

# Apache Server Information

Subpages:

[Configuration Files](#), [Server Settings](#), [Module List](#), [Active Hooks](#), [Available Providers](#)

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Sections:

[Loaded Modules](#), [Server Settings](#), [Startup Hooks](#), [Request Hooks](#), [Other Hooks](#), [Providers](#)

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## Loaded Modules

[core.c](#), [http\\_core.c](#), [mod\\_access\\_compat.c](#), [mod\\_alias.c](#), [mod\\_auth\\_basic.c](#), [mod\\_authn\\_core.c](#), [mod\\_authn\\_file.c](#), [mod\\_authz\\_core.c](#), [mod\\_authz\\_host.c](#), [mod\\_authz\\_user.c](#), [mod\\_autoindex.c](#), [mod\\_deflate.c](#), [mod\\_dir.c](#), [mod\\_env.c](#), [mod\\_filter.c](#), [mod\\_info.c](#), [mod\\_log\\_config.c](#), [mod\\_logio.c](#), [mod\\_mime.c](#), [mod\\_negotiation.c](#), [mod\\_setenvif.c](#), [mod\\_so.c](#), [mod\\_status.c](#), [mod\\_unixd.c](#), [mod\\_version.c](#), [mod\\_watchdog.c](#), [prefork.c](#),

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## Server Settings

**Server Version:** Apache/2.4.18 (Ubuntu)

**Server Built:** 2017-07-27T14:34:01

**Server loaded APR Version:** 1.5.2

**Compiled with APR Version:** 1.5.2

**Server loaded APU Version:** 1.5.4

**Compiled with APU Version:** 1.5.4

**Module Magic Number:** 20120211:52

**Hostname/port:** localhost:80

**Timeouts:** connection: 1200 keep-alive: 5

**MPM Name:** prefork

**MPM Information:** Max Daemons: 256 Threaded: no Forked: yes

**Server Architecture:** 64-bit

**Server Root:** /etc/apache2

**Config File:** /etc/apache2/apache2.conf

**Server Built With:**

- D APR\_HAS\_SENDFILE
- D APR\_HAS\_MMAP
- D APR\_HAVE\_IPV6 (IPv4-mapped addresses enabled)
- D APR\_USE\_SYSVSEM\_SERIALIZE
- D SINGLE\_LISTEN\_UNSERIALIZED\_ACCEPT
- D APR\_HAS\_OTHER\_CHILD
- D AP\_HAVE\_RELIABLE\_PIPED\_LOGS
- D HTTPD\_ROOT="/etc/apache2"
- D SUEXEC\_BIN="/usr/lib/apache2/suexec"
- D DEFAULT\_PIDLOG="/var/run/apache2.pid"
- D DEFAULT\_SCOREBOARD="logs/apache\_runtime\_status"

```
-D DEFAULT_ERRORLOG="logs/error_log"  
-D AP_TYPES_CONFIG_FILE="mime.types"  
-D SERVER_CONFIG_FILE="apache2.conf"
```

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## Startup Hooks

### Pre-Config:

```
-10 core.c  
-10 mod\_log\_config.c  
-10 mod\_logio.c  
-10 prefork.c  
00 mod\_watchdog.c  
00 mod\_unixd.c  
10 mod\_authz\_core.c  
10 mod\_authz\_host.c  
20 mod\_status.c  
30 core.c
```

### Check Configuration:

```
00 core.c  
00 mod\_info.c  
10 mod\_log\_config.c  
10 mod\_unixd.c  
10 mod\_authz\_core.c  
10 prefork.c
```

### Test Configuration:

```
00 core.c  
00 mod\_unixd.c  
10 mod\_so.c
```

### Post Configuration:

```
-10 core.c  
10 core.c  
10 http\_core.c  
10 mod\_authz\_host.c  
10 mod\_deflate.c  
10 mod\_mime.c  
10 mod\_status.c  
20 mod\_watchdog.c
```

### Open Logs:

```
-10 prefork.c  
-10 core.c  
10 mod\_log\_config.c
```

### Pre-MPM:

```
10 core.c
```

### MPM:

```
10 prefork.c
```

### Drop Privileges:

```
10 mod\_unixd.c
```

### Retrieve Optional Functions:

```
10 core.c  
10 mod\_authn\_file.c
```

### Child Init:

```
-10 core.c  
10 core.c  
10 mod\_watchdog.c
```

10 [mod\\_log\\_config.c](#)  
10 [mod\\_status.c](#)

