use the current stable version of LilyPond, we recommend using the 2.22.2 version.

In this release, dropping Guile 1.8 support has finally become possible also for our sources. We'd like to dedicate this release to Ian Hulin who was one of the first systematically working on

our numerous roadblocks for Guile 2 migration after tackling a few other high-level problems. In the time spans where his health permitted it, he was able to significantly reduce the amount of remaining problems for the Guile 2 migration after having started working on them in 2010, making the goal that we finally reached now more tangible for others to work on after he left us in 2015.

### LilyPond 2.23.7 released *March 26, 2022*

We are happy to announce the release of LilyPond 2.23.7. This is termed a development release, but these are usually reliable. If you want to use the current stable version of LilyPond, we recommend using the 2.22.2 version.

### LilyPond 2.22.2 released! *February 22, 2022*

We are proud to announce the release of GNU LilyPond 2.22.2 on 2-22-22. LilyPond is a music engraving program devoted to producing the highest-quality sheet music possible. It brings the aesthetics of traditionally engraved music to computer printouts.

This version includes improvements and fixes since the release of the previous stable release in April 2021.

### LilyPond 2.23.6 released *February 06, 2022*

We are happy to announce the release of LilyPond 2.23.6. This is termed a development release, but these are usually reliable. If you want to use the current stable version of LilyPond, we recommend using the 2.22.1 version.

### LilyPond 2.23.5 released *November 28, 2021*

We are happy to announce the release of LilyPond 2.23.5. This is termed a development release, but these are usually reliable. If you want to use the current stable version of LilyPond, we recommend using the 2.22.1 version.

### LilyPond 2.23.4 released *October 10, 2021*

We are happy to announce the release of LilyPond 2.23.4. This is termed a development release, but these are usually reliable. If you want to use the current stable version of LilyPond, we recommend using the 2.22.1 version.

### LilyPond 2.23.3 released *July 4, 2021*

We are happy to announce the release of LilyPond 2.23.3. This is termed a development release, but these are usually reliable. If you want to use the current stable version of LilyPond, we recommend using the 2.22.1 version.

### LilyPond 2.22.1 released! *April 25, 2021*

We are proud to announce the release of GNU LilyPond 2.22.1. LilyPond is a music engraving program devoted to producing the highest-quality sheet music possible. It brings the aesthetics of traditionally engraved music to computer printouts.

This version includes improvements and fixes since the release of the previous stable release in January 2021.

### LilyPond 2.23.2 released *April 11, 2021*

We are happy to announce the release of LilyPond 2.23.2. This is termed a development release, but these are usually reliable. If you want to use the current stable version of LilyPond, we recommend using the 2.22.0 version.

### LilyPond 2.23.1 released *March 23, 2021*

We are happy to announce the release of LilyPond 2.23.1. This is termed a development release, but these are usually reliable. If you want to use the current stable version of LilyPond, we recommend using the 2.22.0 version.

### LilyPond 2.23.0 released *January 24, 2021*

We are happy to announce the release of LilyPond 2.23.0. This is termed a development release, but these are usually reliable. If you want to use the current stable version of LilyPond, we recommend using the 2.22.0 version.

### LilyPond 2.22.0 released! *January 10, 2021*

We are proud to announce the release of GNU LilyPond 2.22.0. LilyPond is a music engraving program devoted to producing the highest-quality sheet music possible. It brings the aesthetics of traditionally engraved music to computer printouts.

This version includes improvements and fixes since the branching of the previous stable release in August 2017 (even though the final 2.20.0 was only released in March 2020). A list of added features and other user-visible changes can be found at `https://lilypond.org/doc/v2.22/Documentation/changes/` Behind the scenes, this release switches to Python 3 and includes a number of performance improvements that should be noticeable for larger scores.

### LilyPond 2.21.82 released *December 14, 2020*

We are happy to announce the release of LilyPond 2.21.82. This is a further pre-release test version, but these are usually reliable. We encourage all users and developers to download this version to test it to allow us to release a new stable version. If you want to use the current stable version of LilyPond, we recommend using the 2.20.0 version.

### LilyPond 2.21.81 released *November 29, 2020*

We are happy to announce the release of LilyPond 2.21.81. This is a further pre-release test version, but these are usually reliable. We encourage all users and developers to download this version to test it to allow us to release a new stable version. If you want to use the current stable version of LilyPond, we recommend using the 2.20.0 version.

### LilyPond 2.21.80 released *November 1, 2020*

We are happy to announce the release of LilyPond 2.21.80. This is a pre-release test version, but these are usually reliable. We encourage all users and developers to download this version to test it. If you want to use the latest stable version of LilyPond, we recommend using the 2.20.0 version.

### LilyPond 2.21.7 released *October 11, 2020*

We are happy to announce the release of LilyPond 2.21.7. This is a development version, but these are usually reliable. If you want to use the latest stable version of LilyPond, we recommend using the 2.20.0 version.

### LilyPond 2.21.6 released *September 13, 2020*

We are happy to announce the release of LilyPond 2.21.6. This is a development version, but these are usually reliable. If you want to use the latest stable version of LilyPond, we recommend using the 2.20.0 version.

### LilyPond 2.21.5 released *August 16, 2020*

We are happy to announce the release of LilyPond 2.21.5. This is a development version, but these are usually reliable. If you want to use the latest stable version of LilyPond, we recommend using the 2.20.0 version.

### LilyPond 2.21.4 released *July 28, 2020*

We are happy to announce the release of LilyPond 2.21.4. This is a development version, but these are usually reliable. If you want to use the latest stable version of LilyPond, we recommend using the 2.20.0 version.

### LilyPond 2.21.3 released *July 12, 2020*

We are happy to announce the release of LilyPond 2.21.3. This is a development version, but these are usually reliable. If you want to use the latest stable version of LilyPond, we recommend using the 2.20.0 version.

### LilyPond 2.21.2 released *June 21, 2020*

We are happy to announce the release of LilyPond 2.21.2. This is a development version, but these are usually reliable. If you want to use the latest stable version of LilyPond, we recommend using the 2.20.0 version.

### LilyPond 2.21.1 released *April 28, 2020*

We are happy to announce the release of LilyPond 2.21.1. This is a development version, but these are usually reliable. If you want to use the latest stable version of LilyPond, we recommend using the 2.20.0 version.

### LilyPond 2.21.0 released *April 9, 2020*

We are happy to announce the release of LilyPond 2.21.0. If you want to use the latest stable version of LilyPond, we recommend using the 2.20.0 version.

### LilyPond 2.20.0 released! *March 1, 2020*

We are proud to announce the release of GNU LilyPond 2.20.0. LilyPond is a music engraving program devoted to producing the highest-quality sheet music possible. It brings the aesthetics of traditionally engraved music to computer printouts.

This version provides a number of updates, including updated manuals. We recommend all users to upgrade to this version.

### LilyPond 2.19.84 released *February 4, 2020*

We are happy to announce the release of LilyPond 2.19.84. This release is the final pre-release test version for the upcoming stable 2.20 release. If you require a stable version of LilyPond, we recommend using the 2.18 version.

### LilyPond 2.19.83 released *October 16, 2018*

We are happy to announce the release of LilyPond 2.19.83. This release is a further pre-release test version for the upcoming stable 2.20 release. If you require a stable version of LilyPond, we recommend using the 2.18 version.

### LilyPond 2.19.82 released *June 24, 2018*

We are happy to announce the release of LilyPond 2.19.82. This release is a further pre-release test version for the upcoming stable 2.20 release. If you require a stable version of LilyPond, we recommend using the 2.18 version.

### LilyPond 2.19.81 released *January 28, 2018*

We are happy to announce the release of LilyPond 2.19.81. This release is a further pre-release test version for the upcoming stable 2.20 release. If you require a stable version of LilyPond, we recommend using the 2.18 version.

### LilyPond 2.19.80 released *October 14, 2017*

We are happy to announce the release of LilyPond 2.19.80. This release is a pre-release test version for the upcoming stable 2.20 release. If you require a stable version of LilyPond, we recommend using the 2.18 version.

### LilyPond 2.19.65 released *August 06, 2017*

We are happy to announce the release of LilyPond 2.19.65. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

### LilyPond 2.19.64 released *July 15, 2017*

We are happy to announce the release of LilyPond 2.19.64. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

### LilyPond 2.19.63 released *June 28, 2017*

We are happy to announce the release of LilyPond 2.19.63. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

### LilyPond 2.19.62 released *June 10, 2017*

We are happy to announce the release of LilyPond 2.19.62. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

### LilyPond 2.19.61 released *May 21, 2017*

We are happy to announce the release of LilyPond 2.19.61. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

### LilyPond 2.19.60 released *May 08, 2017*

We are happy to announce the release of LilyPond 2.19.60. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

### LilyPond 2.19.59 released *April 09, 2017*

We are happy to announce the release of LilyPond 2.19.59. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

### LilyPond 2.19.58 released *March 26, 2017*

We are happy to announce the release of LilyPond 2.19.58. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

### LilyPond 2.19.57 released *March 12, 2017*

We are happy to announce the release of LilyPond 2.19.57. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

### LilyPond 2.19.56 released *February 26, 2017*

We are happy to announce the release of LilyPond 2.19.56. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

### LilyPond 2.19.55 released *February 12, 2017*

We are happy to announce the release of LilyPond 2.19.55. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

### LilyPond 2.19.54 released *January 4, 2017*

We are happy to announce the release of LilyPond 2.19.54. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

### LilyPond 2.19.53 released *December 17, 2016*

We are happy to announce the release of LilyPond 2.19.53. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

### LilyPond 2.19.52 released *December 4, 2016*

We are happy to announce the release of LilyPond 2.19.52. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

### LilyPond 2.19.51 released *November 20, 2016*

We are happy to announce the release of LilyPond 2.19.51. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

### LilyPond 2.19.50 released *November 6, 2016*

We are happy to announce the release of LilyPond 2.19.50. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest

features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

### LilyPond 2.19.49 released *October 16, 2016*

We are happy to announce the release of LilyPond 2.19.49. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

### LilyPond 2.19.48 released *September 13, 2016*

We are happy to announce the release of LilyPond 2.19.48. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

### LilyPond 2.19.47 released *August 31, 2016*

We are happy to announce the release of LilyPond 2.19.47. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

### LilyPond 2.19.46 released *July 26, 2016*

We are happy to announce the release of LilyPond 2.19.46. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

### LilyPond 2.19.45 released *July 09, 2016*

We are happy to announce the release of LilyPond 2.19.45. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

### LilyPond 2.19.44 released *June 21, 2016*

We are happy to announce the release of LilyPond 2.19.44. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

### LilyPond 2.19.43 released *June 8, 2016*

We are happy to announce the release of LilyPond 2.19.43. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

### LilyPond 2.19.42 released *May 15, 2016*

We are happy to announce the release of LilyPond 2.19.42. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

### LilyPond 2.19.41 released *May 1, 2016*

We are happy to announce the release of LilyPond 2.19.41. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

### Two LilyPond projects in Google Summer of Code 2016 *April 23, 2016*

We are happy to see two students, Nathan Chou and Jeffery Shivers, working on LilyPond as participants in the Google Summer of Code this year. We hope they produce great results and stay in the developer community afterwards.

Nathan will tackle an annoying limitation, namely the unability of spanners to cross voices. His work will make a class of ugly workarounds obsolete. Jeffery will bring the ScholarLY package[1] to production quality and add a LaTeX package to it, making it possible to create beautiful critical reports from data encoded directly in the LilyPond score.

[1] `https://github.com/openlilylib/scholarly`

### LilyPond 2.19.40 released *April 17, 2016*

We are happy to announce the release of LilyPond 2.19.40. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

### LilyPond 2.19.39 released *March 27, 2016*

We are happy to announce the release of LilyPond 2.19.39. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

### LilyPond 2.19.38 released *March 13, 2016*

We are happy to announce the release of LilyPond 2.19.38. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

### LilyPond 2.19.37 released *February 28, 2016*

We are happy to announce the release of LilyPond 2.19.37. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

### LilyPond 2.19.36 released *January 31, 2016*

We are happy to announce the release of LilyPond 2.19.36. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

### LilyPond 2.19.35 released *January 02, 2016*

We are happy to announce the release of LilyPond 2.19.35. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest

features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

### LilyPond 2.19.34 released *December 22, 2015*

We are happy to announce the release of LilyPond 2.19.34. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

### LilyPond 2.19.33 released *December 6, 2015*

We are happy to announce the release of LilyPond 2.19.33. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

### LilyPond 2.19.32 released *November 22, 2015*

We are happy to announce the release of LilyPond 2.19.32. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

### LilyPond 2.19.31 released *November 8, 2015*

We are happy to announce the release of LilyPond 2.19.31. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

### LilyPond 2.19.30 released *October 25, 2015*

We are happy to announce the release of LilyPond 2.19.30. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

### LilyPond 2.19.29 released *October 18, 2015*

We are happy to announce the release of LilyPond 2.19.29. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

### LilyPond 2.19.28 released *September 27, 2015*

We are happy to announce the release of LilyPond 2.19.28. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

### LilyPond 2.19.27 released *September 12, 2015*

We are happy to announce the release of LilyPond 2.19.27. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

### LilyPond 2.19.26 released *August 27, 2015*

We are happy to announce the release of LilyPond 2.19.26. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

### LilyPond 2.19.25 released *August 9, 2015*

We are happy to announce the release of LilyPond 2.19.25. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

### LilyPond 2.19.24 released *July 26, 2015*

We are happy to announce the release of LilyPond 2.19.24. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

### LilyPond 2.19.23 released *July 12, 2015*

We are happy to announce the release of LilyPond 2.19.23. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

### LilyPond 2.19.22 released *June 28, 2015*

We are happy to announce the release of LilyPond 2.19.22. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

### LilyPond 2.19.21 released *May 24, 2015*

We are happy to announce the release of LilyPond 2.19.21. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

### LilyPond 2.19.20 released *May 10, 2015*

We are happy to announce the release of LilyPond 2.19.20. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

### LilyPond 2.19.19 released *April 26, 2015*

We are happy to announce the release of LilyPond 2.19.19. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

### LilyPond 2.19.18 released *April 5, 2015*

We are happy to announce the release of LilyPond 2.19.18. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest

features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

### LilyPond 2.19.17 released *March 15, 2015*

We are happy to announce the release of LilyPond 2.19.17. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

### LilyPond 2.19.16 released *February 28, 2015*

At long last, we are very happy to announce the release of LilyPond 2.19.16. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

We would like to acknowledge and thank Masamichi Hosoda for making this release possible with his work on updating GUB, the build tool.

### LilyPond 2.19.15 released *September 28, 2014*

We are happy to announce the release of LilyPond 2.19.15. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

### LilyPond 2.19.14 released *September 14, 2014*

We are happy to announce the release of LilyPond 2.19.14. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

### LilyPond 2.19.13 released *August 31, 2014*

We are happy to announce the release of LilyPond 2.19.13. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

### LilyPond 2.19.12 released *August 17, 2014*

We are happy to announce the release of LilyPond 2.19.12. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

### LilyPond 2.19.11 released *August 3, 2014*

We are happy to announce the release of LilyPond 2.19.11. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

### LilyPond 2.19.10 released *July 13, 2014*

We are happy to announce the release of LilyPond 2.19.10. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest

features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

### LilyPond 2.19.9 released *June 29, 2014*

We are happy to announce the release of LilyPond 2.19.9. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

### LilyPond 2.19.8 released *June 15, 2014*

We are happy to announce the release of LilyPond 2.19.8. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

### LilyPond 2.19.7 released *May 25, 2014*

We are happy to announce the release of LilyPond 2.19.7. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

### LilyPond 2.19.6 released *May 11, 2014*

We are happy to announce the release of LilyPond 2.19.6. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

### LilyPond 2.19.5 released *April 20, 2014*

We are happy to announce the release of LilyPond 2.19.5. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

### LilyPond 2.19.4 released *April 6, 2014*

We are happy to announce the release of LilyPond 2.19.4. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

### LilyPond 2.18.2 released! *March 23, 2014*

We are proud to announce the release of GNU LilyPond 2.18.2. LilyPond is a music engraving program devoted to producing the highest-quality sheet music possible. It brings the aesthetics of traditionally engraved music to computer printouts.

This version provides a number of updates to 2.18.0, including updated manuals. We recommend all users to upgrade to this version.

### LilyPond production named BEST EDITION 2014 *March 11, 2014*

We are thrilled that the edition of the songs of Oskar Fried (1871-1941), published recently by our fellow contributors Urs Liska and Janek Warchoł [1], received the "Musikeditionspreis BEST EDITION 2014" of the German Music Publishers' Association [2]. The ceremony took place at the Frankfurt Musikmesse.

We congratulate Janek and Urs for gaining such public recognition of typographical and editorial excellence of their work. We are also delighted to inform you that they intend to make their work available under a Free license as soon as the publisher expenses are covered. Please support this initiative by buying the printed volume through the publisher [3].

[1] `https://lilypondblog.org/category/fried-songs`
[2] `https://www.best-edition.de`
[3] `http://www.sound-rel.de`

## LilyPond 2.19.3 released *March 2, 2014*

We are happy to announce the release of LilyPond 2.19.3. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

## LilyPond 2.18.1 *February 16, 2014*

We have released updated manuals for LilyPond's stable version, 2.18. The manuals are now for 2.18.1 and have a number of updates and improvements over 2.18.0. There will be a further release of 2.18 in the future (2.18.2), and this will include the updates to the manuals as well as some minor enhancements to the LilyPond core functionality.

To summarise the current situation: stable LilyPond application: 2.18.0; stable LilyPond manuals: 2.18.1; development for both: 2.19.2.

## LilyPond 2.19.2 released *February 2, 2014*

We are happy to announce the release of LilyPond 2.19.2. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

## LilyPond 2.19.1 released *January 19, 2014*

We are happy to announce the release of LilyPond 2.19.1. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

## LilyPond 2.19.0 released *January 5, 2014*

We are happy to announce the release of LilyPond 2.19.0. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

## LilyPond 2.18.0 released! *December 29, 2013*

We are proud to announce the release of GNU LilyPond 2.18.0. LilyPond is a music engraving program devoted to producing the highest-quality sheet music possible. It brings the aesthetics of traditionally engraved music to computer printouts.

Among the numerous improvements and changes, the following might be most visible:

- Many items are now positioned using their actual outline rather than a rectangular bounding box. This greatly reduces the occurrence of unsightly large gaps.
- Sets and overrides can now use the syntax

```
\override Voice.TextSpanner.bound-details.left.text = "rit."
```

instead of the previous

```
\override Voice.TextSpanner #'(bound-details left text) = "rit."
```

- Triplets with a given group length can now be written as

```
\tuplet 3/2 4 { c8 c c  c c c }
```

instead of

```
\times 2/3 { c8 c c }  \times 2/3 { c8 c c }
```

A full list of noteworthy new features is given in:

```
https://lilypond.org/doc/v2.18/Documentation/changes/index.html
```

Great thanks go to the large number of LilyPond enthusiasts whose financial backing enabled one core developer, David Kastrup, to focus exclusively on LilyPond during the entire development cycle.

LilyPond 2.18 has been brought to you by

Main Developers:
: Bertrand Bordage, Trevor Daniels, Colin Hall, Phil Holmes, Ian Hulin, Reinhold Kainhofer, David Kastrup, Jonathan Kulp, Werner Lemberg, John Mandereau, Patrick McCarty, Joe Neeman, Han-Wen Nienhuys, Jan Nieuwenhuizen, Graham Percival, Mark Polesky, Neil Puttock, Mike Solomon, Carl Sorensen, Francisco Vila, Valentin Villenave, Janek Warchoł

Core Contributors:
: Aleksandr Andreev, Frédéric Bron, Torsten Hämmerle, Marc Hohl, James Lowe, Andrew Main, Thomas Morley, David Nalesnik, Keith OHara, Benkő Pál, Anders Pilegaard, Julien Rioux, Johannes Rohrer, Adam Spiers, Heikki Tauriainen

Documentation Writers:
: Frédéric Bron, Federico Bruni, Colin Campbell, Urs Liska, James Lowe, Thomas Morley, Jean-Charles Malahieude, Guy Stalnaker, Martin Tarenskeen, Arnold Theresius, Rodolfo Zitellini

Bug Squad:
: Colin Campbell, Eluze, Marc Hohl, Phil Holmes, Marek Klein, Ralph Palmer

Support Team:
: Colin Campbell, Eluze, Marc Hohl, Marek Klein, Kieren MacMillan, Urs Liska, Ralph Palmer

Translators:
: Federico Bruni, Luca Rossetto Casel, Felipe Castro, Pavel Fric, Jean-Charles Malahieude, Till Paala, Yoshiki Sawada

and numerous other contributors.

## LilyPond 2.17.97 released! *December 8, 2013*

We are excited to announce the release of LilyPond 2.17.97 as a potential final beta release for the upcoming stable release 2.18. The developers believe this to be feature-complete, the documentation to be accurate, and no important issues to be overlooked. For upgrading the syntax of your input files to the latest version, see Updating files with convert-ly (`https://lilypond.org/doc/v2.17/Documentation/usage/updating-files-with-convert_002dly`). Please test this release and report back any problems, see Bug reports (`https://lilypond.org/bug-reports.html`).

### LilyPond 2.17.96 released! *November 24, 2013*

We are excited to announce the release of LilyPond 2.17.96 as a further beta release for the upcoming stable release 2.18. The developers believe the release to be feature-complete, the documentation to be accurate, and no important issues to be overlooked. For upgrading the syntax of your input files to the latest version, see Updating files with convert-ly (`https://lilypond.org/doc/v2.17/Documentation/usage/updating-files-with-convert_002dly`). Please test this release and report back any problems, see Bug reports (`https://lilypond.org/bug-reports.html`).

### LilyPond 2.17.95 released! *November 3, 2013*

We are excited to announce the release of LilyPond 2.17.95 as beta release for the upcoming stable release 2.18. The developers are still busy finding solutions for some last-minute problems, but the release is supposed to be feature-complete, the documentation to be accurate, and no important issues to be overlooked. For upgrading the syntax of your input files to the latest version, see Updating files with convert-ly (`https://lilypond.org/doc/v2.17/Documentation/usage/updating-files-with-convert_002dly`). Please test this release and report back any problems, siehe [Fehlerberichte], Seite 68.

