Module Index

Below is a list of all of the modules that come as part of the Apache distribution. See also the complete alphabetical list of all Apache directives[1].

Topics

See also

- Multi-Processing Modules (MPMs)[2]
- Directive Quick Reference[3]

Core Features and Multi-Processing Modules

core
> Core Apache HTTP Server features that are always available

mpm_common
> A collection of directives that are implemented by more than one multi-processing module (MPM)

beos
> This Multi-Processing Module is optimized for BeOS.

leader
> An experimental variant of the standard `worker` MPM

mpm_netware
> Multi-Processing Module implementing an exclusively threaded web server optimized for Novell NetWare

mpmt_os2
> Hybrid multi-process, multi-threaded MPM for OS/2

perchild
> Multi-Processing Module allowing for daemon processes serving requests to be assigned a variety of different userids

prefork
> Implements a non-threaded, pre-forking web server

threadpool
> Yet another experimental variant of the standard `worker` MPM

mpm_winnt
> This Multi-Processing Module is optimized for Windows NT.

worker
> Multi-Processing Module implementing a hybrid multi-threaded multi-process web server

Other Modules

mod_actions
> This module provides for executing CGI scripts based on media type or request method.

mod_alias
> Provides for mapping different parts of the host filesystem in the document tree and for URL

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redirection

mod_asis
Sends files that contain their own HTTP headers

mod_auth_basic
Basic authentication

mod_auth_digest
User authentication using MD5 Digest Authentication.

mod_auth_ldap
Allows an LDAP directory to be used to store the database for HTTP Basic authentication.

mod_authn_anon
Allows "anonymous" user access to authenticated areas

mod_authn_dbm
User authentication using DBM files

mod_authn_default
Authentication fallback module

mod_authn_file
User authentication using text files

mod_authz_dbm
Group authorization using DBM files

mod_authz_default
Authorization fallback module

mod_authz_groupfile
Group authorization using plaintext files

mod_authz_host
Group authorizations based on host (name or IP address)

mod_authz_user
User Authorization

mod_autoindex
Generates directory indexes, automatically, similar to the Unix `ls` command or the Win32 `dir` shell command

mod_cache
Content cache keyed to URIs.

mod_cern_meta
CERN httpd metafile semantics

mod_cgi
Execution of CGI scripts

mod_cgid
Execution of CGI scripts using an external CGI daemon

mod_charset_lite
Specify character set translation or recoding

mod_dav
Distributed Authoring and Versioning (WebDAV) functionality

mod_dav_fs
filesystem provider for `mod_dav`

mod_deflate
Compress content before it is delivered to the client

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mod_dir
   Provides for "trailing slash" redirects and serving directory index files

mod_disk_cache
   Content cache storage manager keyed to URIs

mod_echo
   A simple echo server to illustrate protocol modules

mod_env
   Modifies the environment which is passed to CGI scripts and SSI pages

mod_example
   Illustrates the Apache module API

mod_expires
   Generation of `Expires` HTTP headers according to user-specified criteria

mod_ext_filter
   Pass the response body through an external program before delivery to the client

mod_file_cache
   Caches a static list of files in memory

mod_headers
   Customization of HTTP request and response headers

mod_imap
   Server-side imagemap processing

mod_include
   Server-parsed html documents (Server Side Includes)

mod_info
   Provides a comprehensive overview of the server configuration

mod_isapi
   ISAPI Extensions within Apache for Windows

mod_ldap
   LDAP connection pooling and result caching services for use by other LDAP modules

mod_log_config
   Logging of the requests made to the server

mod_logio
   Logging of input and output bytes per request

mod_mem_cache
   Content cache keyed to URIs

mod_mime
   Associates the requested filename's extensions with the file's behavior (handlers and filters) and content (mime-type, language, character set and encoding)

mod_mime_magic
   Determines the MIME type of a file by looking at a few bytes of its contents

mod_negotiation
   Provides for content negotiation

mod_proxy
   HTTP/1.1 proxy/gateway server

mod_proxy_connect
   `mod_proxy` extension for `CONNECT` request handling

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mod_proxy_ftp
FTP support module for `mod_proxy`

mod_proxy_http
HTTP support module for `mod_proxy`

mod_rewrite
Provides a rule-based rewriting engine to rewrite requested URLs on the fly

mod_setenvif
Allows the setting of environment variables based on characteristics of the request

mod_so
Loading of executable code and modules into the server at start-up or restart time

mod_speling
Attempts to correct mistaken URLs that users might have entered by ignoring capitalization and by allowing up to one misspelling

mod_ssl
Strong cryptography using the Secure Sockets Layer (SSL) and Transport Layer Security (TLS) protocols

mod_status
Provides information on server activity and performance

mod_suexec
Allows CGI scripts to run as a specified user and Group

mod_unique_id
Provides an environment variable with a unique identifier for each request

mod_userdir
User-specific directories

mod_usertrack
Clickstream logging of user activity on a site

mod_vhost_alias
Provides for dynamically configured mass virtual hosting

URI References

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[1] http://httpd.apache.org/docs-2.1/mod/directives.html

[2] http://httpd.apache.org/docs-2.1/mpm.html

[3] http://httpd.apache.org/docs-2.1/mod/quickreference.html