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## Request Hooks

### Pre-Connection:

10 [mod\\_logio.c](#)  
30 [core.c](#)

### Create Connection:

30 [core.c](#)

### Process Connection:

30 [http\\_core.c](#)

### Create Request:

10 [core.c](#)  
30 [http\\_core.c](#)

### Pre-Read Request:

### Post-Read Request:

10 [mod\\_setenvif.c](#)

### Header Parse:

10 [mod\\_setenvif.c](#)

### HTTP Scheme:

30 [http\\_core.c](#)

### Default Port:

30 [http\\_core.c](#)

### Quick Handler:

### Translate Name:

10 [mod\\_alias.c](#)  
30 [core.c](#)

### Map to Storage:

-10 [core.c](#)  
10 [http\\_core.c](#)  
10 [http\\_core.c](#)  
30 [core.c](#)

### Check Access:

20 [mod\\_authz\\_core.c](#)

### Check Access (legacy):

10 [mod\\_access\\_compat.c](#)

### Verify User ID:

10 [mod\\_auth\\_basic.c](#)  
20 [mod\\_authn\\_core.c](#)

### Note Authentication Failure:

10 [mod\\_auth\\_basic.c](#)

### Verify User Access:

20 [mod\\_authz\\_core.c](#)

### Check Type:

00 [mod\\_negotiation.c](#)  
10 [mod\\_mime.c](#)  
30 [core.c](#)

### Fixups:

-10 [core.c](#)  
10 [mod\\_alias.c](#)  
10 [mod\\_env.c](#)

```
10 mod\_negotiation.c
20 mod\_auth\_basic.c
20 mod\_dir.c
```

**Insert Filters:**

```
10 core.c
10 mod\_filter.c
20 mod\_logio.c
```

**Content Handlers:**

```
-10 core.c
10 mod\_autoindex.c
10 mod\_info.c
10 mod\_negotiation.c
10 mod\_status.c
30 core.c
```

**Transaction Logging:**

```
10 mod\_log\_config.c
10 mod\_logio.c
```

**Insert Errors:****Generate Log ID:**

```
30 core.c
```

---

## Other Hooks

**Monitor:****Child Status:**

```
10 core.c
```

**End Generation:****Error Logging:****Query MPM Attributes:**

```
10 prefork.c
```

**Query MPM Name:**

```
10 prefork.c
```

**Register Timed Callback:****Extend Expression Parser:**

```
10 core.c
30 core.c
```

**Set Management Items:**

---

## Providers

**authn** (version 0):

```
file
```

**authz** (version 0):

```
all
env
expr
host
ip
local
method
```

user  
valid-user

**watchdog** (version child):

\_default\_  
\_singleton\_

---

**Module Name:** [core.c](#)

**Content handlers:** yes

**Configuration Phase Participation:** Create Directory Config, Merge Directory Configs, Create Server Config, Merge Server Configs

**Request Phase Participation:** Pre-Connection, Create Connection, Create Request, Translate Name, Map to Storage, Check Type, Fixups, Insert Filters, Content Handlers, Generate Log ID

**Module Directives:**

*<Directory> - Container for directives affecting resources located in the specified directories*

*<Location> - Container for directives affecting resources accessed through the specified URL paths*

*<VirtualHost> - Container to map directives to a particular virtual host, takes one or more host addresses*

*<Files> - Container for directives affecting files matching specified patterns*

*<Limit> - Container for authentication directives when accessed using specified HTTP methods*

*<LimitExcept> - Container for authentication directives to be applied when any HTTP method other than those specified is used to access the resource*

*<IfModule> - Container for directives based on existence of specified modules*

*<IfDefine> - Container for directives based on existence of command line defines*

*<DirectoryMatch> - Container for directives affecting resources located in the specified directories*

*<LocationMatch> - Container for directives affecting resources accessed through the specified URL paths*

*<FilesMatch> - Container for directives affecting files matching specified patterns*

*AddDefaultCharset - The name of the default charset to add to any Content-Type without one or 'Off' to disable*

*AcceptPathInfo - Set to on or off for PATH\_INFO to be accepted by handlers, or default for the per-handler preference*

*Define - Define a variable, optionally to a value. Same as passing -D to the command line.*