### LilyPond 2.17.29 released! *October 20, 2013*

We are happy to announce the release of LilyPond 2.17.29. This release contains the usual number of bugfixes and enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.16 version.

### LilyPond 2.17.28 released! *October 6, 2013*

We are happy to announce the release of LilyPond 2.17.28. This release contains the usual number of bugfixes and enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.16 version.

### LilyPond 2.17.27 released! *September 26, 2013*

We are happy to announce the release of LilyPond 2.17.27. This release contains the usual number of bugfixes and enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.16 version.

### LilyPond 2.17.26 released! *September 8, 2013*

We are happy to announce the release of LilyPond 2.17.26. This release contains the usual number of bugfixes and enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.16 version.

### LilyPond 2.17.25 released! *August 25, 2013*

We are happy to announce the release of LilyPond 2.17.25. This release contains the usual number of bugfixes and enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.16 version.

### LilyPond 2.17.24 released! *August 11, 2013*

We are happy to announce the release of LilyPond 2.17.24. This release contains the usual number of bugfixes and enhancements, and contains some work in progress. You will have access to the

very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.16 version.

### LilyPond 2.17.23 released! *July 28, 2013*

We are happy to announce the release of LilyPond 2.17.23. This release contains the usual number of bugfixes and enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.16 version.

### LilyPond 2.17.22 released! *July 14, 2013*

We are happy to announce the release of LilyPond 2.17.22. This release contains the usual number of bugfixes and enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.16 version.

This update cures the issue with the Windows version crashing with a problem with positioning text.

### LilyPond 2.17.21 released! *June 30, 2013*

We are happy to announce the release of LilyPond 2.17.21. This release contains the usual number of bugfixes and enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.16 version.

### LilyPond 2.17.20 released! *June 9, 2013*

We are happy to announce the release of LilyPond 2.17.20. This release contains the usual number of bugfixes and enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.16 version.

### LilyPond blog. *June 2, 2013*

Janek Warchoł has created a LilyPond blog. You can find it at lilypondblog.org (`https://lilypondblog.org/`)!

### LilyPond 2.17.19 released! *May 26, 2013*

We are happy to announce the release of LilyPond 2.17.19. This release contains the usual number of bugfixes and enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.16 version.

### LilyPond 2.17.18 released! *May 11, 2013*

We are happy to announce the release of LilyPond 2.17.18. This release contains the usual number of bugfixes and enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.16 version.

### LilyPond 2.17.17 released! *April 27, 2013*

We are happy to announce the release of LilyPond 2.17.17. This release contains the usual number of bugfixes and enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.16 version.

### LilyPond 2.17.16 released! *April 13, 2013*

We are happy to announce the release of LilyPond 2.17.16. This release contains the usual number of bugfixes and enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.16 version.

### LilyPond 2.17.15 released! *March 30, 2013*

We are happy to announce the release of LilyPond 2.17.15. This release contains the usual number of bugfixes and enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.16 version.

### LilyPond 2.17.14 released! *March 10, 2013*

We are happy to announce the release of LilyPond 2.17.14. This release contains the usual number of bugfixes (including putting span bars back where they should be) and enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.16 version.

### LilyPond 2.17.13 released! *February 23, 2013*

We are happy to announce the release of LilyPond 2.17.13. This release contains the usual number of bugfixes and enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.16 version.

### LilyPond 2.17.12 released! *February 8, 2013*

We are happy to announce the release of LilyPond 2.17.12. This release contains the usual number of bugfixes and enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.16 version.

### LilyPond 2.17.11 released! *January 26, 2013*

We are happy to announce the release of LilyPond 2.17.11. This release contains the usual number of bugfixes and enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.16 version.

### LilyPond 2.17.10 released! *January 12 2013*

We are happy to announce the release of LilyPond 2.17.10. This release contains the usual number of bugfixes and enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.16 version.

### LilyPond 2.16.2 released! *January 4, 2013*

We are happy to announce the release of LilyPond 2.16.2. This release is mainly to correct a problem with lilypond-book running on Windows. We recommend that only people requiring this functionality upgrade to this version.

### LilyPond 2.17.9 released! *December 15, 2012*

We are happy to announce the release of LilyPond 2.17.9. This release contains the usual number of bugfixes and enhancements, and contains some work in progress. You will have access to the

very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.16 version.

### LilyPond 2.17.8 released! *December 1, 2012*

We are happy to announce the release of LilyPond 2.17.8. This release contains the usual number of bugfixes and enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.16 version.

### LilyPond 2.17.7 released! *November 17, 2012*

We are happy to announce the release of LilyPond 2.17.7. This release contains the usual number of bugfixes and enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.16 version.

### The LilyPond Report #28. *November 12, 2012*

The October issue of the *LilyPond Report* (`http://web.archive.org/web/20110325004849/http://news.lilynet.net/?The-LilyPond-Report-28`) focuses on the meeting of LilyPond developers and users (`https://web.archive.org/web/20110325004849/http://news.lilynet.net/?LilyPond-meeting-in-Waltrop`) in Waltrop, Germany last August. Of course, there are also some musings on LilyPond triggered by the release of 2.16.0 and 2.17.0 occuring from that venue.

There are also two monthly financial reports from David Kastrup whose work on LilyPond is solely paid for (`http://web.archive.org/web/20110325004849/http://news.lilynet.net/?The-LilyPond-Report-24#an_urgent_request_for_funding`) by financial contributions from other developer and users (thank you!), and a report about experiences from a web-based music typesetting service (`http://scorio.com`) using LilyPond internally.

Come read LilyPond Report 28 (`http://web.archive.org/web/20110325004849/http://news.lilynet.net/?The-LilyPond-Report-28`) now; comments and contributions are warmly encouraged!

### LilyPond 2.16.1 released! *November 9, 2012*

We are happy to announce the release of LilyPond 2.16.1. This has a number of updates to the previous stable version, and should cause no problems. We recommend that everybody upgrade to this version.

### LilyPond 2.17.6 released! *November 3, 2012*

We are happy to announce the release of LilyPond 2.17.6. This release contains the usual number of bugfixes and enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.16 version.

### LilyPond 2.17.5 released! *October 20, 2012*

We are happy to announce the release of LilyPond 2.17.5. This release contains the usual number of bugfixes and enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.16 version.

### LilyPond 2.17.4 released! *October 6, 2012*

We are happy to announce the release of LilyPond 2.17.4. This release contains the usual number of bugfixes. It is strongly recommended that normal users do **not** use this release, and instead use the stable 2.16 version.

### LilyPond 2.17.3 released! *September 23, 2012*

We are happy to announce the release of LilyPond 2.17.3. This release contains the usual number of bugfixes. It is strongly recommended that normal users do **not** use this release, and instead use the stable 2.16 version.

### LilyPond 2.17.2 released! *September 10, 2012*

We are happy to announce the release of LilyPond 2.17.2. This release contains the usual number of bugfixes. It is strongly recommended that normal users do **not** use this release, and instead use the stable 2.16 version.

### LilyPond 2.17.1 released! *August 28, 2012*

We are happy to announce the release of LilyPond 2.17.1. This release contains the usual number of bugfixes. It is strongly recommended that normal users do **not** use this release, and instead use the stable 2.16 version.

### LilyPond 2.17.0 released! *August 26, 2012*

We are happy to announce the release of LilyPond 2.17.0. This release contains the usual number of bugfixes. It is strongly recommended that normal users do **not** use this release, and instead use the stable 2.16 version.

### LilyPond 2.16.0 released! *August 24, 2012*

We are proud to announce the release of GNU LilyPond 2.16.0. LilyPond is a music engraving program, devoted to producing the highest-quality sheet music possible. It brings the aesthetics of traditionally engraved music to computer printouts.

Many improvements have been made in the past year since the previous main stable version. A few major improvements are:

- Support for kievan square notation
- User and programming interfaces have greatly improved
- Music functions have become quite more versatile

A full list of new features is given in:

`https://lilypond.org/doc/v2.16/Documentation/changes/index.html`

Happy music typesetting! LilyPond 2.16 was brought to you by...

Main development team:

Bertrand Bordage, Trevor Daniels, Colin Hall, Phil Holmes, Ian Hulin, Reinhold Kainhofer, David Kastrup, Jonathan Kulp, Werner Lemberg, John Mandereau, Patrick McCarty, Joe Neeman, Han-Wen Nienhuys, Jan Nieuwenhuizen, Graham Percival, Mark Polesky, Neil Puttock, Mike Solomon, Carl Sorensen, Francisco Vila, Valentin Villenave, Jan Warchoł

Programming contributors:

Aleksandr Andreev, Sven Axelsson, Peter Chubb, Karin Hoethker, Marc Hohl, David Nalesnik, Justin Ohmie, Benkő Pál, Julien Rioux, Patrick Schmidt, Adam Spiers, Heikki Taurainen, Piers Titus van der Torren, Jan-Peter Voigt, Janek Warchol

Documentation contributors:

James Lowe, Pavel Roskin, Alberto Simoes, Stefan Weil

Bug squad:

Colin Campbell, Eluze, Phil Holmes, Marek Klein, Ralph Palmer, James Lowe

Support:

Colin Campbell, Christian Hitz, Phil Holmes

Translation contributors:

Jean-Charles Malahieude, Till Paala, Yoshiki Sawada

### LilyPond 2.15.95 released! *August 11, 2012*

We are excited to announce the release of LilyPond 2.15.95. With this release, development on version 2.15 is frozen for the upcoming 2.16 stable release and only open to bug fixes.

All users are urged to try this version to ensure the best quality of the upcoming stable release. If you discover any problems, please send us [Fehlerberichte], Seite 68.

New features since 2.14.2 are listed in the „Changes“ manual on the website section about [Entwicklung], Seite 70.

### LilyPond 2.15.42 released! *August 02, 2012*

We are happy to announce the release of LilyPond 2.15.42. This release contains the usual number of bugfixes.

It is strongly recommended that normal users do **not** use this release, and instead use the stable 2.14 version. Please note that due to a few Critical bugs, this is not the next release candidate.

### The LilyPond Report #27. *August 2, 2012*

The *LilyPond Report* is back, with some interesting insights on new Scheme-related features recently added by our community's only paid developer David Kastrup (thanks to your continuing donations (`https://lilypond.org/sponsoring.html`)). Also to be found in this issue are an overview of some lesser-known LilyPond companion projects, and a handful of more shallow factoids.

Come read LilyPond Report 27 (`https://web.archive.org/web/20110325004849/http://news.lilynet.net/?The-LilyPond-Report-27`) now; comments and contributions are warmly encouraged!

### Release candidate withdrawn *July 11, 2012*

We have discovered a regression since 2.14.2, so lilypond 2.15.41 is no longer a candidate for the 2.16.0 release. However, please continue testing it – we would like to discover (and fix!) any more regressions as soon as possible. If you discover any problems, please send us [Fehlerberichte], Seite 68.

### Release candidate 8 of 2.16 - LilyPond 2.15.41 released! *July 4, 2012*

LilyPond 2.15.41 is out; this is the eighth release candidate of the upcoming 2.16 stable release. All users are invited to experiment with this version. New features since 2.14.2 are listed in the „Changes“ manual on the website section about [Entwicklung], Seite 70.

There are no known Critical issues with this release. If no Critical bugs are found, then the official 2.16.0 release will be on 18 July 2012. If you discover any problems, please send us [Fehlerberichte], Seite 68.

### LilyPond 2.15.40 released! *June 05, 2012*

We are happy to announce the release of LilyPond 2.15.40. This release contains the usual number of bugfixes.

It is strongly recommended that normal users do **not** use this release, and instead use the stable 2.14 version. Please note that due to a few Critical bugs, this is not the next release candidate.

### Release candidate withdrawn *June 01, 2012*

We have discovered a regression since 2.14.2, so lilypond 2.15.39 is no longer a candidate for the 2.16.0 release. However, please continue testing it – we would like to discover (and fix!) any more regressions as soon as possible. If you discover any problems, please send us [Fehlerberichte], Seite 68.

### Release candidate 7 of 2.16 - LilyPond 2.15.39 released! *May 22, 2012*

LilyPond 2.15.39 is out; this is the seventh release candidate of the upcoming 2.16 stable release. All users are invited to experiment with this version. New features since 2.14.2 are listed in the „Changes“ manual on the website section about [Entwicklung], Seite 70.

There are no known Critical issues with this release. If no Critical bugs are found, then the official 2.16.0 release will be on 05 June 2012. If you discover any problems, please send us [Fehlerberichte], Seite 68.

### The LilyPond Report #26. *May 22, 2012*

The *LilyPond Report* is back, with a new editor on board - Pavel Roskin, who tells us about his adventures in strange lands of compiler bugs! There is also a detailed report about current development status, and an analysis of example LilyPond output - see for yourself how close (or how far?) are we from matching the quality of hand-engraved scores.

Come read LilyPond Report 26 (`https://web.archive.org/web/20110325004849/http://news.lilynet.net/?The-LilyPond-Report-26`) now; comments and contributions are warmly encouraged!

### Release candidate 6 of 2.16 - LilyPond 2.15.38 released! *May 3, 2012*

LilyPond 2.15.38 is out; this is the sixth release candidate of the upcoming 2.16 stable release. All users are invited to experiment with this version. New features since 2.14.2 are listed in the „Changes“ manual on the website section about [Entwicklung], Seite 70.

**Update:** Due to a few Critical bugs, another release candidate will be required.

### LilyPond takes part in Google Summer of Code 2012! *April 25, 2012*

Being a part of GNU project (`https://www.gnu.org/`), we are participating in Google Summer of Code program (`https://www.google-melange.com/gsoc/homepage/google/gsoc2012`), which offers students stipends for working on open source software.

Our contributor Janek Warchoł was accepted for 2012 edition of GSoC. He will be working on advanced lyrics positioning in LilyPond.

### Release candidate 5 of 2.16 - LilyPond 2.15.37 released! *April 19, 2012*

LilyPond 2.15.37 is out; this is the fifth release candidate of the upcoming 2.16 stable release. All users are invited to experiment with this version. New features since 2.14.2 are listed in the „Changes“ manual on the website section about [Entwicklung], Seite 70.

There are no known Critical issues with this release. If no Critical bugs are found, then the official 2.16.0 release will be on 03 May 2012. If you discover any problems, please send us [Fehlerberichte], Seite 68.

### Release candidate 4 of 2.16 - LilyPond 2.15.36 released! *April 6, 2012*

LilyPond 2.15.36 is out; this is the fourth release candidate of the upcoming 2.16 stable release. All users are invited to experiment with this version. New features since 2.14.2 are listed in the „Changes“ manual on the website section about [Entwicklung], Seite 70.

There are no known Critical issues with this release. If no Critical bugs are found, then the official 2.16.0 release will be on 20 April 2012. If you discover any problems, please send us [Fehlerberichte], Seite 68.

### The LilyPond Report #25. *Apr 1st, 2012*

The *LilyPond Report* is back, with a rather unusual issue featuring our young Polish contributor Janek Warchoł! Also included in this issue are quite a few unexpected items, including (but not limited to)... a cooking recipe!

Come read LilyPond Report 25 (`https://web.archive.org/web/20110325004849/http://news.lilynet.net/?The-LilyPond-Report-25`) now; comments and contributions are warmly encouraged!

### LilyPond 2.15.35 released! *Mar 28, 2012*

We are happy to announce the release of LilyPond 2.15.35. This release contains the usual number of bugfixes.

It is strongly recommended that normal users do **not** use this release, and instead use the stable 2.14 version. Please note that due to a few Critical bugs, this is not the next release candidate.

### LilyPond 2.15.34 released! *Mar 19, 2012*

We are happy to announce the release of LilyPond 2.15.34. This release contains the usual number of bugfixes.

It is strongly recommended that normal users do **not** use this release, and instead use the stable 2.14 version. Please note that due to a few Critical bugs, this is not the next release candidate.

### LilyPond 2.15.33 released! *Mar 08, 2012*

We are happy to announce the release of LilyPond 2.15.33. This release contains the usual number of bugfixes.

It is strongly recommended that normal users do **not** use this release, and instead use the stable 2.14 version. Please note that due to a few Critical bugs, this is not the next release candidate.

### The LilyPond Report #24. *Mar 5, 2012*

A new issue of the *LilyPond Report* is now available for reading; topics include a request for funding, an article about exciting new features in LilyPond grammar, and an overview of LilyPond-based web applications.

Come read LilyPond Report 24 (`https://web.archive.org/web/20110325004849/http://news.lilynet.net/?The-LilyPond-Report-24`) now; comments and contributions are warmly encouraged!

### LilyPond 2.15.32 released! *Mar 03, 2012*

We are happy to announce the release of LilyPond 2.15.32. This release contains the usual number of bugfixes.

It is strongly recommended that normal users do **not** use this release, and instead use the stable 2.14 version. Please note that due to a few Critical bugs, this is not the next release candidate.

### LilyPond 2.15.31 released! *Feb 29, 2012*

We are happy to announce the release of LilyPond 2.15.31. This release contains the usual number of bugfixes.

It is strongly recommended that normal users do **not** use this release, and instead use the stable 2.14 version. Please note that due to a few Critical bugs, this is not the next release candidate.

### Release candidate 3 of 2.16 - LilyPond 2.15.30 released! *Feb 17, 2012*

LilyPond 2.15.30 is out; this is the third release candidate of the upcoming 2.16 stable release. All users are invited to experiment with this version. New features since 2.14.2 are listed in the „Changes“ manual on the website section about [Entwicklung], Seite 70.

There are no known Critical issues with this release. If no Critical bugs are found, then the official 2.16.0 release will be on 02 March 2012. If you discover any problems, please send us [Fehlerberichte], Seite 68.

### LilyPond 2.15.29 released! *Feb 9, 2012*

We are happy to announce the release of LilyPond 2.15.29. This release contains the usual number of bugfixes.

It is strongly recommended that normal users do **not** use this release, and instead use the stable 2.14 version. Please note that due to a few Critical bugs, this is not the next release candidate.

### LilyPond 2.15.28 released! *Feb 3, 2012*

We are happy to announce the release of LilyPond 2.15.28. This release contains the usual number of bugfixes.

It is strongly recommended that normal users do **not** use this release, and instead use the stable 2.14 version. Please note that due to a few Critical bugs, this is not the next release candidate.

### LilyPond 2.15.27 released! *Jan 24, 2012*

We are happy to announce the release of LilyPond 2.15.27. This release contains the usual number of bugfixes.

It is strongly recommended that normal users do **not** use this release, and instead use the stable 2.14 version. Please note that due to a few Critical bugs, this is not the next release candidate.

### The LilyPond Report #23. *Jan 20, 2012*

The *LilyPond Report* is back, with developer David Kastrup as a new editor! This issue features an exposé on some of the new, handy commands recently added to LilyPond, as well as an interview with LilyPond contributor and composer Mike Solomon.

Come read LilyPond Report 23 (`https://web.archive.org/web/20110325004849/http://news.lilynet.net/?The-LilyPond-Report-23`) now; comments and contributions are warmly encouraged!

### LilyPond 2.15.26 released! *Jan 16, 2012*

We are happy to announce the release of LilyPond 2.15.26. This release contains the usual number of bugfixes.

It is strongly recommended that normal users do **not** use this release, and instead use the stable 2.14 version. Please note that due to a few Critical bugs, this is not the next release candidate.

The 2.15.25 has been skipped due to build problems.

### LilyPond 2.15.24 released! *Jan 07, 2012*

We are happy to announce the release of LilyPond 2.15.24. This release contains the usual number of bugfixes.

It is strongly recommended that normal users do **not** use this release, and instead use the stable 2.14 version. Please note that due to a few Critical bugs, this is not the next release candidate.

### LilyPond 2.15.23 released! *Dec 21, 2011*

We are happy to announce the release of LilyPond 2.15.23. This release contains the usual number of bugfixes.

It is strongly recommended that normal users do **not** use this release, and instead use the stable 2.14 version. Please note that due to a few Critical bugs, this is not the next release candidate.

### LilyPond 2.15.22 released! *Dec 15, 2011*

We are happy to announce the release of LilyPond 2.15.22. This release contains the usual number of bugfixes.

It is strongly recommended that normal users do **not** use this release, and instead use the stable 2.14 version. Please note that due to a few Critical bugs, this is not the next release candidate.

### LilyPond 2.15.21 released! *Dec 6, 2011*

We are happy to announce the release of LilyPond 2.15.21. This release contains the usual number of bugfixes.

It is strongly recommended that normal users do **not** use this release, and instead use the stable 2.14 version. Please note that due to a few Critical bugs, this is not the next release candidate.

### LilyPond 2.15.20 released! *Nov 24, 2011*

We are happy to announce the release of LilyPond 2.15.20. This release contains the usual number of bugfixes.

It is strongly recommended that normal users do **not** use this release, and instead use the stable 2.14 version. Please note that due to a few Critical bugs, this is not the next release candidate.

### LilyPond 2.15.19 released! *Nov 18, 2011*

We are happy to announce the release of LilyPond 2.15.19. This release contains the usual number of bugfixes.

It is strongly recommended that normal users do **not** use this release, and instead use the stable 2.14 version. Please note that due to a few Critical bugs, this is not the next release candidate.

### LilyPond 2.15.18 released! *Nov 12, 2011*

We are happy to announce the release of LilyPond 2.15.18. This release contains the usual number of bugfixes.

It is strongly recommended that normal users do **not** use this release, and instead use the stable 2.14 version. Please note that due to a few Critical bugs, this is not the next release candidate.

### LilyPond 2.15.17 released! *Nov 10, 2011*

We are happy to announce the release of LilyPond 2.15.17. This release contains the usual number of bugfixes.

It is strongly recommended that normal users do **not** use this release, and instead use the stable 2.14 version. Please note that due to a few Critical bugs, this is not the next release candidate.

### LilyPond 2.15.16 released! *October 28, 2011*

We are happy to announce the release of LilyPond 2.15.16. This release contains the usual number of bugfixes.

It is strongly recommended that normal users do **not** use this release, and instead use the stable 2.14 version. Please note that due to a few Critical bugs, this is not the next release candidate.

### LilyPond 2.15.15 released! *October 24, 2011*

We are happy to announce the release of LilyPond 2.15.15. This release contains the usual number of bugfixes.

It is strongly recommended that normal users do **not** use this release, and instead use the stable 2.14 version. Please note that due to a few Critical bugs, this is not the next release candidate.

