1 Additional Software

1.1 Description

Where to get software written by other parties that might be useful (or necessary) when running mod_perl.

1.2 Perl

Perl is probably already installed on your machine, but you should at least check the version you are using. It is highly recommended that you have at least Perl version 5.004. You can get the latest perl version from http://cpan.org/src/. Try the direct download link http://cpan.org/src/stable.tar.gz. You can get Perl documentation from the same location (although copious documentation is included in the downloaded Perl distribution).

1.3 CPAN Downloads

You can download most of the Perl modules from CPAN. There are many mirrors of this site. The main site's URL is http://cpan.org/.

You may want to search the Perl modules database by using http://search.cpan.org/.

Either use the search form, or type in the name of the package the module is distributed in. For example if you are looking for `Apache::DumpHeaders`, you can type:
http://search.cpan.org/search?dist=Apache-DumpHeaders .

1.4 Apache

Get the latest Apache webserver and documentation from http://httpd.apache.org. Try the direct download link http://httpd.apache.org/dist/.

1.5 Squid - Internet Object Cache

http://www.squid-cache.org/

Squid Linux 2.x Redhat RPMs : http://home.earthlink.net/~intrep/linux/

1.6 thttpd - tiny/turbo/throttling HTTP server

http://www.acme.com/software/thttpd/

1.7 mod_throttle_access

http://www.fremen.org/apache/mod_throttle_access.html

1.8 mod_proxy_add_forward

Ask Bjoern Hansen has written the `mod_proxy_add_forward.c` module for Apache that sets the `X-Forwarded-For` field when doing a ProxyPass, similar to what Squid does. His module is available from one of these URLs: http://modules.apache.org/, http://devel-ooper.com/code/mpaf/mod_proxy_add_forward.c or http://www.cpan.org/authors/id/ABH/mod_proxy_add_forward.c, complete with instructions on how to compile it and whatnot.

1.9 httperf -- webserver Benchmarking tool

http://www.hpl.hp.com/personal/David_Mosberger/httperf.html

1.10 http_load -- another webserver Benchmarking tool

http://www.acme.com/software/http_load/

1.11 ab -- ApacheBench

ApacheBench comes with the Apache distribution.

1.12 Daquiri -- yet another webserver Benchmarking tool

should be available from the mod_backhand CVS tree: http://www.backhand.org/mod_backhand/

1.13 High-Availability and Load Balancing Projects

1.13.1 mod_backhand -- Load Balancing for Apache

http://www.backhand.org/mod_backhand/

1.13.2 mod_redundancy

mod_redundancy is a module that works with Apache webserver. It creates a Master/Slave Relationship between two physical webservers. The Slave takes over the IP-Address(es) and the Webservice(s) in case of a failure of the Master. One of the clues of this solution is, that the Redundancy/Failover-Configuration is made inside the Apache-Configfile.

The product is neither OSS, nor free :(

The homepage of mod_redundancy is http://www.ask-the-guru.com .

1.13.3 High-Availability Linux Project

You will find the definitive guide to load balancing techniques at the High-Availability Linux Project site -- http://linux-ha.org/

1.13.4 lbnamed - a Load Balancing Name Server Written in Perl

http://www.stanford.edu/~riepel/lbnamed/ http://www.stanford.edu/~riepel/lbnamed/bof.talk/ http://www.stanford.edu/~schemers/docs/lbnamed/lbnamed.html

1.13.5 Network Address Translation and Networks: Virtual Servers (Load Balancing)

http://www.csn.tu-chemnitz.de/~mha/linux-ip-nat/diplom/node4.html#SECTION00043100000000000000

1.13.6 Linux Virtual Server Project

http://www.linuxvirtualserver.org/

1.13.7 Efficient Support for P-HTTP in Cluster-Based Web Servers

(with Mohit Aron and Willy Zwaenepoel.) In Proceedings of the USENIX 1999 Annual Technical Conference, Monterey, CA, June 1999. http://www.cs.rice.edu/~druschel/usenix99lard.ps.gz http://www.usenix.org/publications/library/proceedings/usenix99/full_papers/aron/aron_html/index.html

1.13.8 IP Filter

The latest ip filter includes some simple load balancing code, that allows a round-robin distribution onto several machines via ipnat. That may be a simple solution for a few specific load problem. http://coombs.anu.edu.au/~avalon/

1.14 Apache::Request

The package name is *libapreq*.

Get it from http://www.apache.org/dist/httpd/libapreq/. More information can be found at: http://httpd.apache.org/apreq/.

1.15 DataBases

Low-Cost Unix Database Differences (a little bit outdated..) http://www.toodarkpark.org/computers/dbs.html

My collection of various links to databases implementations http://stason.org/TULARC/webmaster/db.html

1.16 libgtop

LibGTop is a library that fetches system related information such as CPU Load, Memory Usage and information about running processes. The module `GTop` provides a Perl interface to this library.

http://ftp.gnome.org/pub/gnome/sources/libgtop/
http://fr.rpmfind.net/linux/rpm2html/search.php?query=libgtop

1.17 Maintainers

Maintainer is the person(s) you should contact with updates, corrections and patches.

- Stas Bekman <stas (at) stason.org>

1.18 Authors

- Stas Bekman <stas (at) stason.org>

Only the major authors are listed above. For contributors see the Changes file.

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