*UnDefine - Undefine the existence of a variable. Undo a Define.*

*Error - Generate error message from within configuration*

*<If> - Container for directives to be conditionally applied*

*<ElseIf> - Container for directives to be conditionally applied*

*<Else> - Container for directives to be conditionally applied*

*AccessFileName - Name(s) of per-directory config files (default: .htaccess)*

*DocumentRoot - Root directory of the document tree*

*ErrorDocument - Change responses for HTTP errors*

*AllowOverride - Controls what groups of directives can be configured by per-directory config files*

*AllowOverrideList - Controls what individual directives can be configured by per-directory config files*

Options - Set a number of attributes for a given directory  
DefaultType - the default media type for otherwise untyped files (DEPRECATED)  
FileETag - Specify components used to construct a file's ETag  
EnableMMAP - Controls whether memory-mapping may be used to read files  
EnableSendfile - Controls whether sendfile may be used to transmit files  
Protocol - Set the Protocol for httpd to use.  
AcceptFilter - Set the Accept Filter to use for a protocol  
Port - Port was replaced with Listen in Apache 2.0  
HostnameLookups - "on" to enable, "off" to disable reverse DNS lookups, or "double" to enable double-reverse DNS lookups  
ServerAdmin - The email address of the server administrator  
ServerName - The hostname and port of the server  
ServerSignature - En-/disable server signature (on/off/email)  
ServerRoot - Common directory of server-related files (logs, confs, etc.)  
DefaultRuntimeDir - Common directory for run-time files (shared memory, locks, etc.)  
ErrorLog - The filename of the error log  
ErrorLogFormat - Format string for the ErrorLog  
ServerAlias - A name or names alternately used to access the server  
ServerPath - The pathname the server can be reached at  
Timeout - Timeout duration (sec)  
ContentDigest - whether or not to send a Content-MD5 header with each request  
UseCanonicalName - How to work out the ServerName : Port when constructing URLs  
UseCanonicalPhysicalPort - Whether to use the physical Port when constructing URLs  
Include - Name(s) of the config file(s) to be included; fails if the wildcard does not match at least one file  
IncludeOptional - Name or pattern of the config file(s) to be included; ignored if the file does not exist or the pattern does not match any files  
LogLevel - Level of verbosity in error logging  
NameVirtualHost - A numeric IP address:port, or the name of a host  
ServerTokens - Determine tokens displayed in the Server: header - Min(imal), Major, Minor, Prod(uctOnly), OS, or Full  
LimitRequestLine - Limit on maximum size of an HTTP request line  
LimitRequestFieldsize - Limit on maximum size of an HTTP request header field  
LimitRequestFields - Limit (0 = unlimited) on max number of header fields in a request message  
LimitRequestBody - Limit (in bytes) on maximum size of request message body  
LimitXMLRequestBody - Limit (in bytes) on maximum size of an XML-based request body  
Mutex - mutex (or "default") and mechanism  
MaxRanges - Maximum number of Ranges in a request before returning the entire resource, or 0 for unlimited  
MaxRangeOverlaps - Maximum number of overlaps in Ranges in a request before returning the entire resource, or 0 for unlimited  
MaxRangeReversals - Maximum number of reversals in Ranges in a request before returning the entire resource, or 0 for unlimited  
RLimitCPU - Soft/hard limits for max CPU usage in seconds  
RLimitMEM - Soft/hard limits for max memory usage per process  
RLimitNPROC - soft/hard limits for max number of processes per uid  
LimitInternalRecursion - maximum recursion depth of internal redirects and subrequests

CGIPassAuth - Controls whether HTTP authorization headers, normally hidden, will be passed to scripts

QualifyRedirectURL - Controls whether HTTP authorization headers, normally hidden, will be passed to scripts

ForceType - a mime type that overrides other configured type

SetHandler - a handler name that overrides any other configured handler

SetOutputFilter - filter (or ; delimited list of filters) to be run on the request content

SetInputFilter - filter (or ; delimited list of filters) to be run on the request body

AllowEncodedSlashes - Allow URLs containing '/' encoded as '%2F'

ScoreBoardFile - A file for Apache to maintain runtime process management information

ExtendedStatus - "On" to track extended status information, "Off" to disable

SeeRequestTail - For extended status, "On" to see the last 63 chars of the request line, "Off" (default) to see the first 63

PidFile - A file for logging the server process ID

MaxRequestsPerChild - Maximum number of connections a particular child serves before dying. (DEPRECATED, use MaxConnectionsPerChild)

MaxConnectionsPerChild - Maximum number of connections a particular child serves before dying.