### LilyPond 2.15.14 released! *October 7, 2011*

We are happy to announce the release of LilyPond 2.15.14. This release contains the usual number of bugfixes.

It is strongly recommended that normal users do **not** use this release, and instead use the stable 2.14 version. Please note that due to a few Critical bugs, this is not the next release candidate.

### LilyPond 2.15.13 released! *September 27, 2011*

We are happy to announce the release of LilyPond 2.15.13. This release contains the usual number of bugfixes.

It is strongly recommended that normal users do **not** use this release, and instead use the stable 2.14 version. Please note that due to a few Critical bugs, this is not the next release candidate.

### Release candidate 2 cancelled *Sep 23, 2011*

The release countdown is cancelled due to the discovery of a Critical regression.

### Release candidate 2 of 2.16 - LilyPond 2.15.12 released! *Sep 20, 2011*

LilyPond 2.15.12 is out; this is the second release candidate of the upcoming 2.16 stable release. All users are invited to experiment with this version. New features since 2.14.2 are listed in the „Changes“ manual on the website section about [Entwicklung], Seite 70.

There are no known Critical issues with this release. If no Critical bugs are found, then the official 2.16.0 release will be on 27 Sep 2011. If you discover any problems, please send us [Fehlerberichte], Seite 68.

### LilyPond 2.15.11 released! *September 11, 2011*

We are happy to announce the release of LilyPond 2.15.11. This release contains the usual number of bugfixes.

It is strongly recommended that normal users do **not** use this release, and instead use the stable 2.14 version. Please note that due to the possibility of a few Critical bugs, this is not the next release candidate.

### LilyPond 2.15.10 released! *September 6, 2011*

We are happy to announce the release of LilyPond 2.15.10. This release contains the usual number of bugfixes.

It is strongly recommended that normal users do **not** use this release, and instead use the stable 2.14 version. Please note that due to a few outstanding Critical bugs, this is not the next release candidate.

### LilyPond 2.15.9 released! *August 30, 2011*

We are happy to announce the release of LilyPond 2.15.9. This release contains the usual number of bugfixes, and also adds support for MacOS X 10.7.

It is strongly recommended that normal users do **not** use this release, and instead use the stable 2.14 version. Please note that due to a few outstanding Critical bugs, this is not the next release candidate.

### Release candidate 1 of 2.16 - LilyPond 2.15.8 released! *Aug 01, 2011*

LilyPond 2.15.8 is out; this is the first release candidate of the upcoming 2.16 stable release. All users are invited to experiment with this version. New features since 2.14.2 are listed in the „Changes“ manual on the website section about [Entwicklung], Seite 70.

There are no known Critical issues with this release. If no Critical bugs are found, then the official 2.16.0 release will be on 08 Aug 2011. If you discover any problems, please send us [Fehlerberichte], Seite 68.

### LilyPond 2.15.7 released! *July 29, 2011*

We are happy to announce the release of LilyPond 2.15.7. This release contains the usual number of bugfixes.

It is strongly recommended that normal users do **not** use this release, and instead use the stable 2.14 version.

### LilyPond 2.15.6 released! *July 26, 2011*

We are happy to announce the release of LilyPond 2.15.6. This release contains the usual number of bugfixes.

It is strongly recommended that normal users do **not** use this release, and instead use the stable 2.14 version.

### LilyPond 2.14.2 released! *July 25, 2011*

We are happy to announce the release of LilyPond 2.14.2. This fixes a few minor bugs in the stable version, and should cause no problems. We recommend that everybody upgrade to this version.

### LilyPond 2.15.5 released! *July 12, 2011*

We are happy to announce the release of LilyPond 2.15.5. This release contains the usual number of bugfixes.

It is strongly recommended that normal users do **not** use this release, and instead use the stable 2.14 version.

### LilyPond 2.15.4 released! *July 4, 2011*

We are happy to announce the release of LilyPond 2.15.4. This release contains the usual number of bugfixes.

It is strongly recommended that normal users do **not** use this release, and instead use the stable 2.14 version.

### LilyPond 2.15.3 released! *June 27, 2011*

We are happy to announce the release of LilyPond 2.15.3. This release contains the usual number of bugfixes.

It is strongly recommended that normal users do **not** use this release, and instead use the stable 2.14 version.

### LilyPond 2.15.2 released! *June 18, 2011*

We are happy to announce the release of LilyPond 2.15.2. This release contains the usual number of bugfixes.

It is strongly recommended that normal users do **not** use this release, and instead use the stable 2.14 version.

### LilyPond 2.14.1 released! *June 12, 2011*

We are happy to announce the release of LilyPond 2.14.1. This fixes a few minor bugs in the stable version, and should cause no problems. We recommend that everybody upgrade to this version.

### LilyPond 2.15.1 released! *June 11, 2011*

We are happy to announce the release of LilyPond 2.15.1. This is the beginning of a new unstable development effort, and adds the usual number of bugs.

It is strongly recommended that normal users do **not** use this release, and instead use the stable 2.14 version.

### LilyPond 2.15.0 released! *June 7, 2011*

We are happy to announce the release of LilyPond 2.15.0. This is the beginning of a new unstable development effort, and adds the usual number of bugs.

It is strongly recommended that normal users do **not** use this release, and instead use the stable 2.14 version.

### LilyPond 2.14.0 released! *June 6, 2011*

We are proud to announce the release of GNU LilyPond 2.14. LilyPond is a music engraving program, devoted to producing the highest-quality sheet music possible. It brings the aesthetics of traditionally engraved music to computer printouts.

Many improvements have been made in the past two and a half years since the previous main stable version. A few major improvements are:

- LilyPond is now licensed under the GNU GPL v3 or higher.

- The vertical spacing engine has been drastically changed, making it much more flexible and easier to control.
- Automatic beaming is now more flexible, and beam collisions are avoided.

A full list of new features is given in:

```
https://lilypond.org/doc/v2.14/Documentation/changes/index.html
```

Happy music typesetting! LilyPond 2.14 was brought to you by...

Main development team:

Trevor Daniels, Reinhold Kainhofer, David Kastrup, Jonathan Kulp, Werner Lemberg, John Mandereau, Patrick McCarty, Joe Neeman, Han-Wen Nienhuys, Jan Nieuwenhuizen, Graham Percival, Mark Polesky, Neil Puttock, Mike Solomon, Carl Sorensen, Francisco Vila, Valentin Villenave.

Programming contributors:

Sven Axelsson, Pál Benkő, Bertrand Bordage, Frédéric Bron, Peter Chubb, Hajo Dezelski, Richard Gay, Keith OHara, Andrew Hawryluk, Christian Hitz, Marc Hohl, Henning Hraban Ramm, Ian Hulin, Michael Käppler, Marek Klein, Kieren MacMillan, Thomas Morgan, Benjamin Peterson, Nathan Reed, Julien Rioux, Boris Shingarov, Patrick Schmidt, Owen Tuz, Jan Warchoł, Andrew Wilson, Rodolfo Zitellini.

Font contributors:

Keith OHara, Marc Hohl, Alexander Kobel, Carsten Steger.

Documentation contributors:

Colin Campbell, Andrew Hawryluk, James Lowe, Mike Moral, Ralph Palmer, David Pounder, Patrick Schmidt.

Bug squad:

James E. Bailey, Colin Campbell, Phil Holmes, Urs Liska, Ralph Palmer, Kieren MacMillan, Dmytro O. Redchuk.

Binaries support contributors:

Christian Hitz.

Translation contributors:

Federico Bruni, Dénes Harmath, Jean-Charles Malahieude, Tineke de Munnik, Till Paala, Ralf Wildenhues, Yoshiki Sawada.

## Release candidate 7 of 2.14 - LilyPond 2.13.63 released! *May 30, 2011*

LilyPond 2.13.63 is out; this is the seventh release candidate of the upcoming 2.14 stable release. All users are invited to experiment with this version. New features since 2.12.3 are listed in the „Changes“ manual on the website section about [Entwicklung], Seite 70.

There are no known Critical issues with this release. If no Critical bugs are found, then the official 2.14.0 release will be on June 6, 2011. If you discover any problems, please send us [Fehlerberichte], Seite 68.

## LilyPond 2.13.62 released! *May 24, 2011*

We are happy to announce the release of LilyPond 2.13.62. This release contains the usual number of bugfixes.

Please note that this is **not** the next release candidate, due to a few remaining Critical bugs.

### LilyPond 2.13.61 released! *May 1, 2011*

We are happy to announce the release of LilyPond 2.13.61. This release contains the usual number of bugfixes.

Please note that this is **not** the next release candidate, due to a few remaining Critical bugs.

### LilyPond 2.13.60 released! *April 16, 2011*

We are happy to announce the release of LilyPond 2.13.60. This release contains the usual number of bugfixes.

Please note that this is **not** the next release candidate, due to a few remaining Critical bugs.

### Linux Journal Magazine article - *April 2011*

Linux Magazine (`https://www.linux-magazine.com`) publishes an article in the May 2011 issue titled Projects on the Move (`http://www.linux-magazine.com/content/download/61706/482546/version/1/file/088-090_projects.pdf`). It is an introduction to MuseScore, LilyPond and Chordii. Author Carla Schroder states „LilyPond is driven from the command line, but don't let the lack of a GUI scare you away; LilyPond is user-friendly and easy to learn“, and provides a hands-on example.

### LilyPond 2.13.59 released! *April 10, 2011*

We are happy to announce the release of LilyPond 2.13.59. This release contains the usual number of bugfixes.

Please note that this is **not** the next release candidate, due to a few remaining Critical bugs.

### Release candidate 6 of 2.14 - LilyPond 2.13.58 released! *April 7, 2011*

LilyPond 2.13.58 is out; this is the sixth release candidate of the upcoming 2.14 stable release. All users are invited to experiment with this version. New features since 2.12.3 are listed in the „Changes“ manual on the website section about [Entwicklung], Seite 70.

There are no known Critical issues with this release. If no Critical bugs are found, then the official 2.14.0 release will be on April 14, 2011. If you discover any problems, please send us [Fehlerberichte], Seite 68.

### Release candidate 5 of 2.14 - LilyPond 2.13.57 released! *April 3, 2011*

LilyPond 2.13.57 is out; this is the fifth release candidate of the upcoming 2.14 stable release. All users are invited to experiment with this version. New features since 2.12.3 are listed in the „Changes“ manual on the website section about [Entwicklung], Seite 70.

There are no known Critical issues with this release. If no Critical bugs are found, then the official 2.14.0 release will be on April 10, 2011. If you discover any problems, please send us [Fehlerberichte], Seite 68.

### Release candidate 4 of 2.14 - LilyPond 2.13.56 released! *Mar 29, 2011*

LilyPond 2.13.56 is out; this is the fourth release candidate of the upcoming 2.14 stable release. All users are invited to experiment with this version. New features since 2.12.3 are listed in the „Changes“ manual on the website section about [Entwicklung], Seite 70.

There are no known Critical issues with this release. If no Critical bugs are found, then the official 2.14.0 release will be on April 5, 2011. If you discover any problems, please send us [Fehlerberichte], Seite 68.

### LilyPond 2.13.55 released! *Mar 22, 2011*

We are happy to announce the release of LilyPond 2.13.55. This release contains the usual number of bugfixes.

Please note that this is **not** the fourth release candidate, due to a few remaining Critical bugs.

### Release candidate 3 withdrawn *Mar 15, 2011*

We have discovered a regression since 2.12.3, so lilypond 2.13.54 is no longer a candidate for the 2.14.0 release. However, please continue testing it – we would like to discover (and fix!) any more regressions as soon as possible. If you discover any problems, please send us [Fehlerberichte], Seite 68.

### Release candidate 3 of 2.14 - LilyPond 2.13.54 released! *Mar 13, 2011*

LilyPond 2.13.54 is out; this is the third release candidate of the upcoming 2.14 stable release. All users are invited to experiment with this version. New features since 2.12.3 are listed in the „Changes“ manual on the website section about [Entwicklung], Seite 70.

There are no known Critical issues with this release. If no Critical bugs are found, then the official 2.14.0 release will be on March 27, 2011. If you discover any problems, please send us [Fehlerberichte], Seite 68.

### LilyPond 2.13.53 released! *Mar 6, 2011*

We are happy to announce the release of LilyPond 2.13.53. This release contains the usual number of bugfixes.

Please note that this is **not** the third release candidate, due to a few remaining Critical bugs.

### LilyPond 2.13.52 released! *Mar 1, 2011*

We are happy to announce the release of LilyPond 2.13.52. This release contains the usual number of bugfixes.

Please note that this is **not** the third release candidate, due to a few remaining Critical bugs.

### LilyPond 2.13.51 released! *Feb 22, 2011*

We are happy to announce the release of LilyPond 2.13.51. This release contains the usual number of bugfixes.

Please note that this is **not** the third release candidate, due to a few remaining Critical bugs.

### LilyPond 2.13.50 released! *Feb 13, 2011*

We are happy to announce the release of LilyPond 2.13.50. This release contains the usual number of bugfixes.

Please note that this is **not** the third release candidate. Due to a number of untested changes to our build process, we cannot be at all confident about the quality of this release.

### New Chinese and Czech translations of the web page! *Feb 11,2011*

Two new languages are added to our web page: Chinese by Ben Luo, and Czech by Pavel Fric. It is a work in progress but they are fully functional. That makes ten languages to choose from!

### Release candidate 2 of 2.14 - LilyPond 2.13.49 released! *Feb 9, 2011*

LilyPond 2.13.49 is out; this is the second release candidate of the upcoming 2.14 stable release. All users are invited to experiment with this version. New features since 2.12.3 are listed in the „Changes“ manual on the website section about [Entwicklung], Seite 70.

There are no known Critical issues with this release. If no Critical bugs are found, then the official 2.14.0 release will be on Feb 23, 2011. If you discover any problems, please send us [Fehlerberichte], Seite 68.

### LilyPond 2.13.48 released! *Feb 5, 2011*

We are happy to announce the release of LilyPond 2.13.48. This release contains the usual number of bugfixes. However, a number of critical issues still remain, so this release is intended for developers only.

### LilyPond 2.13.47 released! *Jan 28, 2011*

We are happy to announce the release of LilyPond 2.13.47. This release contains the usual number of bugfixes. However, a number of critical issues still remain, so this release is intended for developers only.

### Release candidate 1 withdrawn *Jan 13, 2011*

We have discovered a regression since 2.12.3, so lilypond 2.13.46 is no longer a candidate for the 2.14.0 release. However, please continue testing it – we would like to discover (and fix!) any more regressions as soon as possible. If you discover any problems, please send us [Fehlerberichte], Seite 68.

### Release candidate 1 of 2.14 - LilyPond 2.13.46 released! *Jan 12, 2011*

LilyPond 2.13.46 is out; this is the first release candidate of the upcoming 2.14 stable release. All users are invited to experiment with this version. New features since 2.12.3 are listed in the „Changes“ manual on the website section about [Entwicklung], Seite 70.

There are no known Critical issues with this release. If no Critical bugs are found, then the official 2.14.0 release will be on 26 Jan 2011. If you discover any problems, please send us [Fehlerberichte], Seite 68.

### LilyPond 2.13.45 released! *Jan 3, 2011*

We are happy to announce the release of LilyPond 2.13.45. This release contains the usual number of bugfixes. However, a number of critical issues still remain, so this release is intended for developers only.

### Beta test three of 2.14 – LilyPond 2.13.44 released! *Dec 25, 2010*

LilyPond 2.13.44 is out; this is the third beta test of the upcoming 2.14 stable release. Users are invited to experiment with this version. New features since 2.12.3 are listed in the „Changes“ manual on the website section about [Entwicklung], Seite 70.

There is still one Critical problem with this release: in one case, the vertical spacing is much too compressed. If you decide to test this version, do not be surprised to discover problems; just send us polite [Fehlerberichte], Seite 68.

### Beta test two of 2.14 – LilyPond 2.13.43 released! *Dec 14, 2010*

LilyPond 2.13.43 is out; this is the second beta test of the upcoming 2.14 stable release. Users are invited to experiment with this version. New features since 2.12.3 are listed in the „Changes“ manual on the website section about [Entwicklung], Seite 70.

There is still one Critical problem with this release: in one case, the vertical spacing is much too compressed. If you decide to test this version, do not be surprised to discover problems; just send us polite [Fehlerberichte], Seite 68.

### LilyPond 2.13.42 released! *Dec 8, 2010*

We are happy to announce the release of LilyPond 2.13.42. This release contains the usual number of bugfixes. However, a number of critical issues still remain, so this release is intended for developers only.

Please note that this is **not** the second beta test. Due to a number of untested changes to our build process, we cannot be at all confident about the quality of this release.

### LilyPond 2.13.41 released! *Dec 4, 2010*

We are happy to announce the release of LilyPond 2.13.41. This release contains the usual number of bugfixes. However, a number of critical issues still remain, so this release is intended for developers only.

Please note that this is **not** the second beta test. Due to a number of untested changes to our build process, we cannot be at all confident about the quality of this release.

### LilyPond 2.13.40 released! *Nov 21, 2010*

We are happy to announce the release of LilyPond 2.13.40. This release contains the usual number of bugfixes. However, a number of critical issues still remain, so this release is intended for developers only.

Please note that this is **not** the second beta test. Due to a number of untested changes to our build process, we cannot be at all confident about the quality of this release.

### Beta test one of 2.14 – LilyPond 2.13.39 released! *Nov 15, 2010*

LilyPond 2.13.39 is out; this is the first beta test of the upcoming 2.14 stable release. Users are invited to experiment with this version. New features since 2.12.3 are listed in the „Changes“ manual on the website section about [Entwicklung], Seite 70.

There are still some Critical problems with this release: the vertical spacing is suspicious in two cases, and lilypond can crash with some odd input. If you decide to test 2.13.39, do not be surprised to discover problems; just send us polite [Fehlerberichte], Seite 68.

### The LilyPond Report #22. *Nov 3, 2010*

The *LilyPond Report* is back, with some surprises and exciting news for the whole LilyPond community! To be found in this issue is an up-to-date, complete list of all LilyPond mailing lists and forums around the world. Also, for the very first time our special guest today is LilyPond's co-founder and core developer **Jan Nieuwenhuizen**, who has been busy these past months – read on to find out what for!

Come read LilyPond Report 22 (`https://web.archive.org/web/20110325004849/http://news.lilynet.net/?The-LilyPond-Report-22`) now; comments and contributions are warmly encouraged!

### Alpha test four of 2.14 – LilyPond 2.13.38 released! *Oct 31, 2010*

LilyPond 2.13.38 is out; this is the fourth alpha test of the upcoming 2.14 stable release. Users are invited to experiment with this version. New features since 2.12.3 are listed in the „Changes“ manual on the website section about [Entwicklung], Seite 70.

There are still some Critical problems with this release: the vertical spacing is suspicious in two cases, and lilypond can crash with some odd input. If you decide to test 2.13.38, do not be surprised to discover problems; just send us polite [Fehlerberichte], Seite 68.

### Alpha test three of 2.14 – LilyPond 2.13.37 released! *Oct 25, 2010*

LilyPond 2.13.37 is out; this is the third alpha test of the upcoming 2.14 stable release. Users are invited to experiment with this version. New features since 2.12.3 are listed in the „Changes“ manual on the website section about [Entwicklung], Seite 70.

There are still some Critical problems with this release: the vertical spacing is suspicious in two cases, and lilypond can crash with some odd input. If you decide to test 2.13.37, do not be surprised to discover problems; just send us polite [Fehlerberichte], Seite 68.

### LilyPond 2.13.36 released! *Oct 19, 2010*

We are happy to announce the release of LilyPond 2.13.36. This release contains the usual number of bugfixes. However, a number of critical issues still remain, so this release is intended for developers only.

Please note that this is **not** the third alpha test. Due to a number of untested changes to our build process, we cannot be at all confident about the quality of this release.

### The LilyPond Report #21. *Oct 3, 2010*

The *LilyPond Report* is back, with its two „grumpy-and-fluffy“ editors! This issue mainly deals with microtonal notation in LilyPond, but does also include a how-to about running LilyPond from an USB key, not to forget the regular release news, the bug report of the Report, and some news from the frog pond!

Come read LilyPond Report 21 (`https://web.archive.org/web/20110325004849/http://news.lilynet.net/?The-LilyPond-Report-21`) now; comments and contributions are warmly encouraged!

### Alpha test two of 2.14 – LilyPond 2.13.35 released! *Sep 29, 2010*

LilyPond 2.13.35 is out; this is the second alpha test of the upcoming 2.14 stable release. Users are invited to experiment with this version. New features since 2.12.3 are listed in the „Changes“ manual on the website section about [Entwicklung], Seite 70.

Three known regressions against 2.12.3 still exist: Issue 1173 MetronomeMarks cannot be aligned on a note if a multi-measure rest exists in another voice (`https://code.google.com/p/lilypond/issues/detail?id=1173`), and two spacing bugs: Issue 1240 (`https://code.google.com/p/lilypond/issues/detail?id=1240`) and Issue 1252 (`https://code.google.com/p/lilypond/issues/detail?id=1252`). If you decide to test 2.13.35, do not be surprised to discover problems; just send us polite [Fehlerberichte], Seite 68.

### Alpha test of 2.14 – LilyPond 2.13.34 released! *Sep 21, 2010*

LilyPond 2.13.34 is out; this is the first alpha test of the upcoming 2.14 stable release. Users are invited to experiment with this version. New features since 2.12.3 are listed in the „Changes“ manual on the website section about [Entwicklung], Seite 70.

One known regression against 2.12.3 still exist: Issue 1173 MetronomeMarks cannot be aligned on a note if a multi-measure rest exists in another voice (`https://code.google.com/p/lilypond/issues/detail?id=1173`), but we expect to find more. If you decide to test 2.13.34, do not be surprised to discover problems; just send us polite [Fehlerberichte], Seite 68.

### LilyPond 2.13.33 released! *Sep 10, 2010*

We are happy to announce the release of LilyPond 2.13.33. This release contains the usual number of bugfixes. However, a number of critical issues still remain, so this release is intended for developers only.

### LilyPond 2.13.32 released! *Sep 3, 2010*

We are happy to announce the release of LilyPond 2.13.32. This release contains the usual number of bugfixes. However, a number of critical issues still remain, so this release is intended for developers only.

