

# 1 Content Handler Example

## 1.1 Creating a content handler with mod\_perl 1.0

Handlers are simply perl subroutines called by the server at various stages of the HTTP request cycle. A content handler is a subroutine that is called by the response phase. Handlers, are typically created as a perl modules, separate files store in a library, and accessible via perl's @INC array.

For example, here's an example that returns a greeting and the current local time.

```
file:My/Greeting.pm
-----
package My::Greeting;
use strict;

use Apache::Constants qw(OK);

sub handler {
    my $r = shift;
    my $now = scalar localtime;
    my $server_name = $r->server->server_hostname;

    $r->send_http_header('text/plain');

    print <<EOT;
    Thanks for visiting $server_name.
    The local time is $now.
    EOT

    return OK;
}
1; # modules must return true
```

Save the above as a file file in your perl library (e.g. *My/Greeting.pm*). Now, to return the above greeting when the URL */hello* is visited on your server:

```
<Location /hello>
    SetHandler perl-script
    PerlHandler My::Greeting
</Location>
```

For a more in-depth explanation of creating mod\_perl handlers, and mod\_perl in general, see the mod\_perl Guide.

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