CoreDumpDirectory - The location of the directory Apache changes to before dumping core

MaxMemFree - Maximum number of 1k blocks a particular child's allocator may hold.

ThreadStackSize - Size in bytes of stack used by threads handling client connections

TraceEnable - 'on' (default), 'off' or 'extended' to trace request body content

MergeTrailers - merge request trailers into request headers or not

Protocols - Controls which protocols are allowed

ProtocolsHonorOrder - 'off' (default) or 'on' to respect given order of protocols, by default the client specified order determines selection

HttpProtocolOptions - 'Allow0.9' or 'Require1.0' (default); 'RegisteredMethods' or 'LenientMethods' (default); 'Unsafe' or 'Strict' (default). Sets HTTP acceptance rules

RegisterHttpMethod - Registers non-standard HTTP methods

## Current Configuration:

### In file: /etc/apache2/apache2.conf

```
74: Mutex file:/var/lock/apache2 default
81: PidFile /var/run/apache2/apache2.pid
86: Timeout 1200
120: HostnameLookups Off
128: ErrorLog /var/log/apache2/error.log
137: LogLevel warn
```

### In file: /etc/apache2/mods-enabled/alias.conf

```
16: <Directory "/usr/share/apache2/icons">
17:   Options FollowSymlinks
18:   AllowOverride None
   : </Directory>
```

### In file: /etc/apache2/mods-enabled/info.conf

```
7: <Location /server-info>
8:   SetHandler server-info
```

```
    : </Location>
In file: /etc/apache2/mods-enabled/mpm_prefork.conf
13: MaxConnectionsPerChild 50
In file: /etc/apache2/mods-enabled/status.conf
6: <Location /server-status>
7:   SetHandler server-status
   : </Location>
13: ExtendedStatus On
In file: /etc/apache2/apache2.conf
153: <Directory />
154:   Options FollowSymLinks
155:   AllowOverride None
     : </Directory>
159: <Directory /usr/share>
160:   AllowOverride None
     : </Directory>
164: <Directory /var/www/>
165:   Options Indexes FollowSymLinks
166:   AllowOverride None
     : </Directory>
183: AccessFileName .htaccess
In file: /etc/apache2/conf-enabled/security.conf
25: ServerTokens OS
36: ServerSignature On
45: TraceEnable Off
In file: /etc/apache2/sites-enabled/000-default.conf
1: <VirtualHost *:80>
11:   ServerAdmin webmaster@localhost
12:   DocumentRoot /var/www/html
20:   ErrorLog /var/log/apache2/error.log
   : </VirtualHost>
```

---

**Module Name:** [http\\_core.c](#)

**Content handlers:** *none*

**Configuration Phase Participation:** *none*

**Request Phase Participation:** Process Connection, Create Request, HTTP Scheme, Default Port, Map to Storage

**Module Directives:**

KeepAliveTimeout - *Keep-Alive timeout duration (sec)*

MaxKeepAliveRequests - *Maximum number of Keep-Alive requests per connection, or 0 for infinite*

KeepAlive - *Whether persistent connections should be On or Off*

**Current Configuration:**

**In file: /etc/apache2/apache2.conf**

92: KeepAlive On

99: MaxKeepAliveRequests 100



105: KeepAliveTimeout 5

---

**Module Name:** [mod\\_access\\_compat.c](#)

**Content handlers:** *none*

**Configuration Phase Participation:** Create Directory Config

**Request Phase Participation:** Check Access (legacy)

**Module Directives:**

*order - 'allow,deny', 'deny,allow', or 'mutual-failure'*

*allow - 'from' followed by hostnames or IP-address wildcards*

*deny - 'from' followed by hostnames or IP-address wildcards*

*Satisfy - access policy if both allow and require used ('all' or 'any')*

**Current Configuration:**

---

**Module Name:** [mod\\_alias.c](#)

**Content handlers:** *none*

**Configuration Phase Participation:** Create Directory Config, Merge Directory Configs, Create Server Config, Merge Server Configs

**Request Phase Participation:** Translate Name, Fixups

**Module Directives:**

*Alias - a fakename and a realname*

*ScriptAlias - a fakename and a realname*

*Redirect - an optional status, then document to be redirected and destination URL*

*AliasMatch - a regular expression and a filename*

*ScriptAliasMatch - a regular expression and a filename*

*RedirectMatch - an optional status, then a regular expression and destination URL*