### LilyPond Report #20. *Sep 2, 2010*

The *LilyPond Report* is back, with its two „grumpy-and-fluffy“ editors! This issue contains a review of an online notation editor using lilypond, along with the regular release news, snippet of the report, news from the frog pond, and the bug report of the report!

Come read LilyPond Report 20 (`https://web.archive.org/web/20110325004849/http://news.lilynet.net/?The-LilyPond-Report-20`) now; comments and contributions are warmly encouraged!

### LilyPond 2.13.31 released! *Aug 24, 2010*

We are happy to announce the release of LilyPond 2.13.31. This release contains the usual number of bugfixes. However, a number of critical issues still remain, so this release is intended for developers only.

### LilyPond 2.13.30 released! *Aug 13, 2010*

We are happy to announce the release of LilyPond 2.13.30. This release contains the usual number of bugfixes. However, a number of critical issues still remain, so this release is intended for developers only.

### LilyPond Report #19. *Aug 9, 2010*

The *LilyPond Report* is back, with its two „grumpy-and-fluffy“ editors! This issue contains some conference news, along with the regular release news, snippet of the report, news from the frog pond, and the bug report of the report!

Come read LilyPond Report 19 (`https://web.archive.org/web/20110325004849/http://news.lilynet.net/?The-LilyPond-Report-19`) now; comments and contributions are warmly encouraged!

### LilyPond 2.13.29 released! *Aug 4, 2010*

We are happy to announce the release of LilyPond 2.13.29. This release contains the usual number of bugfixes. However, a number of critical issues still remain, so this release is intended for developers only.

This release radically changes the autobeaming rules, so use extra caution and expect breakage.

### LilyPond 2.13.28 released! *July 13, 2010*

We are happy to announce the release of LilyPond 2.13.28. This release contains the usual number of bugfixes. However, a number of critical issues still remain, so this release is intended for developers only.

This release includes some major untested changes to the windows lilypad editor. Windows users should not be using this release because it is intended for developers only, but you ignore these warnings and try it anyway, use extra caution.

### LilyPond 2.13.27 released! *July 5, 2010*

We are happy to announce the release of LilyPond 2.13.27. This release contains the usual number of bugfixes. However, a number of critical issues still remain, so this release is intended for developers only.

### Testing our new website! *June 29, 2010*

We're testing our new website! For the next 24 hours, the new website will be the default website; after that, we will switch back to the old website while we examine feedback and make improvements to the new website.

Please send feedback to `lilypond-user`; you can find more information on our page about [Kontakt], Seite 65.

> **Achtung:** There are a few known problems with translations. If you are a non-English speaker, you may prefer to view the old lilypond website at: `https://lilypond.org/web/`

### LilyPond 2.13.26 released! *June 26, 2010*

We are happy to announce the release of LilyPond 2.13.26. This release contains the usual number of bugfixes. However, a number of critical issues still remain, so this release is intended for developers only.

### LilyPond 2.13.25 released! *June 20, 2010*

We are happy to announce the release of LilyPond 2.13.25. This release contains the usual number of bugfixes. However, a number of critical issues still remain, so this release is intended for developers only.

### LilyPond 2.13.24 released! *June 14, 2010*

We are happy to announce the release of LilyPond 2.13.24. This release contains the usual number of bugfixes. However, a number of critical issues still remain, so this release is intended for developers only.

### LilyPond 2.13.23 released! *June 3, 2010*

We are happy to announce the release of LilyPond 2.13.23. This release contains the usual number of bugfixes. However, a number of critical issues still remain, so this release is intended for developers only.

### LilyPond 2.13.22 released! *May 27, 2010*

We are happy to announce the release of LilyPond 2.13.22. This release contains the usual number of bugfixes. However, a number of critical issues still remain, so this release is intended for developers only.

### LilyPond 2.13.21 released! *May 12, 2010*

We are happy to announce the release of LilyPond 2.13.21. This release contains the usual number of bugfixes. However, a number of critical issues still remain, so this release is intended for developers only.

This release should be of particular interest to package maintainers: we have made a few changes to the configure script and the required libraries. Barring any urgent bug reports, this is the build system and libraries that will be used for the next stable release.

### LilyPond Report #18. *May 11, 2010*

The *LilyPond Report* is back, with its two „grumpy-and-fluffy“ editors! This issue will be filled with emotion and coolness, paper bags and zigzag-ending staves, plus the usual Frogs and Bugs.

Come read LilyPond Report 18 (https://web.archive.org/web/20110325004849/http://news.lilynet.net/?The-LilyPond-Report-18) now; comments and contributions are warmly encouraged!

### LilyPond 2.13.20 released! *May 5, 2010*

We are happy to announce the release of LilyPond 2.13.20. This release contains the usual number of bugfixes. However, a number of critical issues still remain, so this release is intended for developers only.

Minor syntax change: the undocumented \cresc and \decresc have changed. In addition, the [options] for the LaTeX mode of lilypond-book now comes after the {lilypond}, following normal LaTeX practice. As always, see the Changes document for more information.

### LilyPond 2.13.19 released! *April 24, 2010*

We are happy to announce the release of LilyPond 2.13.19. This release contains the usual number of bugfixes. However, 11 critical issues still remain, so this release is intended for developers only.

### LilyPond 2.13.18 released! *April 16, 2010*

We are happy to announce the release of LilyPond 2.13.18. This release contains the usual number of bugfixes, along with improved website translations. However, 14 critical issues still remain, so this release is intended for developers only.

### LilyPond 2.13.17 released! *April 2, 2010*

We are happy to announce the release of LilyPond 2.13.17. This release includes bugfixes for 4 critical issues. However, 15 critical issues still remain, so this release is intended for developers only.

### LilyPond 2.13.16 released! *March 15, 2010*

We are happy to announce the release of LilyPond 2.13.16. This release is intended for developers only, and includes the usual round of bugfixes.

### LilyPond 2.13.15 released! *March 4, 2010*

We are happy to announce the release of LilyPond 2.13.15. This release is intended for developers only, and includes a few updates to the binary build process in addition to the usual round of bugfixes.

### LilyPond Report #17. *March 1, 2010*

Yay, the Report is back, with a new team! It has been said that two heads are better than one — does it apply to newsletters as well? Read on and let us know! In this issue we'll talk about websites and poetry, frogs and bugs, not to mention an extensive review of the Frescobaldi editor!

What are you waiting for? Come read LilyPond Report 17 (https://web.archive.org/web/20110325004849/http://news.lilynet.net/?The-LilyPond-Report-17) now!

### LilyPond 2.13.14 released! *February 27, 2010*

We are happy to announce the release of LilyPond 2.13.14. This release is intended for developers only, and includes a large translation update in addition to the usual round of bugfixes.

### LilyPond 2.13.13 released! *February 13, 2010*

We are happy to announce the release of LilyPond 2.13.13. This release is intended for developers only, and fixes various problems with documentation build system as well as adding an output-preview-framework for our SVG backend. In addition, the binaries are now approximately 6 megabytes smaller.

### LilyPond 2.13.12 released! *February 2, 2010*

We are happy to announce the release of LilyPond 2.13.12. This release is intended for developers only, and brings more stability and fewer bugs to the build system and Contributor's Guide.

### LilyPond 2.13.11 released! *January 16, 2010*

We are happy to announce the release of LilyPond 2.13.11. This release is intended for developers only, and brings a number of improvements to the build system, Contributor's Guide, and fixes 4 critical regressions against earlier versions.

### LilyPond 2.13.10 released! *December 31, 2009*

We are happy to announce the release of LilyPond 2.13.10. This release is intended for developers only, and brings a number of improvements such as predictable regression test output filenames and English names for feta filenames.

### LilyPond 2.12.3 released! *December 20, 2009*

We are happy to announce the release of LilyPond 2.12.3. This version contains the long-awaited fix for our GUI on MacOS X 10.5 and 10.6. In addition to the GUI fixes, this version contains dozens of bugfixes backported from the unstable development version.

We recommend that all users upgrade to this version. This is the last planned release in the 2.12 stable series; development now shifts towards the upcoming 2.14 series.

### LilyPond 2.13.9 released! *December 12, 2009*

LilyPond 2.13.9 is now out. From 2.13.9 onwards, LilyPond is licensed under the GNU GPL v3+ for code, and the GNU FDL 1.3+ for documentation. In addition to the usual round of bugfixes, this release adds a shortcut for repeated chords.

Please note that 2.13 is an **unstable development** branch; normal users should continue to use 2.12.

### New Website! *October 3, 2009*

As you can see, we have a new website design. Many thanks to texi2html and CSS for being so flexible!

### LilyPond Report #16. *September 6, 2009*

The LilyPond Report is back! This short, informal opinion column is about the LilyPond project: its team, its world, its community. Read issue 16 (`https://web.archive.org/web/20110325004849/http://news.lilynet.net/?The-LilyPond-Report-16`) now!

### LilyPond 2.13.3. *July 2, 2009*

This unstable release contains working menus in OSX 10.5; many thanks to Christian Hitz for fixing this long-standing problem! This release also contains numerous other bugfixes and features such as ties with variable thickness, partially dashed slurs, and eyeglasses.
We are planning another 2.12 release in the next week or two, which will include the menu fixes for OSX 10.5. Normal users may wish to wait for this release rather than using an unstable release.
[Änderungen], Seite 55, [Entwicklung], Seite 70.

### A LilyPond weboldala magyarul. *May 22, 2009*

Elkészült a lilypond.org nagy részének magyar fordítása a LilyPond honosítási projekt első lépéseként. A projekt célja a LilyPond szabad kottaszedő szoftver minél széleskörűbben elérhetővé tétele a magyar felhasználók számára a teljes weboldal és dokumentáció lefordítása révén. A

teljes dokumentáció lefordításához közreműködőket keresünk. Ha részt vennél a honosításban, küldj egy e-mailt a harmathdenes AT gmail.com címre!
Harmath Dénes, a LilyPond honosítási projekt vezetője

### The LilyPond Report #15. *May 18, 2009*

The *LilyPond Report* is a short, informal opinion column about the LilyPond project: its team, its world, its community. Follow this link (https://web.archive.org/web/20110325004849/http://news.lilynet.net/?The-LilyPond-Report-15) to read the full issue...

### The LilyPond Report #14. *April 13, 2009*

The *LilyPond Report* is back, on a new website! This short, informal, weekly opinion column is about the LilyPond project: its team, its world, its community. Follow this link (https://web.archive.org/web/20110325004849/http://news.lilynet.net/?The-LilyPond-Report-14) to read the full issue...

### LilyPond 2.12.2 and 2.13.0 — *March 21, 2009*

As a very belated announcement, the stable version of LilyPond is now 2.12.2, and the next development version has begun with 2.13.0.

### LilyPond 2.12.0 „Rune“ — *December 27, 2008*

A new stable release of LilyPond is available.
Announcement (https://lilypond.org/misc/announce-v2.12), [Änderungen], Seite 55, [Download], Seite 39.

### LilyPond 2.11.65 — Release Candidate. *December 2, 2008*

This release has improvements to MusicXML import, contributed by Reinhold Kainhofer, and adds support for splitting a book in several book parts, contributed by Nicolas Sceaux. Nested contexts of the same type are now allowed with any depth, and overriding nested properties can be done with list syntax, thanks to Neil Puttock. This is hopefully the last Release Candidate before stable release 2.12, so you are welcome to test this release if you can to report new issues.
Bugfixes (https://code.google.com/p/lilypond/issues/list?can=1&q=fixed_2_11_65&colspec=ID+Type+Status+Priority+Milestone+Owner+Summary), [Änderungen], Seite 55, [Alte Downloads], Seite 41.

### LilyPond 2.11.64. *November 18, 2008*

LilyPond 2.11.64 is available. MusicXML import has been improved, including church modes support, and a few bugs in the compilation and documentation building processes are fixed. The three documentation manuals are now fully translated in Spanish, thanks to Francisco Vila. The font cache problem in Windows binaries which used to cause excessive slowness should be fixed. [Änderungen], Seite 55, [Alte Downloads], Seite 41.

### LilyPond 2.11.63. *October 29, 2008*

LilyPond 2.11.63 is available. This release has lots of updates to the documentation and translations. [Alte Downloads], Seite 41.

### LilyPond 2.11.62 – Release Candidate. *October 11, 2008*

LilyPond 2.11.62 is available. This is is one of the last releases before 2.12, so testing it is encouraged. In addition to a bugfix in \tempo command, this release has lot of updates to Spanish and German documentation translations, and the stylesheet for HTML documentation has been improved.

Bugfixes (https://code.google.com/p/lilypond/issues/list?can=1&q=fixed_2_11_62&colspec=ID+Type+Status+Priority+Milestone+Owner+Summary), [Alte Downloads], Seite 41.

### LilyPond 2.11.61 available. *October 1, 2008*

LilyPond 2.11.61 has been released. It has updates to documentation translations, and a new automatic accidentals style (teaching) has been added.
Bugfixes (https://code.google.com/p/lilypond/issues/list?can=1&q=fixed_2_11_61&colspec=ID+Type+Status+Priority+Milestone+Owner+Summary), [Änderungen], Seite 55, [Alte Downloads], Seite 41.

### LilyPond 2.11.60 available. *September 25, 2008*

LilyPond 2.11.60 has been released. A new style of double repeat bar line has been added, and printallheaders variable in score block has been renamed to print-all-headers. [Alte Downloads], Seite 41.

### LilyPond 2.11.59 available. *September 20, 2008*

Release 2.11.59 is out. LilyPond now uses 64 bit integers for rational numbers, which allows typesetting more complex polymetric music. This release also has updates to German and Spanish translations of the documentation. [Alte Downloads], Seite 41.

### LilyPond 2.11.58 available. *September 13, 2008*

LilyPond 2.11.58 is a beta release, which means the next stable release is expected in a few weeks. This release is also special, as it includes code which supports more flexible automatic accidentals rules, written several months ago by Rune Zedeler, deceased since then. All the development team express their condolences to his family and his friends. Besides this, automatic beaming has been improved by Carl Sorensen, support for creating stem flags in a new style has been contributed by Reinhold Kainhofer, and a few bugs have been fixed.
Bugfixes (https://code.google.com/p/lilypond/issues/list?can=1&q=fixed_2_11_58&colspec=ID+Type+Status+Priority+Milestone+Owner+Summary), [Änderungen], Seite 55, [Alte Downloads], Seite 41.

### LilyPond 2.11.57 available. *August 27, 2008*

LilyPond 2.11.57 is out. This release adds support for harp pedal diagrams, contributed by Reinhold Kainhofer, and some changes in markup command names have been made.
[Änderungen], Seite 55, [Alte Downloads], Seite 41.

### LilyPond 2.11.56 available. *August 17, 2008*

LilyPond 2.11.56 is out. This release features transposable fret diagrams, contributed by Carl Sorensen. Translations status pages are now available from the documentation start page. Two predefined commands \pointAndClickOn, \pointAndClickOff have also been added.
[Änderungen], Seite 55, [Alte Downloads], Seite 41.

### LilyPond 2.11.55 available. *August 6, 2008*

LilyPond 2.11.55 is out. This release fixes several bugs, and for octavation brackets set-octavation has been replaced by a more user-friendly command, \ottava.
Bugfixes (https://code.google.com/p/lilypond/issues/list?can=1&q=fixed_2_11_55&colspec=ID+Type+Status+Priority+Milestone+Owner+Summary), [Alte Downloads], Seite 41.

### LilyPond 2.11.54 available. *July 30, 2008*

LilyPond 2.11.54 is out. This release fixes a bug in tie formatting following a line break, and changes the behavior of short-indent so that short instrument names are no longer indented in

the margin.
Bugfixes (https://code.google.com/p/lilypond/issues/list?can=1&q=fixed_2_11_54&colspec=ID+Type+Status+Priority+Milestone+Owner+Summary), [Alte Downloads], Seite 41.

### LilyPond 2.11.53 available. *July 23, 2008*

LilyPond 2.11.53 is out. This release fixes a lot of bugs.
Bugfixes (https://code.google.com/p/lilypond/issues/list?can=1&q=fixed_2_11_53&colspec=ID+Type+Status+Priority+Milestone+Owner+Summary), [Alte Downloads], Seite 41.

### LilyPond 2.11.52 available. *July 14, 2008*

Release 2.11.52 fixes wrong offset of a bar number when it follows a breath mark, and syntax changes made in recent development releases are now fully listed on the News page.
Bugfixes (https://code.google.com/p/lilypond/issues/list?can=1&q=fixed_2_11_52&colspec=ID+Type+Status+Priority+Milestone+Owner+Summary), [Änderungen], Seite 55, [Alte Downloads], Seite 41.

### LilyPond 2.11.51 available. *July 8, 2008*

Release 2.11.51 has a couple of bugfixes, and a lot of changes in predefined command names. Fret diagrams formatting has been improved by Carl Sorensen, it is now controlled by `fret-diagram-details` property.
Bugfixes (https://code.google.com/p/lilypond/issues/list?can=1&q=fixed_2_11_51&colspec=ID+Type+Status+Priority+Milestone+Owner+Summary), [Alte Downloads], Seite 41.

### LilyPond 2.11.50 available. *July 2, 2008*

Release 2.11.50 adds support for metronome marks with text, and backslashed numbers for figured bass, contributed by Reinhold Kainhofer.
Bugfixes (https://code.google.com/p/lilypond/issues/list?can=1&q=fixed_2_11_50&colspec=ID+Type+Status+Priority+Milestone+Owner+Summary), [Alte Downloads], Seite 41.

### The LilyPond Report #13. *June 23, 2008*

This short, informal, weekly opinion column is about the LilyPond project: its team, its world, its community. Follow this link (https://web.archive.org/web/20120220123759/http://news.lilynet.net/?The-LilyPond-Report-13) to read the full issue...

### The LilyPond Report #12. *June 16, 2008*

This short, informal, weekly opinion column is about the LilyPond project: its team, its world, its community. Follow this link (https://web.archive.org/web/20120220123754/http://news.lilynet.net/?The-LilyPond-Report-12) to read the full issue...

### LilyPond 2.11.49 released. *June 12, 2008*

LilyPond 2.11.49 is out. It fixes a number of bugs, including bugs in beams formatting.
Bugfixes (https://code.google.com/p/lilypond/issues/list?can=1&q=fixed_2_11_49&colspec=ID+Type+Status+Priority+Milestone+Owner+Summary), [Alte Downloads], Seite 41.

### LilyPond 2.11.48 released. *June 9, 2008*

LilyPond 2.11.48 is out. This release fixes a few bugs, and `\compressMusic` has been renamed to `\scaleDurations`.
Bugfixes (https://code.google.com/p/lilypond/issues/list?can=1&q=fixed_2_11_48&colspec=ID+Type+Status+Priority+Milestone+Owner+Summary), [Alte Downloads], Seite 41.

### The LilyPond Report #11. *June 9, 2008*

This short, informal, weekly opinion column is about the LilyPond project: its team, its world, its community. Follow this link (`https://web.archive.org/web/20120220123750/http://news.lilynet.net/?The-LilyPond-Report-11`) to read the full issue...

### The LilyPond Report #10. *June 2, 2008*

Welcome to this special tenth issue of the *LilyPond Report*, entirely dedicated to Algorithmic Composition systems.
Follow this link (`https://web.archive.org/web/20120220123743/http://news.lilynet.net/?The-LilyPond-Report-10`) to read the full issue...

### LilyPond 2.11.47 released. *May 28, 2008*

LilyPond now allows all text context properties to be markups, except in `\lyricmode`. This release also fixes regression tests maintenance for developers.
Bugfixes (`https://code.google.com/p/lilypond/issues/list?can=1&q=fixed_2_11_47&colspec=ID+Type+Status+Priority+Milestone+Owner+Summary`), [Alte Downloads], Seite 41.

### LilyPond 2.11.46 available. *May 22, 2008*

Release 2.11.46 fixes a lot of bugs and includes a rewrite of dynamics engravers. Support for slur-shaped arpeggios has been added.
Bugfixes (`https://code.google.com/p/lilypond/issues/list?can=1&q=fixed_2_11_46&colspec=ID+Type+Status+Priority+Milestone+Owner+Summary`), [Änderungen], Seite 55, [Alte Downloads], Seite 41.

### RSS feed - *May 21, 2008*

A RSS feed is now available on lilypond.org. It contains all news announced on the web site start page: releases, LilyPond report, new translations of the site and publications. Feed URL (`https://lilypond.org/web/lilypond-rss-feed.xml`). The info mailing list (see [Kontakt], Seite 65) is still used to announce releases and special events.

### The LilyPond Report #9. *May 05, 2008*

Welcome to this ninth issue of the *LilyPond Report*!
This short, informal, weekly opinion column is about the LilyPond project: its team, its world, its community. Follow this link (`https://web.archive.org/web/20120220123946/http://news.lilynet.net/?The-LilyPond-Report-9`) to read the full issue...

### LilyPond 2.11.45 available. *April 26, 2008*

Release 2.11.45 fixes a couple of bugs in the formatting engine. `lilypond-book` has been improved, with better performance, a bugfix about included files, and more flexibility for preprocessing documents with LaTeX variants. Support for enclosing text in a rounded box has been contributed by Valentin Villenave.
Bugfixes (`https://code.google.com/p/lilypond/issues/list?can=1&q=fixed_2_11_45&colspec=ID+Type+Status+Priority+Milestone+Owner+Summary`), [Änderungen], Seite 55, [Alte Downloads], Seite 41.

### LilyPond 2.11.44 available. *April 14, 2008*

Release 2.11.44 is available. Support for figured bass and chord names has been added to the MusicXML converter.
Bugfixes (`https://code.google.com/p/lilypond/issues/list?can=1&q=fixed_2_11_44&colspec=ID+Type+Status+Priority+Milestone+Owner+Summary`), [Alte Downloads], Seite 41.

### lilypond.org (lilypond.org Japanese translation). *200848 (April 4, 2008)*

lilypond.org

### LilyPond 2.11.43 available. *March 31, 2008*

Release 2.11.43 has been available since March 27. It fixes a couple of formatting bugs, and the font cache problem with MS-Windows binaries which caused excessive slowness has been fixed.
Bugfixes (https://code.google.com/p/lilypond/issues/list?can=1&q=fixed_2_11_43&colspec=ID+Type+Status+Priority+Milestone+Owner+Summary), [Alte Downloads], Seite 41.

### LilyPond 2.11.42 available. *March 9, 2008*

Release 2.11.42 is out. It fixes some formatting and spacing bugs.
Bugfixes (https://code.google.com/p/lilypond/issues/list?can=1&q=fixed_2_11_42&colspec=ID+Type+Status+Priority+Milestone+Owner+Summary), [Alte Downloads], Seite 41.

### Comparison of music engraving with Finale and LilyPond. *February 25, 2008*

In three articles, Andrew Hawryluk compares Finale and LilyPond in general terms, and evaluates in detail engraving capabilities of both pieces of software. The second article is an instructive analysis of Rachmaninoff's Piano Prelude 6 engraving, including comparisons with a reference hand-engraved edition. Read the articles (http://www.musicbyandrew.ca/finale-lilypond-1.html).

### LilyPond 2.11.41 available. *February 25, 2008*

Release 2.11.41 is available. It has a few bugfixes, updated program messages in French, German, Spanish and Vietnamese, and updates to the MusicXML converter.
Bugfixes (https://code.google.com/p/lilypond/issues/list?can=1&q=fixed_2_11_41&colspec=ID+Type+Status+Priority+Milestone+Owner+Summary), [Alte Downloads], Seite 41.

### LilyPond 2.11.37 available. *January 3, 2008*

Release 2.11.37 is available. It has a few bugfixes, and documentation changes. ([Alte Downloads], Seite 41)

### LilyPond 2.11.36 available. *December 13, 2007*

Release 2.11.36 is now available. It has many bugfixes, updates for MusicXML import, and it includes major documentation changes from Grand Documentation Project.
Bugfixes (https://code.google.com/p/lilypond/issues/list?can=1&q=fixed_2_11_36&colspec=ID+Type+Status+Priority+Milestone+Owner+Summary), [Alte Downloads], Seite 41.

### LilyPond 2.10.33 and 2.11.33 available. *September 20, 2007*

Release 2.11.33 is now available.
Bugfixes 2.10 (https://code.google.com/p/lilypond/issues/list?can=1&q=fixed_2_10_33&colspec=ID+Type+Status+Priority+Milestone+Owner+Summary),
Bugfixes 2.11 (https://code.google.com/p/lilypond/issues/list?can=1&q=fixed_2_11_33&colspec=ID+Type+Status+Priority+Milestone+Owner+Summary),
[Alte Downloads], Seite 41.

### LilyPond 2.11.32 available. *September 2, 2007*

Release 2.11.32 is now available.
Bugfixes (https://code.google.com/p/lilypond/issues/list?can=1&q=fixed_2_11_32&colspec=ID+Type+Status+Priority+Milestone+Owner+Summary), [Alte Downloads], Seite 41.

### LilyPond 2.11.31 available. *August 31, 2007*

Release 2.11.31 is now available. It has more bugfixes, updates for MusicXML import and lots of updates for the translations.
Bugfixes (https://code.google.com/p/lilypond/issues/list?can=1&q=fixed_2_11_31&colspec=ID+Type+Status+Priority+Milestone+Owner+Summary), [Alte Downloads], Seite 41.

### LilyPond 2.11.30 available. *August 20, 2007*

Release 2.11.30 is now available. It has various bugfixes among others in the new spacing code, MusicXML import and lots of updates for the translations.
Bugfixes (https://code.google.com/p/lilypond/issues/list?can=1&q=fixed_2_11_30&colspec=ID+Type+Status+Priority+Milestone+Owner+Summary), [Alte Downloads], Seite 41.

### LilyPond 2.10.29 and 2.11.29 available. *August 11, 2007*

Release 2.11.29 is now available. 2.10.29 has a few small fixes. 2.11.29 has several bugfixes, among others in the new spacing code, and lots of updates for the translations.
Bugfixes 2.10 (https://code.google.com/p/lilypond/issues/list?can=1&q=fixed_2_10_29&colspec=ID+Type+Status+Priority+Milestone+Owner+Summary),
Bugfixes 2.11 (https://code.google.com/p/lilypond/issues/list?can=1&q=fixed_2_11_29&colspec=ID+Type+Status+Priority+Milestone+Owner+Summary),
[Alte Downloads], Seite 41.

### LilyPond 2.11.28 for FreeBSD x86_64. *August 10, 2007*

Release 2.11.28 is now available as a binary installer for FreeBSD x86_64. Download the installer (https://lilypond.org/downloads/binaries/freebsd-64/) and do *sh lilypond-2.11.28-1.freebsd-64.sh* in a command window.

### LilyPond 2.11.28 available - *July 25, 2007*

Release 2.11.28 has several updates to the manual and its translations, an plethora of bugfixes and a complete cleanup of the spacing engine code.
Bugfixes (https://code.google.com/p/lilypond/issues/list?can=1&q=fixed_2_11_28&colspec=ID+Type+Status+Priority+Milestone+Owner+Summary), [Alte Downloads], Seite 41.

### LilyPond 2.11.26 available - *June 8, 2007*

Release 2.11.26 supports page markers, e.g., for use in tables-of-contents. In addition, it fixes a number of bugs. Enjoy!
Bugfixes (https://code.google.com/p/lilypond/issues/list?can=1&q=fixed_2_11_26&colspec=ID+Type+Status+Priority+Milestone+Owner+Summary), [Alte Downloads], Seite 41.

### LilyPond 2.10.25 and 2.11.25 available - *May 20, 2007*

Release 2.11.25 has support for toplevel page breaking commands, and page breaking as a whole has been sped up significantly. Enjoy!
Bugfixes 2.10 (https://code.google.com/p/lilypond/issues/list?can=1&q=fixed_2_10_25&colspec=ID+Type+Status+Priority+Milestone+Owner+Summary),
Bugfixes 2.11 (https://code.google.com/p/lilypond/issues/list?can=1&q=fixed_2_11_25&colspec=ID+Type+Status+Priority+Milestone+Owner+Summary),
[Alte Downloads], Seite 41.

### LilyPond 2.10.23 and 2.11.23 available - *May 1, 2007*

This has lots of bugfixes.
Bugfixes 2.10 (https://code.google.com/p/lilypond/issues/list?can=1&q=fixed_2_10_23&colspec=ID+Type+Status+Priority+Milestone+Owner+Summary),

Bugfixes 2.11 (https://code.google.com/p/lilypond/issues/list?can=1&q=fixed_2_11_23&colspec=ID+Type+Status+Priority+Milestone+Owner+Summary), [Alte Downloads], Seite 41.

### Übersetzung der Dokumentation - *10. April 2007*

Die Kapitel 1-5 (der Abschnitt für Anfänger) des LilyPond-Benutzerhandbuchs sind auf deutsch übersetzt — sie sind erhältlich für die [Änderungen], Seite 55, online und [Alte Downloads], Seite 41.

### LilyPond 2.11.22 available - *April 10, 2007*

This release has updates of the dot collision code.
Bugfixes (https://code.google.com/p/lilypond/issues/list?can=1&q=fixed_2_11_22&colspec=ID+Type+Status+Priority+Milestone+Owner+Summary), [Änderungen], Seite 55, [Alte Downloads], Seite 41.

### LilyPond 2.11.21 available - *March 24, 2007*

This release has some documentation updates.
Bugfixes (https://code.google.com/p/lilypond/issues/list?can=1&q=fixed_2_11_21&colspec=ID+Type+Status+Priority+Milestone+Owner+Summary), [Änderungen], Seite 55, [Alte Downloads], Seite 41.

### Traduction de la documentation en français - *25 février 2007*

Les chapitres 1 à 4 et 6 du manuel de l'utilisateur sont désormais traduits, et disponibles en ligne — version 2.10 (https://lilypond.org/doc/v2.10/Documentation/user/lilypond/index.fr.html), version 2.11 (https://lilypond.org/doc/v2.11/Documentation/user/lilypond/index.fr.html). Les traductions sont également incluses dans la documentation téléchargeable (install).

### LilyPond 2.10.20 and 2.11.20 available - *February 25, 2007*

This release fixes many bugs.
Bugfixes 2.10 (https://code.google.com/p/lilypond/issues/list?can=1&q=fixed_2_10_20&colspec=ID+Type+Status+Priority+Milestone+Owner+Summary),
Bugfixes 2.11 (https://code.google.com/p/lilypond/issues/list?can=1&q=fixed_2_11_20&colspec=ID+Type+Status+Priority+Milestone+Owner+Summary), [Änderungen], Seite 55, [Alte Downloads], Seite 41.

### LilyPond 2.10.19 and 2.11.19 available - *February 18, 2007*

This release fixes many bugs.
Bugfixes 2.10 (https://code.google.com/p/lilypond/issues/list?can=1&q=fixed_2_10_19&colspec=ID+Type+Status+Priority+Milestone+Owner+Summary),
Bugfixes 2.11 (https://code.google.com/p/lilypond/issues/list?can=1&q=fixed_2_11_19&colspec=ID+Type+Status+Priority+Milestone+Owner+Summary), [Änderungen], Seite 55, [Alte Downloads], Seite 41.

### LilyPond 2.11.18 available - *February 12, 2007*

This release fixes still more bugs, and included singing support through festival contributed by Milan Zamazal.
Bugfixes (https://code.google.com/p/lilypond/issues/list?can=1&q=fixed_2_11_18&colspec=ID+Type+Status+Priority+Milestone+Owner+Summary), [Änderungen], Seite 55, [Alte Downloads], Seite 41.

### LilyPond 2.11.17 available - *February 9, 2007*

This release fixes still more bugs.
Bugfixes (https://code.google.com/p/lilypond/issues/list?can=1&q=fixed_2_11_17&colspec=ID+Type+Status+Priority+Milestone+Owner+Summary), [Änderungen], Seite 55, [Alte Downloads], Seite 41.

### LilyPond 2.10.16 and 2.11.16 available - *February 4, 2007*

This release fixes many bugs. (Bugfixes 2.10 (https://code.google.com/p/lilypond/issues/list?can=1&q=fixed_2_10_16&colspec=ID+Type+Status+Priority+Milestone+Owner+Summary), Bugfixes 2.11 (https://code.google.com/p/lilypond/issues/list?can=1&q=fixed_2_11_16&colspec=ID+Type+Status+Priority+Milestone+Owner+Summary), [Änderungen], Seite 55, [Alte Downloads], Seite 41)

### LilyPond 2.10.15 and 2.11.15 available - *February 1, 2007*

This release will stretch piano staves on a system-by-system basis and add a few glyphs: a black harmonic note head and the slashed mirrored flat.
Bugfixes 2.10 (https://code.google.com/p/lilypond/issues/list?can=1&q=fixed_2_10_15&colspec=ID+Type+Status+Priority+Milestone+Owner+Summary),
Bugfixes 2.11 (https://code.google.com/p/lilypond/issues/list?can=1&q=fixed_2_11_15&colspec=ID+Type+Status+Priority+Milestone+Owner+Summary),
[Änderungen], Seite 55, [Alte Downloads], Seite 41.

### LilyPond 2.10.14 and 2.11.14 available - *January 26, 2007*

This release has a rewrite of the line-spanner code, responsible for among other glissandi and text-crescendos, making them more flexible.
Bugfixes (https://code.google.com/p/lilypond/issues/list?can=1&q=fixed_2_11_14&colspec=ID+Type+Status+Priority+Milestone+Owner+Summary), [Änderungen], Seite 55, [Alte Downloads], Seite 41,

### LilyPond 2.10.13 and 2.11.13 available - *January 17, 2007*

This release fixes a few minor but irritating bugs. In addition, the 2.11 release has updates of the tutorial.
Bugfixes (https://code.google.com/p/lilypond/issues/list?can=1&q=fixed_2_11_13&colspec=ID+Type+Status+Priority+Milestone+Owner+Summary), [Änderungen], Seite 55, [Alte Downloads], Seite 41.

### LilyPond 2.11.12 available - *January 17, 2007*

This release fixes lots of bugs. In particular, the tie formatting has been further improved, and memory usage has been improved enormously.
Bugfixes (https://code.google.com/p/lilypond/issues/list?can=1&q=fixed_2_11_12&colspec=ID+Type+Status+Priority+Milestone+Owner+Summary), [Änderungen], Seite 55, [Alte Downloads], Seite 41.

### LilyPond 2.10.12 available - *January 17, 2007*

This release mirrors 2.11.12. Notably, it has the same memory usage improvements.
Bugfixes (https://code.google.com/p/lilypond/issues/list?can=1&q=fixed_2_10_12&colspec=ID+Type+Status+Priority+Milestone+Owner+Summary), [Änderungen], Seite 55, [Alte Downloads], Seite 41.

### LilyPond 2.10.11 available - *January 12, 2007*

This release mostly has the same fixes as 2.11.11.
Bugfixes (https://code.google.com/p/lilypond/issues/list?can=1&q=fixed_2_10_11&colspec=ID+Type+Status+Priority+Milestone+Owner+Summary), [Änderungen], Seite 55, [Alte Downloads], Seite 41.

### LilyPond 2.11.11 available - *January 11, 2007*

This release has further fixes for popular bugs. Timing of the MIDI output won't get confused by tuplets and grace notes anymore. Some fat has also been trimmed of the skyline code performance.
Bugfixes (https://code.google.com/p/lilypond/issues/list?can=1&q=fixed_2_11_11&colspec=ID+Type+Status+Priority+Milestone+Owner+Summary), [Änderungen], Seite 55, [Alte Downloads], Seite 41.

### LilyPond 2.11.10 available - *January 8, 2007*

LilyPond 2.11.10 has further review of the test-suite, performance and code coverage. This brought to light several problems that were fixed. Notably, 2.11.10 fixes lots of regressions in optical correction spacing and MIDI dynamics. Also, this version is 20 to 50 % faster than previous 2.11 releases.
Bugfixes (https://code.google.com/p/lilypond/issues/list?can=1&q=fixed_2_11_10&colspec=ID+Type+Status+Priority+Milestone+Owner+Summary), [Änderungen], Seite 55, [Alte Downloads], Seite 41.

### LilyPond 2.10.10 available - *January 8, 2007*

This release fixes several popular bugs, among others: MIDI files that go silent after (de)crescendi, and tuplets problems with quoting and part-combining.
Bugfixes (https://code.google.com/p/lilypond/issues/list?can=1&q=fixed_2_10_10&colspec=ID+Type+Status+Priority+Milestone+Owner+Summary), [Änderungen], Seite 55, [Alte Downloads], Seite 41.

### LilyPond 2.11.9 and 2.10.9 available - *January 3, 2007*

This release has a couple of bugfixes, and —in 2.11.9— further improvements in the regression test suite
Bugfixes (https://code.google.com/p/lilypond/issues/list?can=1&q=fixed_2_11_9&colspec=ID+Type+Status+Priority+Milestone+Owner+Summary), [Änderungen], Seite 55, [Alte Downloads], Seite 41.

### LilyPond 2.11.8 and 2.10.8 available - *January 3, 2007*

New! Improved! With even more bugfixes!
Bugfixes (https://code.google.com/p/lilypond/issues/list?can=1&q=fixed_2_11_8&colspec=ID+Type+Status+Priority+Milestone+Owner+Summary), [Änderungen], Seite 55, [Alte Downloads], Seite 41.

### `lilypond.org` auf deutsch - *31. Dezember 2006*

Die LilyPond-Webseiten sind jetzt auch auf deutsch übersetzt!

### `lilypond.org` en español - *December 29, 2006*

¡Ya está disponible la versión en español del sitio web de LilyPond!

### LilyPond 2.11.7 and 2.10.7 available - *January 1, 2007*

New! Improved! With even more bugfixes!
Bugfixes (https://code.google.com/p/lilypond/issues/list?can=1&q=fixed_2_11_7&colspec=ID+Type+Status+Priority+Milestone+Owner+Summary), [Änderungen], Seite 55, [Alte Downloads], Seite 41.

### LilyPond 2.11.6 available - *December 30, 2006*

This release supports arbitrary fractional alterations, allowing music with different microtonal conventions to be typeset.
Bugfixes (https://code.google.com/p/lilypond/issues/list?can=1&q=fixed_2_11_6&colspec=ID+Type+Status+Priority+Milestone+Owner+Summary), [Änderungen], Seite 55, [Alte Downloads], Seite 41.

### LilyPond 2.10.6 available - *December 30, 2006*

New! Improved! With even more bugfixes!
Bugfixes (https://code.google.com/p/lilypond/issues/list?can=1&q=fixed_2_10_6&colspec=ID+Type+Status+Priority+Milestone+Owner+Summary), [Änderungen], Seite 55, [Alte Downloads], Seite 41.

### LilyPond 2.11.5 available - *December 24, 2006*

These releases complete the translation infrastructure for Documentation.
Bugfixes (https://code.google.com/p/lilypond/issues/list?can=1&q=fixed_2_11_5&colspec=ID+Type+Status+Priority+Milestone+Owner+Summary), [Änderungen], Seite 55, [Alte Downloads], Seite 41.

### LilyPond 2.10.5 available - *December 24, 2006*

New! Improved! With even more bugfixes!
Bugfixes (https://code.google.com/p/lilypond/issues/list?can=1&q=fixed_2_10_5&colspec=ID+Type+Status+Priority+Milestone+Owner+Summary), [Änderungen], Seite 55, [Alte Downloads], Seite 41.

### LilyPond 2.11.4 available - *December 21, 2006*

The vertical spacing improvements that were introduced in 2.11.0 now work within a system as well as between systems.
Bugfixes (https://code.google.com/p/lilypond/issues/list?can=1&q=fixed_2_11_4&colspec=ID+Type+Status+Priority+Milestone+Owner+Summary), [Änderungen], Seite 55, [Alte Downloads], Seite 41.

### LilyPond 2.11.3 available - *December 19, 2006*

This release has graphical test results (https://lilypond.org/doc/v2.11/compare-v2.10.3/index.html) and several website build improvements.
Bugfixes (https://code.google.com/p/lilypond/issues/list?can=1&q=fixed_2_11_3&colspec=ID+Type+Status+Priority+Milestone+Owner+Summary), [Änderungen], Seite 55, [Alte Downloads], Seite 41.

### LilyPond 2.10.3 available - *December 19, 2006*

This release fixes several bugs.
Bugfixes (https://code.google.com/p/lilypond/issues/list?can=1&q=fixed_2_10_3&colspec=ID+Type+Status+Priority+Milestone+Owner+Summary), [Alte Downloads], Seite 41.

### LinuxPPC binaries available! - *December 19, 2006*

From now on, our GUB binary builds include support for Linux/PPC. ([Alte Downloads], Seite 41)

### Traduction du tutoriel en français. *December 13, 2006*

Fruit du travail d'une équipe de traducteurs, le tutoriel en français est maintenant disponible en ligne. Version 2.10 (`https://lilypond.org/doc/v2.10/Documentation/user/lilypond/Tutorial.fr.html`), Version 2.11 (`https://lilypond.org/doc/v2.11/Documentation/user/lilypond/Tutorial.fr.html`).

### LilyPond 2.11.2 available - *December 12, 2006*

This release supports glissandi and harmonics in tablature.
Bugfixes (`https://code.google.com/p/lilypond/issues/list?can=1&q=fixed_2_11_2&colspec=ID+Type+Status+Priority+Milestone+Owner+Summary`), [Änderungen], Seite 55, [Alte Downloads], Seite 41.

### LilyPond 2.10.2 available - *December 12, 2006*

A new stable release of LilyPond is available.
Bugfixes (`https://code.google.com/p/lilypond/issues/list?can=1&q=fixed_2_10_2&colspec=ID+Type+Status+Priority+Milestone+Owner+Summary`), [Alte Downloads], Seite 41.

### LilyPond 2.11.1 available - *December 4, 2006*

This release has improved support for horizontal spacing.
Bugfixes (`https://code.google.com/p/lilypond/issues/list?can=1&q=fixed_2_11_1&colspec=ID+Type+Status+Priority+Milestone+Owner+Summary`), [Änderungen], Seite 55, [Alte Downloads], Seite 41.

### LilyPond 2.10.1 available - *December 3, 2006*

A new stable release of LilyPond is available.
Bugfixes (`https://code.google.com/p/lilypond/issues/list?can=1&q=fixed_2_10_1&colspec=ID+Type+Status+Priority+Milestone+Owner+Summary`), [Alte Downloads], Seite 41.

### LilyPond 2.11.0 available - *November 27, 2006*

This release has improved support for vertical spacing. ([Änderungen], Seite 55, [Alte Downloads], Seite 41)

### LilyPond 2.10.0 available - *November 11, 2006*

A new stable release of LilyPond is available. (Announcement (`https://lilypond.org/misc/announce-v2.10`), [Änderungen], Seite 55, [Alte Downloads], Seite 41)

### GIT repository online - *November 11, 2006*

LilyPond development has moved over its source code to GIT (`http://git.or.cz`), the fast version control system. Check out our repository at gnu.org (`https://git.sv.gnu.org/gitweb/?p=lilypond.git;a=summary`).

### LilyPond 2.9.29 available - *November 5, 2006*

This release has many more bugfixes.
Bugfixes (`https://code.google.com/p/lilypond/issues/list?can=1&q=fixed_2_9_29&colspec=ID+Type+Status+Priority+Milestone+Owner+Summary`), [Alte Downloads], Seite 41.

### LilyPond 2.9.28 available - *November 3, 2006*

This release has many more bugfixes.
Bugfixes (`https://code.google.com/p/lilypond/issues/list?can=1&q=fixed_2_9_28&colspec=ID+Type+Status+Priority+Milestone+Owner+Summary`), [Alte Downloads], Seite 41.

### LilyPond 2.9.27 available - *October 28, 2006*

This release has a new `FretBoards` context, and some further bugfixes.
Bugfixes (`https://code.google.com/p/lilypond/issues/list?can=1&q=fixed_2_9_27&colspec=ID+Type+Status+Priority+Milestone+Owner+Summary`), [Änderungen], Seite 55, [Alte Downloads], Seite 41.

### Music streams thesis available - *October 21, 2006*

The last months, Erik Sandberg has been overhauling the internals of Lily. This change introduces a new intermediate format, Music Streams, which will make it easier get music data out of LilyPond. A copy of the thesis is now available from lilypond.org ([Veröffentlichungen], Seite 78).

### LilyPond 2.9.26 available - *October 20, 2006*

This release has further bugfixes.
Bugfixes (`https://code.google.com/p/lilypond/issues/list?can=1&q=fixed_2_9_26&colspec=ID+Type+Status+Priority+Milestone+Owner+Summary`), [Alte Downloads], Seite 41.

### LilyPond 2.9.25 available - *October 18, 2006*

This release has more bugfixes; from now on, binaries are also available for x86/64.
Bugfixes (`https://code.google.com/p/lilypond/issues/list?can=1&q=fixed_2_9_25&colspec=ID+Type+Status+Priority+Milestone+Owner+Summary`), [Alte Downloads], Seite 41.

### LilyPond 2.9.24 available - *October 15, 2006*

This release has support for right hand guitar fingerings, and offers some bugfixes. ([Änderungen], Seite 55, Bugfixes (`https://code.google.com/p/lilypond/issues/list?can=1&q=fixed2924&colspec=ID+Type+Status+Priority+Milestone+Owner+Summary`), [Alte Downloads], Seite 41)

### LilyPond 2.9.23 available - *October 12, 2006*

This release cuts fragments of EPS directly from your finished score, and makes it easier to insert ties into lyrics. ([Änderungen], Seite 55, [Alte Downloads], Seite 41)

### LilyPond 2.9.22 available - *October 9, 2006*

Test this release candidate for LilyPond 2.10! ([Alte Downloads], Seite 41)

### LilyPond 2.9.21 available - *October 4, 2006*

Test this release candidate for LilyPond 2.10! ([Alte Downloads], Seite 41)

### LilyPond 2.9.20 available - *October 3, 2006*

Test this release candidate for LilyPond 2.10! ([Alte Downloads], Seite 41)

### LilyPond 2.9.17 available - *September 2, 2006*

This release fixes many bugs. Among others, MacOS X QuickTime now honors tempo changes are in the MIDI output. ([Änderungen], Seite 55, [Alte Downloads], Seite 41)

### LilyPond 2.9.16 available - *August 25, 2006*

In this release, chords may be partially tied and lyric extenders have tunable padding. Moreover, many bugs were fixed ([Änderungen], Seite 55, [Alte Downloads], Seite 41)

### LilyPond 2.9.15 available - *August 20, 2006*

This releases fixes many bugs in the 2.9.14 release. ([Alte Downloads], Seite 41)

### LilyPond 2.8.6 available - *August 8, 2006*

This release contains a few minor bugfixes; the source tarball is also available. ([Alte Downloads], Seite 41)

### LilyPond 2.9.14 available - *August 4, 2006*

This release supports instrument name changes, dotted barlines and better spacing for floating grace notes. In addition, it contains ongoing work by Erik Sandberg to extend the interpretation phase with stream support. ([Änderungen], Seite 55, [Alte Downloads], Seite 41)

### LilyPond 2.9.13 available - *July 23, 2006*

This release supports doits and falls, and more tuning options for grace note spacing and tuplet brackets. ([Änderungen], Seite 55, [Alte Downloads], Seite 41)

### LilyPond 2.9.12 available - *July 18, 2006*

This release supports `pdftex` for `lilypond-book`, and uses pdfTEX for generating manuals, so page numbers and references are now clickable. ([Änderungen], Seite 55, [Alte Downloads], Seite 41)

### LilyPond 2.9.11 available - *July 12, 2006*

This release wraps improvements of the last two weeks. As a new feature, it supports tunable tuplet number formatting for nested tuplets. ([Änderungen], Seite 55, [Alte Downloads], Seite 41)

### LilyPond 2.9.10 available - *June 15, 2006*

This releases fixes a couple of bugs in 2.9.9. ([Änderungen], Seite 55, [Alte Downloads], Seite 41)

### LilyPond 2.9.9 available - *June 15, 2006*

This releases fixes many bugs in 2.9.8 and earlier. ([Änderungen], Seite 55, [Alte Downloads], Seite 41)

### LilyPond 2.9.8 available - *June 6, 2006*

2.9.8 has support for different spacing sections within a single score, and better infrastructure for automated regression testing. ([Änderungen], Seite 55, [Alte Downloads], Seite 41)

### LilyPond 2.8.4 available - *June 4, 2006*

2.8.4 fixes some minor bugs, and includes a backport of the infrastructure for automated regression testing. ([Alte Downloads], Seite 41)

### First test results available - *June 4, 2006*

After a week of frantic tweaking, the first automated testing results are available. You can now see in full glory (`https://lilypond.org/doc/v2.9/compare-v2.8.4/index.html`) what features are broken in the development release

### LilyPond 2.9.7 available - *May 30, 2006*

2.9.7 has improvements in the formatting for figured bass, and includes a new framework for detecting bugs earlier, which will make the development releases even better

### LilyPond 2.9.6 available - *May 24, 2006*

This release has new features in beam formatting: beams may now be put on single stems, and obey the `beatGrouping` property. MusicXML converter. ([Änderungen], Seite 55, [Alte Downloads], Seite 41)

### New essay pages! - *May 22, 2006*

The *Automated Engraving* essay has been updated with material from the FISL (`http://fisl.softwarelivre.org`) talk, with pages on modeling notation (`about/automated-engraving/problem-statement`) and algorithms for esthetics (`about/automated-engraving/scoring-esthetics`). Happy reading!

### LilyPond 2.9.5 available - *May 17, 2006*

This release supports object rotation, hairpins with circled tips, hairpins that run to barlines before notes and improvements in the MusicXML converter. ([Änderungen], Seite 55, [Alte Downloads], Seite 41)

### LilyPond 2.9.4 available - *May 12, 2006*

This release has support for feathered beaming, and note head styles in the markup `\note` command. In addition, it has a lot of updates of the manual and a clean up of the spring spacer. ([Änderungen], Seite 55, [Alte Downloads], Seite 41)

### LilyPond 2.8.2 available - *May 12, 2006*

This release has fixes for minor bugs and compilation issues. ([Alte Downloads], Seite 41)

### LilyPond 2.9.3 is out! - *May 7, 2006*

This new release has lots of updates of the manual, courtesy Graham and the contributors of the mailing. It handles formatting for ties in arpegiated chords better (feature sponsored by Steve Doonan), it has al niente hairpins, courtesy of Erlend Aasland, and some cleanups of the PostScript output, courtesy David Feuer. ([Änderungen], Seite 55, [Alte Downloads], Seite 41)

### FISL7.0 slides available - *April 22, 2006*

The slides for Han-Wen's talk at FISL 7 (`http://fisl.softwarelivre.org`) are now online. ([Veröffentlichungen], Seite 78)

### LilyPond 2.8.1 is out! - *April 3, 2006*

Important bugfixes include CJK font handling and a Darwin/x86 port. ([Änderungen], Seite 55, [Alte Downloads], Seite 41)

### LilyPond 2.9.1 is out! - *April 3, 2006*

It's mostly a bugfix release, and it's almoste the same as 2.8.1. This release mainly fixes problems with CJK font loading. ([Änderungen], Seite 55, [Alte Downloads], Seite 41)

### LilyPond on MacOS X/Intel - *March 31, 2006*

LilyPond now also runs on Intel based macs, offering a 400% speedup over the emulated PowerPC binaries. ([Alte Downloads], Seite 41)

### LilyPond 2.8.0 is out! - *March 22, 2006*

Version 2.8 is here! Read the release announcement (`https://lilypond.org/misc/announce-v2.8`). ([Änderungen], Seite 55, [Alte Downloads], Seite 41)

### LilyPond 2.7.39 is out - *March 17, 2006*

This release has even more bug fixes. Please test before 2.8 is released. ([Änderungen], Seite 55, [Alte Downloads], Seite 41)

### LilyPond 2.7.38 is out - *March 12, 2006*

This is likely to be the last release candidate before we release 2.8, so report any bugs that you might find. New attractions include: lilypond postscript files now work with GSView, cut & pasting lily code from PDF files should now work, and spacing fixes for multi-measure rests. ([Änderungen], Seite 55, [Alte Downloads], Seite 41)

### LilyPond 2.7.37 is out - *March 4, 2006*

This release has more bug fixes. Please help us by testing it! ([Änderungen], Seite 55, [Alte Downloads], Seite 41)

### LilyPond 2.7.36 is out - *February 24, 2006*

This is another release candidate for 2.8. It has lots of bug fixes and polishes to the documentation. It also contains support for creating ties that are only on their right side connected to note heads, which is handy for repeats (feature sponsored by Steve Doonan). The documentation suite can now be downloaded as a separate tarball from lilypond.org. ([Änderungen], Seite 55, [Alte Downloads], Seite 41)

### LilyPond 2.7.35 is out - *February 19, 2006*

This release has lots of bugs fixes. The plan is to release 2.8 at the end of this month, so bug reports are **very** welcome. By definition a bug is release critical if it wasn't present in version 2.6. ([Änderungen], Seite 55, [Alte Downloads], Seite 41)

### LilyPond 2.7.34 is out - *February 16, 2006*

This release has a bunch of bugfixes, and new features. Newly created contexts may also be named with `\new Voice = "alto"`. Thicknesses of tie and slurs may be tuned separately for the endings and the middle part. ([Änderungen], Seite 55, [Alte Downloads], Seite 41)

### LilyPond 2.7.33 is out - *February 10, 2006*

Items directly connected with a music input element may be parenthesized, for example,

```
{
  c4 -\parenthesize -.
  <d \parenthesize fis a>
}
```

This feature was sponsored by Ramana Kumar. ([Änderungen], Seite 55, [Alte Downloads], Seite 41)

### LilyPond 2.7.32 is out - *February 7, 2006*

This release contains some syntax changes: words inside the \paper and \layout block are henceforth written with dashes, for instance:

```
{
  \layout {
    ragged-right = ##t
```

```
  }
}
```

Furthermore, in this release, we have dropped some legacy code from our library. Now, lily uses standard C++ strings and the STL vector. ([Änderungen], Seite 55, [Alte Downloads], Seite 41)

### LilyPond 2.7.31 is out - *February 2, 2006*

This release fixes a load of bugs, and has some internal cleanups. Exported C++ members are now named ly:class-name::function-name in Scheme instead of Class_name::function_name. We are now using C++ vectors and strings instead of our own. The Linux/FreeBSD builds now include wrappers for Python scripts too, so you can run convert-ly and midi2ly. ([Änderungen], Seite 55, [Alte Downloads], Seite 41)

### LilyPond 2.7.30 is out - *January 30, 2006*

This release has a few bug fixes, like the solfa note head shape and collisions, the \epsfile command, and in getting No. ligature in normal words. ([Änderungen], Seite 55, [Alte Downloads], Seite 41)

### LilyPond 2.7.29 is out - *January 27, 2006*

This release has the following new features. Alignments of staves may be tuned per system (feature sponsored by Trevor Baca), individual systems may be positioned manually (feature sponsored by Trevor Baca and Nicolas Sceaux), a linebreaking configuration can now be saved as a '.ly' file automatically. This allows vertical alignments to be stretched to fit pages in a second formatting run (feature sponsored by Trevor Baca and Nicolas Sceaux). ([Änderungen], Seite 55, [Alte Downloads], Seite 41)

### LilyPond 2.7.28 is out - *January 22, 2006*

This release contains numerous small fixes that were already in our GUB binaries. In addition, it has further polish for formatting of tied chords. Theses improvements were sponsored by Steve Doonan. ([Änderungen], Seite 55, [Alte Downloads], Seite 41)

### LilyPond 2.7.27, release 4 - *January 13, 2006*

The fourth release of our Grand Unified Binary for 2.7.27 is available. This release uses Pango 1.11.1, which has support for ligatures and kerning. Enjoy! ([Alte Downloads], Seite 41)

### LilyPond 2.7.27, release 3 - *January 12, 2006*

The third release of our Grand Unified Binaries is available. This release fixes external font-support, the decompression flag for Linux. Also, we have support for **FreeBSD** as well! Jump to the [Alte Downloads], Seite 41, get them!

### LilyPond 2.7.27 binaries are out - *January 7, 2006*

Starting with 2.7.26, the development team has been working on the installers. We're proud to announce another version of these: they are now available for Linux/x86 (`https://lilypond.org/downloads/binaries/linux-x86/`), MacOS X (`https://lilypond.org/downloads/binaries/darwin-ppc/`) and Windows (`https://lilypond.org/downloads/binaries/mingw/`).

### LilyPond 2.7.27 is out - *January 7, 2006*

This release allows you to switch staff lines on and off individually (feature sponsored by Andrea Valle). ([Änderungen], Seite 55, [Alte Downloads], Seite 41)

### Linux Journal article - *January 2006*

Linux Journal publishes an article on *Make Stunning Schenker Graphs with GNU LilyPond* (`https://www.linuxjournal.com/article/8364`). It is a in-depth but hands-on feature article with crisp LilyPond graphics.
Author Kris Shaffer remarks „GNU LilyPond generates beautiful graphics that make commercial alternatives seem second-rate.“ This article is now available on-line (`https://www.linuxjournal.com/article/8583`).

### New binaries for LilyPond 2.7.26 - *January 4, 2006*

The Development team has been working around the clock to improve to fix the first wave bugs reported by you. The new results for MacOS and Windows are up on the [Alte Downloads], Seite 41, page. Let us know how you fare!

### LilyPond 2.7.26 is out - *December 31, 2005*

This release has an improvement in the MusicXML importer (feature sponsored by Mark vd Borre's Music Academy): now, staves and voices are also setup, so you can readily run LilyPond on the .ly output. The important occasion for this release is our new build environment: we have completely revamped it, which means that binaries for all platforms (including MacOS, Windows, Linux/x86, but probably FreeBSD too) will be more quickly available for download. A happy 2006 from the LilyPond Development Team! ([Änderungen], Seite 55, [Alte Downloads], Seite 41)

### LilyPond 2.7.25 is out - *December 24, 2005*

This release has various bugfixes. Also, stems on the center line now have their directions interpolated to minimize the number of direction changes (feature sponsored by Basil Crow and Mike Rolish). ([Änderungen], Seite 55, [Alte Downloads], Seite 41)

### LilyPond 2.7.24 is out - *December 20, 2005*

This release fixes a couple of bugs, but more importantly, slurs now avoid TupletNumbers, and tuplet numbers may enter the staff (feature sponsored by Trent Johnston), tuplet brackets and numbers are implemented as separate grobs, TupletBracket and TupletNumber (rewrite sponsored by Trent Johnston), string arguments for music functions may be specified without # marks. This allows syntactical constructs (like \clef and \bar) to be expressed in generic music functions. ([Änderungen], Seite 55, [Alte Downloads], Seite 41)

### LilyPond 2.7.23 is out - *December 19, 2005*

This release has the following new features:

- Ties in chords are also formatted using score based formatting. This reduces the number of collisions for ties in chords (feature sponsored by Steve Doonan).
- With the \tweak music function, layout objects that are directly connected to input may be tuned easily (feature sponsored by Sean Reed and Bertalan Fodor).
- Generic music functions may now also be used on articulations and chord elements (feature sponsored by Sean Reed and Bertalan Fodor).
- Better support for MusicXML, more options for spacing Lyrics; it is now possible to separately specify minimum distances for normal and hyphenated syllables (features sponsored by Mark van den Borre and Bertalan Fodor.

([Änderungen], Seite 55, [Alte Downloads], Seite 41)

### LilyPond 2.7.22 is out - *December 9, 2005*

This release has better support for MusicXML: it also supports ties, beams and editorial accidentals. It also has more options for spacing Lyrics; it is now possible to separately specify

minimum distances for normal and hyphenated syllables. These features were sponsored by Mark van den Borre and Bertalan Fodor. ([Änderungen], Seite 55, [Alte Downloads], Seite 41)

### LilyPond 2.7.21 is out - *December 5, 2005*

Saint Nicholas brings you ... a MusicXML (`http://www.musicxml.org/`) convertor for LilyPond! The convertor is basic, but working. Check out the LilyPond Software Design (`http://www.lilypond-design.com/sponsor/open-features.html#inputfilter`) pages for MusicXML features that can be sponsored.

### LilyPond 2.7.20 is out - *December 2, 2005*

This release contains the following improvements: Texts set in a TrueType font are now kerned. Using the TeX no longer requires linking or dynamically opening the kpathsea library, making the backend more easily usable on various systems (feature sponsored by Christian Ebert of Black Trash Productions). ([Änderungen], Seite 55, [Alte Downloads], Seite 41)

### LilyPond 2.6.5 is out - *December 1, 2005*

This release updates the bugreporting address and reorganizes the documentation tree. ([Alte Downloads], Seite 41)

### LilyPond 2.7.19 is out - *November 26, 2005*

This version contains a few bugfixes, and now allows the type of brackets in system start bracket hierarchies to be specified. Also, the horizontal alignment of rehearsal marks may be changed: marks can be put on key signatures, clefs, time signatures, etc. ([Änderungen], Seite 55, [Alte Downloads], Seite 41)

### LilyPond 2.7.18 is out - *November 21, 2005*

This version features nestable system start delimiters, like bracket, brace. It also adds "square" line bracket (feature sponsored by Trevor Baca). It also has refactored routines for tie formatting. This will make it easier to get better tie formatting for chords (feature sponsored by Steve Doonan). It also has a few bug fixes. ([Änderungen], Seite 55, [Alte Downloads], Seite 41)

### LilyPond 2.7.17 is out - *November 17, 2005*

This version has refactored routines for tie formatting. This will make it easier to get better tie formatting for chords (feature sponsored by Steve Doonan). It also has a few bug fixes. ([Änderungen], Seite 55, [Alte Downloads], Seite 41)

### LilyPond 2.7.16 is out - *November 11, 2005*

This release fixes a large number of bugs. Please upgrade before reporting bugs in the 2.7 series. ([Änderungen], Seite 55, [Alte Downloads], Seite 41)

### LilyPond 2.7.15 is out - *November 3, 2005*

This release has another massive cleanup of the backend. Each grob property may also be a "grob closure". This means that it is possible to combine functions. Calculation of extent and offset of grob is now controlled via the ‘X-extent’, ‘Y-extent’, ‘X-offset’ and ‘Y-offset’ properties. ([Änderungen], Seite 55, [Alte Downloads], Seite 41)

### LilyPond 2.7.14 is out - *October 23, 2005*

This release has more cleanup in the layout-engine. Now, properties that have Procedure values are thought to be procedures that compute said property, i.e.

```
\override Beam #'direction = #(lambda (grob)
(if (> (random 10) 5) UP DOWN))
```

will set a random direction for beams. ([Änderungen], Seite 55, [Alte Downloads], Seite 41)

### LilyPond 2.7.13 is out - *October 18, 2005*

This release features slashed numerals, plus signs and interruptible extender lines for figured bass. Merging of Figured bass lines has been made switchable with the figuredBassCenterContinuations property. For each grob, a subproperty in 'callbacks' property defines the procedure which computes it. This is major internal cleanup, which also provides advanced tweakability for power users. ([Änderungen], Seite 55, [Alte Downloads], Seite 41)

### LilyPond 2.6.4 is out - *October 11, 2005*

This release fixes a few minor problems with the stable series. ([Änderungen], Seite 55, [Alte Downloads], Seite 41)

### LilyPond 2.7.12 is out - *October 07, 2005*

It features more annotations for the page layout engine and some more sponsored features. Beamlets may stick out of the side of beams (feature sponsored by Trevor Baca); new support for figured bass with support for continuation lines and tuning of figures, brackets, and alignments (feature sponsored by Trent Johnston); vertical alignments of staves can now be tuned easily for individual systems (feature sponsored by Nicolas Sceaux). ([Änderungen], Seite 55, [Alte Downloads], Seite 41)

### LilyPond 2.7.11 is out - *October 02, 2005*

Vertical spacing for page layout can now be tuned for each system individually (feature sponsored by Trevor Baca and Nicolas Sceaux). The slope of a stem-tremolo may be set manually (feature sponsored by Sven Axelsson). There are a number of cleanups in the handling and representation of systems, among other features and bug fixes. ([Änderungen], Seite 55, [Alte Downloads], Seite 41)

### LilyPond 2.7.10 is out - *September 13, 2005*

This version adds proper support for "laissez vibrer ties", just enter \laissezVibrer after a chord. This feature was sponsored by Henrik Frisk. It also has a couple of minor bugfixes. ([Änderungen], Seite 55, [Alte Downloads], Seite 41)

### LilyPond 2.7.9 is out - *September 5, 2005*

This is mainly a bugfix release. ([Änderungen], Seite 55, [Alte Downloads], Seite 41)

### Traduction française du site - *September 03, 2005*

Grâce à l'équipe des traducteurs (`about/thanks#website`), de nombreuses pages du site sont maintenant disponibles en français, notamment l'essai sur la gravure musicale (`about/automated-engraving/index.fr.html`).

### LilyPond 2.7.8 is out - *August 29, 2005*

This release has support for right-to-left text formatting in markup commands (sponsored by Aaron Mehl). In addition, it fixes a great number of bugs, among others, support for writing MIDI files. ([Änderungen], Seite 55, [Alte Downloads], Seite 41)

### Article in 'De Standaard' - *August 20, 2005*

The Belgian newspaper *De Standaard* investigates what drives Free Software authors in an article titled *Delen van KENNIS zonder WINSTBEJAG* (Non-profit sharing of knowledge) using LilyPond as an example. This marks LilyPond's first appearance in mainstream printed press.

### LilyPond 2.7.7 is out - *August 22, 2005*

This release has a rewriting of tie formatting which was sponsored by Bertalan Fodor, Jay Hamilton, Kieren MacMillan, Steve Doonan, Trevor Baca, and Vicente Solsona Dellá. ([Änderungen], Seite 55, [Alte Downloads], Seite 41)

### LilyPond 2.7.6 is out - *August 19, 2005*

This release adds support for numbered percent repeats, a feature sponsored by Yoshinobu Ishizaki. It also has bugfixes for clashes between slurs and symbols, like fingers dynamic signs. ([Änderungen], Seite 55, [Alte Downloads], Seite 41)

### LilyPond 2.7.5 is out - *August 16, 2005*

Lily 2.7.5 has a large number of bugfixes, among others, in slur formatting, spacing, rest collisions and tuplet bracket formatting. ([Änderungen], Seite 55, [Alte Downloads], Seite 41)

### LilyPond 2.7.4 is out - *August 7, 2005*

LilyPond 2.7.4 has support for proportional notation, where the space for a note is proportional to the time it takes. ([Änderungen], Seite 55, [Alte Downloads], Seite 41)

### LilyPond 2.6.3 is out - *August 4, 2005*

This release fixes a memory corruption bug that was triggered by \override'ing Beam settings. ([Alte Downloads], Seite 41)

### LilyPond 2.6.2 is out - *August 2, 2005*

This release has a few bugfixes, among them: the autopackage will run in more platforms, LilyPond will be much quicker for large lilypond-book documents, and the up and down Fa note heads for shaped heads have been swapped. ([Änderungen], Seite 55, [Alte Downloads], Seite 41)

### LilyPond 2.7.3 is out - *July 25, 2005*

LilyPond 2.7.3 has improvements in performance which should result in faster operations (15 to 20 percent). It also contains the new "\displayLilyMusic" function. ([Änderungen], Seite 55, [Alte Downloads], Seite 41)

### LilyPond 2.7.2 is out - *July 21, 2005*

LilyPond 2.7.2 has support for suggested accidentals for musica ficta notation, easy entry for lyric melismata and improvements for quicker entry of scores. ([Änderungen], Seite 55, [Alte Downloads], Seite 41)

### LilyPond 2.6 released - *June 27, 2005*

Version 2.6 is the latest stable release of LilyPond. It now installs in a snap on Windows, MacOS X, and any version of Linux (x86). **Get up and running in minutes!** Pango text formatting lets you print **Unicode** lyrics in your favorite script and font. Create **SVG** files, and edit them in Inkscape. (Announcement (`https://lilypond.org/misc/announce-v2.6`), [Alte Downloads], Seite 41, [Änderungen], Seite 55)

### LilyPond 2.7.1 is out - *July 20, 2005*

LilyPond 2.7.1 has no user-visible changes. However, due to restructuring „under the hood“, this version will be 10 to 20 % faster. ([Alte Downloads], Seite 41)

### LilyPond 2.6.1 is out - *July 11, 2005*

This version fixes a few minor bugs found in 2.6.0, and also works on DOS-based Windows versions. ([Änderungen], Seite 55, [Alte Downloads], Seite 41)

### LilyPond 2.7 is out - *July 9, 2005*

LilyPond 2.7.0 is out. It has support for paragraph text and pitched trill notation. ([Änderungen], Seite 55, [Alte Downloads], Seite 41)

### 2.5.31 released - *June 22, 2005*

LilyPond 2.5.32 is now available for download (binaries for Fedora + MacOS only). It has a few very minor bugfixes, and a rewrite of the TTF embedding code, which should be a lot more robust now. ([Alte Downloads], Seite 41)

### Traduction du site de LilyPond - *15 juin 2005*

L'équipe des traducteurs (`about/thanks#website`) vous présente le site de LilyPond en français. Nous travaillons sur la traduction des pages encore non traduites. Bon surf !

### 2.5.31 for Windows and MacOS - *June 15, 2005*

2.5.31 is now available for both Windows and MacOS X. The Windows version should now work with embedding TTF fonts, and the MacOS X has better help functionality. ([Alte Downloads], Seite 41)

### 2.5.31 released - *June 15, 2005*

This release has a few bugfixes. In the MacOS X version, ClickEdit has been renamed to LilyPond, and you can now upgrade your files and compile them directly from LilyPond. ([Alte Downloads], Seite 41)

### 2.5.30 released - *June 10, 2005*

This is (hopefully) the last Release Candidate before 2.6. Give it a good shake to find those last bugs! ([Alte Downloads], Seite 41)

### 2.5.29 released - *June 7, 2005*

In this release the documentation also has pictures. In addition, the Mac version can also read native mac fonts (.dfonts and fonts in resource forks). ([Alte Downloads], Seite 41)

### 2.5.27 released - *May 31, 2005*

It has a big bunch of minor bugfixes. This is another release candidate for version 2.6, which should be released within the next 2 weeks. Please send a bug report if you find a critical problem with this release. ([Alte Downloads], Seite 41)

### Windows and MacOS installers available - *May 26, 2005*

There are now a native, standalone installers for Windows and MacOS. They also support PDF point & click. ([Alte Downloads], Seite 41)

### 2.5.26 released - *May 26, 2005*

This release has a couple of small bugfixes.

### 2.5.25 released - *May 20, 2005*

This release has many small bugfixes and updates to the documentation. ([Alte Downloads], Seite 41)

### 2.5.24 released - *May 12, 2005*

2.5.24 fixes a bunch of bugs; in particular, chord symbols (such as slashed o) should now work on all platforms. This release has a new feature: it is now possible to make staves appear in a different order from the order that they were defined. ([Alte Downloads], Seite 41)

### 2.5.23 released - *May 6, 2005*

This release has a couple of small bugfixes, and a new feature. It is now possible to start and stop the `StaffSymbol`, during a piece of music, by doing `\stopStaff \startStaff`. This can be used to produce Ossia staves. ([Änderungen], Seite 55, [Alte Downloads], Seite 41)

### 2.5.22 released - *May 3, 2005*

2.5.22 is a bugfix release. The most visible improvement is in the PDF : this release will produce smaller PDF files, with symbols that look better on screen. ([Alte Downloads], Seite 41)

### April 25, 2005 - 2.5.21 released!

2.5.21 has more bugfixes. It also has support for "grid lines", bar like vertical line, which are aligned with the notes. The auto-beam engraver was rewritten, so it also works with irregular time signatures like 5/8. ([Änderungen], Seite 55, [Alte Downloads], Seite 41)

### April 18, 2005

LilyPond 2.5.20 has lots of bugfixes, in particular, MIDI files of multi-movement pieces don't overwrite each other. Version 2.5.20 also supports putting arrows on lines, such as glissandi. More details are in the the [Änderungen], Seite 55, file, or go straight to [Alte Downloads], Seite 41.

### April 15, 2005

LilyPond 2.5.19 was released. The command '\epsfile' allows inclusion of EPS graphics into markup texts and the music function '\musicDisplay' will display a music expression as indented Scheme code. Take a look at the [Änderungen], Seite 55, file and [Alte Downloads], Seite 41.

### April 6, 2005

2.5.18 is a bugfix release. It has many small cleanups in the web-based documentation, and many small cleanups all over the place. [Alte Downloads], Seite 41,

### March 31, 2005

2.5.17 is out. This release features many small bugfixes. In addition, it has support for string number notation for guitar. This feature was sponsored by Gunther Strube. [Alte Downloads], Seite 41,

### March 20, 2005

LilyPond 2.5.16 is out. This release fixes a few minor but irritating errors. A Fedora Core 3 binary is also available. [Alte Downloads], Seite 41,

### March 14, 2005

LilyPond 2.5.15 is out. This release has clean ups in the SVG output, and now uses the LilyPond number font for time signatures. It is now possible to add text before and after music. This can be used to add verses after a music. Take a look at the [Änderungen], Seite 55, file and [Alte Downloads], Seite 41!

### March 7, 2005

LilyPond 2.5.14 is out. It is now possible (and in fact, encouraged), to build LilyPond either without the Kpathsea TeX library or with the Kpathsea dynamically loaded, but only for the -btex backend. This means that packages do not have to depend on TeX anymore. With this, the Windows download size will go down significantly. Take a look at the [Änderungen], Seite 55, file and download [Alte Downloads], Seite 41!

### March 7, 2005

LilyPond 2.4.5 is out. This release backports the tieWaitForNote feature and has support for tetex-3.0. [Alte Downloads], Seite 41,

### February 28, 2005

LilyPond 2.5.13 is available for Fedora Core 3. You need to install Ghostscript 8.15rc3. Unfortunately, this version of Ghostscript lacks the IJS dynamic library, which means that it will conflict with the gimp-print package. You may install it with –nodeps. Use at your own risk.

### February 28, 2005

LilyPond 2.5.13 is out. This release has Point and click support for PDF output. You can read more about it here (`https://lilypond.org/doc/v2.5/Documentation/user/out-www/lilypond/Point-and-click.html`). Take a look at the [Änderungen], Seite 55, file and download [Alte Downloads], Seite 41!

### February 26, 2005

The LilyPond Snippet Repository (LSR) (`https://lsr.di.unimi.it/`) is a searchable database of LilyPond code snippets. You can add snippets too, so join the LSR project, and contribute creative ideas for using LilyPond.

### February 21, 2005

LilyPond 2.5.12 is out. The big news is that this release supports TrueType fonts. This means that it is now possible to use **all** fonts available via FontConfig. Also, arpeggios may be written out using ties and individual objects may have colors! Take a look at the [Änderungen], Seite 55, file and [Alte Downloads], Seite 41!

### February 4, 2005

LilyPond 2.5.11 is out. In this release, foreign character sets are now supported in lilypond-book too, and it is possible to put system separators between systems. [Alte Downloads], Seite 41!

### January 31, 2005

LilyPond 2.5.10 is out. This release sports as new EPS backend, based on the PS backend. This backend is used in the new and improved lilypond-book script. [Alte Downloads], Seite 41,

### January 26, 2005

LilyPond 2.5.9 is out. This release fixes a couple of annoying bugs in the direct PS output for piano braces. [Alte Downloads], Seite 41,

### January 16, 2005

LilyPond 2.5.8 is out. This release has many internal code cleanups. In addition, accuracy of error reporting has been improved. See the change log (`https://git.savannah.gnu.org/cgit/lilypond.git/plain/ChangeLog?id=abfdd3c36946e4c341b0abb0f1c6bbdbc12883c1`) and [Alte Downloads], Seite 41!

### January 11, 2005

LilyPond 2.5.7 is out. This release has a completely usable Pango integration for the PS backend. The default font is Century Schoolbook from the PS font suite. It also has small updates to the tablature settings by Erlend Aasland, assorted manual updates by Graham, and an overhaul of the font code by Werner. [Alte Downloads], Seite 41, and check out the changes in the ChangeLog (`https://git.savannah.gnu.org/cgit/lilypond.git/plain/ChangeLog?id=abfdd3c36946e4c341b0abb0f1c6bbdbc12883c1`).

### January 02, 2005

LilyPond 2.5.6 was released. This is a "technology preview" release, which means that it has all kinds of nifty features, but is not actually usable for producing nicely printed scores. For this reason, an RPM of this release was not produced. The PS backend is now completely switched over to Pango/FontConfig: for -f ps, LilyPond only accepts UTF8 input, all text fonts are loaded through Pango, the TeX backend now offloads all metric computations to LaTeX, the SVG and GNOME backends are broken, most probably. [Alte Downloads], Seite 41, and check out the changes in the ChangeLog (`https://git.savannah.gnu.org/cgit/lilypond.git/plain/ChangeLog?id=abfdd3c36946e4c341b0abb0f1c6bbdbc12883c1`).

### December 28, 2004

LilyPond 2.5.5 is out. It is the first one to link against FontConfig and Pango, although it is only available in the "-f ps" output. The default output format has been changed back TeX while we stabilize the Pango/FontConfig integration. [Alte Downloads], Seite 41, and check out the changes in the ChangeLog (`https://git.savannah.gnu.org/cgit/lilypond.git/plain/ChangeLog?id=abfdd3c36946e4c341b0abb0f1c6bbdbc12883c1`).

### December 20, 2004

LilyPond 2.5.4 is out. This release has some major brainsurgery in the font handling. As of now, LilyPond loads the music fonts in OpenType font format using FreeType. This has made a lot of things simpler, including font handling for the GNOME backend and SVG backend. [Alte Downloads], Seite 41, and check out the changes in the ChangeLog (`https://git.savannah.gnu.org/cgit/lilypond.git/plain/ChangeLog?id=abfdd3c36946e4c341b0abb0f1c6bbdbc12883c1`).

### December 3, 2004

LilyPond 2.5.3 was released. A new script, '\espressivo' has been added, for a combination of crescendo and decrescendo on a single note. In markups, expressions stacked with '\column', '\center-align', etc, are not grouped with '< ... >' anymore, but with '{ ... }'. LilyPond will now avoid line breaks that cause long texts to stick outside of the page staff. Grace notes following a main note, used to be entered by letting the grace notes follow a skip in a parallel expression. [Alte Downloads], Seite 41, and check out the changes in the ChangeLog (`https://git.savannah.gnu.org/cgit/lilypond.git/plain/ChangeLog?id=abfdd3c36946e4c341b0abb0f1c6bbdbc12883c1`).

### November 26, 2004

LilyPond 2.5.2 was released. It has several goodies, including solfa-notation (shaped noteheads), and an easier mechanism for customizing title, footer and header layout. Don't forget to rebuild the fonts, as they have been changed to accomodate the solfa-notation. [Alte Downloads], Seite 41, and check out the changes in the ChangeLog (`https://git.savannah.gnu.org/cgit/lilypond.git/plain/ChangeLog?id=abfdd3c36946e4c341b0abb0f1c6bbdbc12883c1`).

### November 20, 2004

LilyPond 2.5.1 is out. This is an experimental release, containing some proof-of-concept code for our graphical layout editor. You can add and remove things from the file, and the tweaks

will still work, as long as the tweaked notes remain in the place (i.e., start at the same time-wise and be part of the same context). Further attractions are: the gnome backend now also draws beams and slurs, updates to the SVG backend, support for the lmodern font set for TeX, various bugfixes. [Alte Downloads], Seite 41, and check out the changes in the ChangeLog (`https://git.savannah.gnu.org/cgit/lilypond.git/plain/ChangeLog?id=abfdd3c36946e4c341b0abb0f1c6bbdbc12883c1`).

### November 12, 2004

The LilyPond development is OPEN once again! The first release of the 2.5 series has the following new Features: Positioning of slurs can now be adjusted manually, Grace notes are correctly quoted and formatted when using cue notes, Cue notes can now be created with

```
\cueDuring #VOICE-NAME #DIRECTION { MUSIC }
```

Stemlets (short stems over beamed rests) have been added. In addition, Jan hacked together some highly experimental code where you can use the mouse to drag and drop objects in the -f gnome backend. These tweaks can be saved and are applied to the PS and TeX output as well. [Alte Downloads], Seite 41, and check out the changes in the ChangeLog (`https://git.savannah.gnu.org/cgit/lilypond.git/plain/ChangeLog?id=abfdd3c36946e4c341b0abb0f1c6bbdbc12883c1`).

### November 11, 2004

LilyPond 2.4.2 is out. This release fixes a number of security problems with –safe, and adds a lot of polishing fixes. [Alte Downloads], Seite 41,

### November 4, 2004

LilyPond 2.4.1 is out. This release includes a number of small fixes that were made to 2.4.0 last week. [Alte Downloads], Seite 41, and check out the changes in the ChangeLog (`https://git.savannah.gnu.org/cgit/lilypond.git/plain/ChangeLog?id=abfdd3c36946e4c341b0abb0f1c6bbdbc12883c1`).

### October 31, 2004

LilyPond 2.4.0 was just released! (`https://lilypond.org/misc/announce-v2.4`) This new stable version has support for page-layout, completely rewritten slur formatting and many other improvements. Read about them in the [Änderungen], Seite 55, file. [Alte Downloads], Seite 41,

### October 29, 2004

LilyPond 2.3.26 is out. This is another 2.4 release candidate. This release fixes a number of minor bugs, and some problems with the conversion scripts. [Alte Downloads], Seite 41, and check out the changes in the ChangeLog (`https://git.savannah.gnu.org/cgit/lilypond.git/plain/ChangeLog?id=abfdd3c36946e4c341b0abb0f1c6bbdbc12883c1`).

### October 29, 2004

2.3.25 is the final release candidate for LilyPond 2.4. Werner has been overhauling the TeX macros and lilypond-book. In addition, this release contains an important fix for raggedbottom page-layout. [Alte Downloads], Seite 41, and check out the changes in the ChangeLog (`https://git.savannah.gnu.org/cgit/lilypond.git/plain/ChangeLog?id=abfdd3c36946e4c341b0abb0f1c6bbdbc12883c1`).

### October 27, 2004

LilyPond 2.3.24 is a further polished 2.4 release candidate. This release has more improvements by Werner for the TeX backend, and a bunch of other small fixes. [Alte Downloads], Seite 41, and check out the changes in the ChangeLog (`https://git.savannah.gnu.org/cgit/lilypond.git/plain/ChangeLog?id=abfdd3c36946e4c341b0abb0f1c6bbdbc12883c1`).

### October 24, 2004

LilyPond 2.3.23 has bugfixes in the documentation, lilypond-book and –preview output. This release can be considered as a release candidate for LilyPond 2.4. [Alte Downloads], Seite 41, and check out the changes in the ChangeLog (`https://git.savannah.gnu.org/cgit/lilypond.git/plain/ChangeLog?id=abfdd3c36946e4c341b0abb0f1c6bbdbc12883c1`).

### October 10, 2004

LilyPond 2.3.22 fixes a bunch more bugs, to make 2.4 a really stable release. In addition, it renames the \paper{} block to \layout{}. The \bookpaper{} block is now called \paper{}. [Alte Downloads], Seite 41, and check out the changes in the ChangeLog (`https://git.savannah.gnu.org/cgit/lilypond.git/plain/ChangeLog?id=abfdd3c36946e4c341b0abb0f1c6bbdbc12883c1`).

### October 09, 2004

LilyPond 2.3.21 is out. It is a serious release candidate for the next stable release LilyPond. This version has a cleanup and some small formatting improvements of the slur code. [Alte Downloads], Seite 41, and check out the changes in the ChangeLog (`https://git.savannah.gnu.org/cgit/lilypond.git/plain/ChangeLog?id=abfdd3c36946e4c341b0abb0f1c6bbdbc12883c1`).

### October 02, 2004

LilyPond 2.3.20 was released. It fixes the biggest problems with encoding and the TeX backend. As a result, latin1 characters (like the german SS) show up correctly in the output once again. Also it has the usual bugfixes and updates in the documentation. [Alte Downloads], Seite 41, and check out the changes in the ChangeLog (`https://git.savannah.gnu.org/cgit/lilypond.git/plain/ChangeLog?id=abfdd3c36946e4c341b0abb0f1c6bbdbc12883c1`).

### September 29, 2004

The LilyPond development team will be present at the Free Software Bazaar (`https://web.archive.org/web/20040811160307/http://www.nluug.nl/events/sane2004/bazaar/index.html`) of the NLUUG SANE 2004 conference today. If you are in the neighborhood, drop by for live contact with the Team or just a friendly chat. Registration is not required to attend.

### September 26, 2004

LilyPond 2.3.19 is out. It's mainly a bugfix release. [Alte Downloads], Seite 41, and check out the changes in the ChangeLog (`https://git.savannah.gnu.org/cgit/lilypond.git/plain/ChangeLog?id=abfdd3c36946e4c341b0abb0f1c6bbdbc12883c1`).

### September 20, 2004

LilyPond 2.3.18 was released. It has further improvements in the slur formatting, and a small syntax change: the mode changing commands ('\chords', '\lyrics', etc.) have been renamed to '\chordmode', '\lyricmode', etc. The command '\chords' is an abbreviation for \new ChordNames \chordmode ... '\drums', '\lyrics', '\chords', '\figures' function similarly. [Alte Downloads], Seite 41, and check out the changes in the ChangeLog (`https://git.savannah.gnu.org/cgit/lilypond.git/plain/ChangeLog?id=abfdd3c36946e4c341b0abb0f1c6bbdbc12883c1`).

### September 11, 2004

LilyPond 2.3.16 was released. It fixes a couple of annoying bugs, and has an important addition in the slur-formatter. Slurs that pass note heads much closer than the average distance get an extra penalty. This fixes a lot of difficult slurring cases. See input/regression/new-slur for some examples. Please consider this release as a 3.0 pre-release so try to find as many bugs as possible. A report including a small .ly example can be filed at bug-lilypond@gnu.org In this case, a bug is defined as something that the current 2.3 does worse than the latest 2.2 release. We want to be sure that no output will get uglier by upgrading to 3.0, so that once 3.0 is out, nothing will hold users back in switching. [Alte Downloads], Seite 41, and check out the changes in the ChangeLog (`https://git.savannah.gnu.org/cgit/lilypond.git/plain/ChangeLog?id=abfdd3c36946e4c341b0abb0f1c6bbdbc12883c1`).

### September 10, 2004

LilyPond 2.3.15 was released. It fixes for some gaffes with the new vertical spacing engine, has lots of documentation updates, and has support for landscape output in the direct postscript output. Also, the types of events quoted with '\quote' can now be tuned with 'quotedEventTypes'. By default, only notes and rests end up in quotes. [Alte Downloads], Seite 41, and check out the changes in the ChangeLog (`https://git.savannah.gnu.org/cgit/lilypond.git/plain/ChangeLog?id=abfdd3c36946e4c341b0abb0f1c6bbdbc12883c1`).

### September 6, 2004

LilyPond 2.3.14 was released and has exciting features! LilyPond will try to keep staves at the same distances across a page, but it will stretch distances to prevent collisions; key signature cancellations are now printed before the bar line; different voices that all use "\quote" can now refer to each other. [Alte Downloads], Seite 41, and check out the changes in the ChangeLog (`https://git.savannah.gnu.org/cgit/lilypond.git/plain/ChangeLog?id=abfdd3c36946e4c341b0abb0f1c6bbdbc12883c1`).

### August 29, 2004

LilyPond now has a Documentation Editor, Graham Percival. From now on, he will oversee that useful information flows from the mailiing list into the manual. Also, if there are unclear sections in the manual, let him know via one of the mailing lists. As a start of his career, he worked to transform the "Templates" section of the website into a readable and comprehensive chapter of the user manual. A lot of cheers for Graham!

### August 29, 2004

LilyPond 2.3.13 was released. The new slur code was improved, scripts can be made to avoid slurs, by setting inside-slur to #f. It is no longer necessary to instantiate "up" and "down" staves separately when using \autochange. Jurgen Reuter refreshed the logic around mensural flags, so they are adjusted for staff lines once again. [Alte Downloads], Seite 41, and check out the changes in the ChangeLog (`https://git.savannah.gnu.org/cgit/lilypond.git/plain/ChangeLog?id=abfdd3c36946e4c341b0abb0f1c6bbdbc12883c1`).

### August 24, 2004

LilyPond 2.2.6 fixes a few minor issues, among others, the disappearing metronome mark. [Alte Downloads], Seite 41, and check out the changes in the ChangeLog (`https://git.savannah.gnu.org/cgit/lilypond.git/plain/ChangeLog?id=abfdd3c36946e4c341b0abb0f1c6bbdbc12883c1`).

### August 23, 2004

LilyPond 2.3.12 is out. This release has a lot of fixes and a new feature: there is now support for putting two slurs on chords, both above and below. This is switched on with the 'doubleSlurs' property. [Alte Downloads], Seite 41, and check out the changes in the ChangeLog (`https://git.savannah.gnu.org/cgit/lilypond.git/plain/ChangeLog?id=abfdd3c36946e4c341b0abb0f1c6bbdbc12883c1`).

### August 3, 2004

LilyPond 2.3.11 is out. This release basically is 2.3.10 with a few annoying bugs fixed. [Alte Downloads], Seite 41, and check out the changes in the ChangeLog (`https://git.savannah.gnu.org/cgit/lilypond.git/plain/ChangeLog?id=abfdd3c36946e4c341b0abb0f1c6bbdbc12883c1`).

### August 1, 2004

LilyPond 2.3.10 is out. This release has a major clean-up of the input/test/ directory. Many examples have been moved to the regression test or manual, and the superfluous or outdated ones have been removed. The directory has gone from 146 examples to 72 examples. That means that we're halfway cleaning it out. Incidentally, the manual has gone from 200 to 220 pages. New features:

- Running trills now have their own spanner and event. They are started and stopped with \startTrillSpan and \stopTrillSpan
- There is a new markup command '\postscript' that takes a string that is dumped as verbatim PostScript

[Alte Downloads], Seite 41, and check out the changes in the ChangeLog (`https://git.savannah.gnu.org/cgit/lilypond.git/plain/ChangeLog?id=abfdd3c36946e4c341b0abb0f1c6bbdbc12883c1`).

### July 30, 2004

LilyPond 2.3.9 is out. The important change is that lilypond now once-again directly runs the binary. The old wrapper script has been renamed to lilypond-latex.py, and should only be used for legacy projects. The recommended route is either using lilypond directly (with \book, you can have multiple movements within one document), or to run lilypond-book with a LaTeX wrapper file. This release also fixes a bunch of small errors. I now consider LilyPond feature complete for a 3.0 release. Next on the TODO list is updating the manual, and after that's done we can release 3.0. The projected date for this to happen is in about a month. [Alte Downloads], Seite 41, and check out the changes in the ChangeLog (`https://git.savannah.gnu.org/cgit/lilypond.git/plain/ChangeLog?id=abfdd3c36946e4c341b0abb0f1c6bbdbc12883c1`).

### July 23, 2004

LilyPond 2.3.8 fixes a few minor bugs in the new slur code, and has rewritten support for ledger lines. Now, in tight situations, ledger lines will be shortened so they stay separate. This also required a cleanup of the Ambitus implementation. [Alte Downloads], Seite 41, and check out the changes in the ChangeLog (`https://git.savannah.gnu.org/cgit/lilypond.git/plain/ChangeLog?id=abfdd3c36946e4c341b0abb0f1c6bbdbc12883c1`).

### July 19, 2004

LilyPond 2.3.7 was released and has new exciting features! The slur formatting has been rewritten. The new slur code works similar to the Beam formatter: scores are assigned for all esthetic components of a slur. A large number of combinations for begin and end points is then tried out. Slurs will now also take into account collisions with staff lines, scripts (like staccato and accent) and accidentals. In the LilyPond emacs mode, the '|' will now display

the current beat within the measure. [Alte Downloads], Seite 41, and check out the changes in the ChangeLog (https://git.savannah.gnu.org/cgit/lilypond.git/plain/ChangeLog?id=abfdd3c36946e4c341b0abb0f1c6bbdbc12883c1).

### July 15, 2004

LilyPond 2.2.5 was released. It has a few bug fixes from 2.3.x. [Alte Downloads], Seite 41, and check out the changes in the ChangeLog (https://git.savannah.gnu.org/cgit/lilypond.git/plain/ChangeLog?id=abfdd3c36946e4c341b0abb0f1c6bbdbc12883c1).

### July 11, 2004

An introductory article on LilyPond appeared on Linux Journal (http://www.linuxjournal.com/article.php?sid=7657&mode=thread&order=0).

### July 5, 2004

LilyPond 2.3.6 was released. This release has more updates for the Fret diagram code (thanks, Carl!), fixes a bunch of bugs, including a serious one that trashed a lot of beam formatting, and was also present in the 2.2 series. [Alte Downloads], Seite 41, and check out the changes in the ChangeLog (https://git.savannah.gnu.org/cgit/lilypond.git/plain/ChangeLog?id=abfdd3c36946e4c341b0abb0f1c6bbdbc12883c1).

### July 5, 2004

LilyPond 2.2.4 was released. It is mainly a bug fix release. [Alte Downloads], Seite 41, and check out the changes in the ChangeLog (https://git.savannah.gnu.org/cgit/lilypond.git/plain/ChangeLog?id=abfdd3c36946e4c341b0abb0f1c6bbdbc12883c1).

### June 25, 2004

LilyPond 2.3.5 has numerous small bugfixes and cleanups, and features more work in the experimental GNOME output module. Adventurous hackers can check the instructions at scm/output-gnome.scm and try to run buildscripts/guile-gnome.sh to see what the fuss is all about. Carl Sorensen also provided us with more patches to the fret-diagram output. Check out the ChangeLog (https://git.savannah.gnu.org/cgit/lilypond.git/plain/ChangeLog?id=abfdd3c36946e4c341b0abb0f1c6bbdbc12883c1) and [Alte Downloads], Seite 41.

### June 20, 2004

LilyPond 2.2.3 has a turkish translation and fixes a few minor bugs that were reported over the past month. Check out the ChangeLog (https://git.savannah.gnu.org/cgit/lilypond.git/plain/ChangeLog?id=abfdd3c36946e4c341b0abb0f1c6bbdbc12883c1) for a full description and [Alte Downloads], Seite 41.

### June 13, 2004

LilyPond 2.3.4 further improves the output backends. As a result, manual page-breaks, multiple output formats and putting \score into markups now works. Check out the ChangeLog (https://git.savannah.gnu.org/cgit/lilypond.git/plain/ChangeLog?id=abfdd3c36946e4c341b0abb0f1c6bbdbc12883c1) and [Alte Downloads], Seite 41.

### May 31, 2004

LilyPond 2.3.3 has many internal changes relating to the output backend (PostScript) and page-layout. In addition, it contains a few bugfixes for recently reported problems. Check out the ChangeLog (https://git.savannah.gnu.org/cgit/lilypond.git/plain/ChangeLog?id=abfdd3c36946e4c341b0abb0f1c6bbdbc12883c1) and [Alte Downloads], Seite 41.

### May 31, 2004

LilyPond 2.2.2 is out. It has a number of small bugfixes, so upgrade if any of these errors concern you. Check out the ChangeLog (`https://git.savannah.gnu.org/cgit/lilypond.git/plain/ChangeLog?id=abfdd3c36946e4c341b0abb0f1c6bbdbc12883c1`) or head straight to the [Alte Downloads], Seite 41.

### May 26, 2004

LilyPond 2.3.2 is out. This release has a lot of internal changes relating to page layout, but also sports experimental fret-diagram code. Check out the [Änderungen], Seite 55, or head straight to the [Alte Downloads], Seite 41.

### May 9, 2004

LilyPond 2.3.1 is out. This release has many new and cool features. Check out the [Änderungen], Seite 55, or head straight to the [Alte Downloads], Seite 41.

### May 4, 2004

Help LilyPond get better, and join in on LilyPond development! This call for help (`devel/participating/call-for-help.html`) was posted on the mailing list a month ago, and we are still looking for a Release Meister, Code Janitor, Newsletter editor and a Writer for implementation Documentation. Of course, any other help is also welcome!

### May 3, 2004

LilyPond 2.2.1 has been released. It fixes a handful of bugs. [Alte Downloads], Seite 41.

### April 17, 2004

LilyPond 2.2.0 is now available on Windows, and should find its way to the Cygwin mirrors soon.

### April 12, 2004

LilyPond 2.3.0 is the first release in the 2.3 cycle. The focus for 2.3 is page layout, so instrumentalists can force parts to have page breaks at sane turning points. This release is *experimental*; expect things to break! More info in the [Änderungen], Seite 55. [Alte Downloads], Seite 41.

### April 8, 2004

A French article on the new LilyPond release appeared on linuxfr.org (`https://linuxfr.org/2004/04/08/15968.html`).

### April 8, 2004

Binaries for LilyPond 2.2.0 are available for MacOS X, Slackware, Mandrake and Debian Woody. [Alte Downloads], Seite 41,

### April 1, 2004

LilyPond 2.2.0 is out! This new stable version has completely revamped support for for orchestral score formatting, cue notes, font size management, lyric formatting, drum notation/playback and document integration. Read about it in the announcement (`https://lilypond.org/misc/announce-v2.2`) or skip to the [Alte Downloads], Seite 41.

### March 31, 2004

LilyPond 2.1.37 has build fixes for Cygwin and SUSE, bugfixes for part-combining and chord tremolos and even more documentation polish. This should be the final release candidate; expect only regression bugs to be fixed before 2.2. [Alte Downloads], Seite 41.

### March 30, 2004

LilyPond 2.1.36 has many fixes in the user manual. [Alte Downloads], Seite 41.

### March 28, 2004

LilyPond 2.1..35 fixes a slew of bugs, and has the `raggedlast` option, which causes paragraph like line breaking for scores. More info in the [Änderungen], Seite 55. [Alte Downloads], Seite 41,

### March 22, 2004

LilyPond 2.1.34 fixes minor bugs, and has more rewriting. [Alte Downloads], Seite 41.

### March 21, 2004

LilyPond 2.1.33 fixes a serious bug, and a few other irritations. [Alte Downloads], Seite 41,

### March 20, 2004

LilyPond 2.1.32 has more rewriting in the user manual. There is also an experimental implementation of optimal page breaking (Postscript backend only). [Alte Downloads], Seite 41.

### March 15, 2004

LilyPond 2.1.31 is out. It has fixes the alignment of bass figures and spurious dynamic warnings in MIDI. New attractions include rewritten font-selection routines. See the [Änderungen], Seite 55, and [Alte Downloads], Seite 41.

### March 14, 2004

The linuxmusician.com interview (`https://linuxmusician.com/index.php?option=articles&task=viewarticle&artid=10`) made the slashdot frontpage! (`http://slashdot.org/article.pl?sid=04/03/13/2054227&mode=thread&tid=141&tid=188`).

### March 11, 2004

linuxmusician.com (`https://linuxmusician.com`) is running an interview (`https://linuxmusician.com/index.php?option=articles&task=viewarticle&artid=10`) with Han-Wen Nienhuys and Jan Nieuwenhuizen, the main authors of LilyPond.

### March 11, 2004

LilyPond 2.1.30 has editorial fixes for the manual, and experimental support for page layout in the PostScript backend. See the [Änderungen], Seite 55, and [Alte Downloads], Seite 41.

### March 9, 2004

LilyPond 2.1.29 fixes a couple of MIDI bugs, and has experimental support for producing titles with `markup`.

### February 29, 2004

In LilyPond 2.1.28 Scheme property functions may be used argument to `set!`. In addition, parts of the manual have been proofread and corrected in this release. See the [Änderungen], Seite 55, and [Alte Downloads], Seite 41.

### February 24, 2004

LilyPond 2.1.27 takes into account instrument transpositions when quoting other voices. This release also fixes a number of lyrics related bugs. See the [Änderungen], Seite 55, and [Alte Downloads], Seite 41.

### February 23, 2004

LilyPond 2.1.26 has a new, experimental feature for quoting other voices in instrumental parts. This can be used to produce cue notes. More information in the [Änderungen], Seite 55. [Alte Downloads], Seite 41,

### February 18, 2004

LilyPond 2.1.25 fixes many bugs, and changes the conventions for altering accidental rules. [Alte Downloads], Seite 41,

### February 16, 2004

LilyPond 2.1.24 has a big internal rewrite. One of its practical consequences is that `\with` now also works with `Score` contexts. Further 2.1.23, which was not announced here, fixes a few bugs caused by the change of `\property` syntax and has updates in the Program Reference document. More information in the [Änderungen], Seite 55. [Alte Downloads], Seite 41,

### February 13, 2004

LilyPond 2.1.22 has a simplification of the `\property` syntax: it is shorter and more consistent now. More information in the [Änderungen], Seite 55. [Alte Downloads], Seite 41,

### February 12, 2004

In LilyPond 2.1.21, output tweaks can be done at multiple levels of the context hierarchy. In addition, it has a bunch of bugfixes, improvements in the documentation. More information in the [Änderungen], Seite 55. [Alte Downloads], Seite 41,

### February 9, 2004

LilyPond 2.1.20 has MIDI output for drums. It also sports a completely rewritten lilypond-book script, which is cleaner, shorter, and faster. It also has a large number of bugfixes. More information in the [Änderungen], Seite 55. [Alte Downloads], Seite 41,

### February 5, 2004

LilyPond 2.1.19 has rewritten support for drum notation. This release also makes some long-standing cleanups: the removal of `Thread` (all functionality is now moved into `Voice`) and Lyrics (functionality moved to `LyricsVoice`) context. More information in the [Änderungen], Seite 55. [Alte Downloads], Seite 41,

### February 4, 2004

LilyPond 2.1.18 is out. This release has the new part-combiner installed by default, and a similar implementation of `autochange`. More information in the [Änderungen], Seite 55. [Alte Downloads], Seite 41,

### February 2, 2004

LilyPond 2.1.17 is out. It adds texts (solo, a due) for the part combiner. It also reinstates the `--safe` option which prevents havoc by Scheme exploits. More information in the [Änderungen], Seite 55.

### January 28, 2004

LilyPond 2.1.16 is out; its main feature is that it fixes the autobeams gaffe of 2.1.15. The part-combiner has been tested successfully on larger pieces. In the near future, expect more part-combining eye-candy. More information in the [Änderungen], Seite 55. [Alte Downloads], Seite 41,

### January 26, 2004

LilyPond 2.1.15 further improves the part-combiner, and fixes many bugs, among others in pedal brackets and finger positioning. More information in the [Änderungen], Seite 55. [Alte Downloads], Seite 41,

### January 21, 2004

LilyPond 2.1.14 has the first release of the new part combiner. If you have scores that use part-combining, please consider giving it a test-run. In addition many bugs relating to mixed staff sizes have been fixed. More information in the [Änderungen], Seite 55. [Alte Downloads], Seite 41,

### January 20, 2004

The lilypond.org domain has been moved to a new server. This will result in better connectivity and more bandwidth. Due to security concerns, the new server does not offer FTP access, but only HTTP downloads.

### January 20, 2004

LilyPond 2.1.13 fixes a small but nasty bug in side-positioning placement, and some bugs in tuplet, tie and accidental formatting. This release contains rudimentary work on a new part-combiner. [Alte Downloads], Seite 41,

### January 19, 2004

LilyPond 2.1.12 fixes many bugs and improves formatting of ottava brackets. More information in the [Änderungen], Seite 55. [Alte Downloads], Seite 41,

### January 18, 2004

LilyPond 2.1.11 is now also available for Windows! For downloading, go here (`https://web.archive.org/web/20040204191423/http://www.inf.bme.hu/~berti/lilypond/`).

### January 17, 2004

In 2.1.11, the mechanism for setting staff size and page is much simplified. In addition there are improvements in the notehead shape, and there is balloon help! More information in the [Änderungen], Seite 55. [Alte Downloads], Seite 41,

### January 16, 2004

LilyPond 2.1.10 has a load of bugfixes and a shorter syntax for octave checks. More information in the [Änderungen], Seite 55. [Alte Downloads], Seite 41,

### January 13, 2004

LilyPond 2.1.9 has a new mechanism for adding lyrics to melodies. It is now possible to have different melismatic variations for each stanza. More information in the [Änderungen], Seite 55. [Alte Downloads], Seite 41,

### January 9, 2004

LilyPond 2.1.8 has an important new feature: it is now possible to use `\property` to tune the appearance of spanning objects like `StaffSymbol` and `SystemStartBrace`. In addition, contexts may be modified with `\remove` and `\consists` for individual music expressions. More information in the [Änderungen], Seite 55. [Alte Downloads], Seite 41,

### January 7, 2004

An update to the stable branch, version 2.0.2, was released today. It contains a couple of minor bugfixes. [Alte Downloads], Seite 41,

### January 6, 2004

LilyPond 2.1.7 continues to improve the layout of the Schubert test piece; this release focuses on dot placement and multi measure rests centering. More information in the [Änderungen], Seite 55, and download here (`install/#2.1`).

### January 4, 2004

LilyPond 2.1.6 continues to improve the layout of lyrics. More information in the release notes (`https://lilypond.org/doc/v2.1/Documentation/topdocs/out-www/NEWS.html`) and download here (`install/#2.1`).

### January 2, 2004

In LilyPond 2.1.5, the lyric alignment is completely revamped, and now matches my Edition Peters version of the Schubert song Sängers Morgen. More information in the [Änderungen], Seite 55, and download here (`install/#2.1`).

### December 30, 2003

LilyPond 2.1.4 is released. Font shapes and line thickness are now truly different for different staff sizes, thus lending an engraved look to scores printed in smaller type too. See the [Änderungen], Seite 55, and download here (`install/#2.1`).

### December 23, 2003

LilyPond 2.1.3 released. Interpreting and formatting is now done while parsing the file. This allows for Scheme manipulation of music, and could be used to implement experimental MusicXML output (volunteers to implement this are welcome!) See the [Änderungen], Seite 55, and download here (`install/#2.1`).

### December 17, 2003

LilyPond 2.1.2 released. This release has a new mechanism for setting font sizes, which combines different font design sizes and continuous font scaling. See the [Änderungen], Seite 55, and download here (`install/#2.1`).

### December 16, 2003

LilyPond 2.1.1 released. This release wraps together all the small fixes made during Han-Wen's absence. See the [Änderungen], Seite 55, and download here (`install/#2.1`).

### October 11, 2003

LilyPond 2.1.0 released. See the [Änderungen], Seite 55, and download here (`install/#2.1`).

### October 11, 2003

LilyPond 2.0.1 binaries for Mandrake 9.1 available from here (`https://web.archive.org/web/20031006165051/http://rpm.nyvalls.se/sound9.1.html`) thanks to Heikki Junes.

### October 9, 2003

LilyPond 2.0.1 binaries for Slackware 9 available from here (`install/#2.0`), thanks to Ricardo Hoffman.

### October 5, 2003

LilyPond 2.0.1 binaries are available for Macos X, many thanks to Matthias Neeracher. [Alte Downloads], Seite 41,

### October 4, 2003

LilyPond 2.0.1 binaries are available for Windows (Cygwin version 1.5). [Alte Downloads], Seite 41. Thanks to Bertalan Fodor, our new Cygwin maintainer!

### September 29, 2003

LilyPond 2.0.1 is released. It contains minor bugfixes. See the [Änderungen], Seite 55, or download here (`install/#2.0`) directly.

### September 27, 2003

PlanetCCRMA has been updated to include LilyPond 2.0. Go here (`https://ccrma.stanford.edu/planetccrma/software/soundapps.html#SECTION000621700000000000000`) to download. Thanks to Fernando Pablo Lopez-Lezcano!

### September 24, 2003

LilyPond 2.0.0 is released. The focus of this release is cleanups of the syntax: entering music is now much easier and more efficient. Read the announcement here (`https://lilypond.org/misc/announce-v2.0`), or go to the download page (`install/#2.0`) directly.

### September 24, 2003

LilyPond 1.9.10 is released. This is the final LilyPond 2.0 release candidate. Check the [Änderungen], Seite 55, and download here (`install/`).

### September 23, 2003

LilyPond 1.9.9 is released. This is the second LilyPond 2.0 prerelease. Check the [Änderungen], Seite 55, and download here (`install/`).

### September 19, 2003

LilyPond 1.9.8 is released. This is the first LilyPond 2.0 prerelease. Check the [Änderungen], Seite 55, and download here (`install/`).

### September 17, 2003

LilyPond 1.9.7 is released. LilyPond now has support for quarter tone accidentals! [Alte Downloads], Seite 41,

### September 16, 2003

LilyPond 1.9.6 is released. It has a lot of minor fixes and updates. [Alte Downloads], Seite 41,

### September 10, 2003

LilyPond 1.9.5 is released. With this release, the 1.9 branch is feature complete. After some stabilization and documentation work, 2.0 will be available in a few weeks. [Alte Downloads], Seite 41,

### September 9, 2003

LilyPond 1.8.2 is released. This release fixes a couple of minor bugs. [Alte Downloads], Seite 41,

### September 7, 2003

LilyPond 1.8 binaries are available for Windows (Cygwin version 1.5). [Alte Downloads], Seite 41,

### August 31, 2003

LilyPond 1.9.4 is released. *This is an experimental release*: read the announcement (`https://lists.gnu.org/archive/html/lilypond-devel/2003-08/msg00133.html`) before trying.

### August 31, 2003

LilyPond 1.8 binaries for slackware available. Get them here (`install/`).

### August 31, 2003

LilyPond 1.9.3 is released. This release supports tagging for music version control, and has better fingering placement flexibility. Read the [Änderungen], Seite 55, and get it here (`download#1.9`).

### August 28, 2003

LilyPond 1.9.2 is released. Read the [Änderungen], Seite 55, and get it here (`download#1.9`).

### August 26, 2003

LilyPond 1.9.1 is released. Read the [Änderungen], Seite 55, and get it here (`download#1.9`).

### August 25, 2003

The LilyPond 1.9 development release is available. Read the [Änderungen], Seite 55, and get it here (`download#1.9`).

### August 25, 2003

Mandrake 9.1 RPMS available, get them here (`https://web.archive.org/web/20031006165051/http://rpm.nyvalls.se/sound9.1.html`).

### August 21, 2003

LilyPond 1.8.1 was released. Get it here (`install/`), or read the [Änderungen], Seite 55.

### August 18, 2003

PlanetCCRMA (eg. RedHat 8 and 9) has been updated to 1.8. Download here. (`https://ccrma.stanford.edu/planetccrma/software/soundapps.html#SECTION00062170000000000000`)

### August 7, 2003

LilyPond 1.8 is released. Read [Änderungen], Seite 55, and get it here (`install/`).

### August 7, 2003

New website went live!

### August 6, 2003

Announced new website.

### August 1, 2003

LilyPond 1.7.30 released.

### July 30, 2003

Website: present treatise (`about/automated-engraving/index.html`) about music engraving, music printing software, and LilyPond's unique faculties.

### July 29, 2003

1.7.29 - release candidate 4 has been released. Packages for Red Hat, Debian, Cygwin are available (`install/`).