*RedirectTemp - a document to be redirected, then the destination URL*

*RedirectPermanent - a document to be redirected, then the destination URL*

**Current Configuration:**

**In file:** /etc/apache2/mods-enabled/alias.conf

14: Alias /icons/ "/usr/share/apache2/icons/"

---

**Module Name:** [mod\\_auth\\_basic.c](#)

**Content handlers:** *none*

**Configuration Phase Participation:** Create Directory Config, Merge Directory Configs

**Request Phase Participation:** Verify User ID, Note Authentication Failure, Fixups

**Module Directives:**

*AuthBasicProvider - specify the auth providers for a directory or location*

*AuthBasicAuthoritative - Set to 'Off' to allow access control to be passed along to lower modules if the UserID is not known to this module*

*AuthBasicFake - Fake basic authentication using the given expressions for username and password, 'off' to disable. Password defaults to 'password' if missing.*

*AuthBasicUseDigestAlgorithm - Set to 'MD5' to use the auth provider's authentication check for digest auth, using a hash of 'user:realm:pass'*

**Current Configuration:**

---

**Module Name:** [mod\\_authn\\_core.c](#)**Content handlers:** *none***Configuration Phase Participation:** Create Directory Config, Merge Directory Configs, Create Server Config, Merge Server Configs**Request Phase Participation:** Verify User ID**Module Directives:***AuthType - an HTTP authorization type (e.g., "Basic")**AuthName - the authentication realm (e.g. "Members Only")**<AuthnProviderAlias> - container for grouping an authentication provider's directives under a provider alias***Current Configuration:**

---

**Module Name:** [mod\\_authn\\_file.c](#)**Content handlers:** *none***Configuration Phase Participation:** Create Directory Config**Request Phase Participation:** *none***Module Directives:***AuthUserFile - text file containing user IDs and passwords***Current Configuration:**

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**Module Name:** [mod\\_authz\\_core.c](#)**Content handlers:** *none***Configuration Phase Participation:** Create Directory Config, Merge Directory Configs, Create Server Config, Merge Server Configs**Request Phase Participation:** Check Access, Verify User Access**Module Directives:***<AuthzProviderAlias> - container for grouping an authorization provider's directives under a provider alias**Require - specifies authorization directives which one must pass (or not) for a request to succeed**<RequireAll> - container for grouping authorization directives of which none must fail and at least one must pass for a request to succeed**<RequireAny> - container for grouping authorization directives of which one must pass for a request to succeed**<RequireNone> - container for grouping authorization directives of which none must pass for a request to succeed**AuthMerging - controls how a <Directory>, <Location>, or similar directive's authorization directives are combined with those of its predecessor**AuthzSendForbiddenOnFailure - Controls if an authorization failure should result in a '403 FORBIDDEN' response instead of the HTTP-conforming '401 UNAUTHORIZED'***Current Configuration:****In file:** /etc/apache2/mods-enabled/alias.conf

16: &lt;Directory "/usr/share/apache2/icons"&gt;

19: Require all granted

: &lt;/Directory&gt;

**In file:** /etc/apache2/mods-enabled/info.conf

7: &lt;Location /server-info&gt;

```
9:  Require local
10:  Require ip 131.95.120.10
    : </Location>
In file: /etc/apache2/mods-enabled/status.conf
6:  <Location /server-status>
8:  Require local
9:  Require ip 131.95.120.10
    : </Location>
In file: /etc/apache2/apache2.conf
153: <Directory />
156:  Require all denied
    : </Directory>
159: <Directory /usr/share>
161:  Require all granted
    : </Directory>
164: <Directory /var/www/>
167:  Require all granted
    : </Directory>
189: <FilesMatch "^\.ht">
190:  Require all denied
    : </FilesMatch>
```

---

**Module Name:** [mod\\_authz\\_host.c](#)

**Content handlers:** *none*

**Configuration Phase Participation:** *none*

**Request Phase Participation:** *none*

**Module Directives:** *none*

---

**Module Name:** [mod\\_authz\\_user.c](#)

**Content handlers:** *none*

**Configuration Phase Participation:** Create Directory Config

**Request Phase Participation:** *none*

**Module Directives:**

**Current Configuration:**

---

**Module Name:** [mod\\_autoindex.c](#)

**Content handlers:** *yes*

**Configuration Phase Participation:** Create Directory Config, Merge Directory Configs

**Request Phase Participation:** Content Handlers

**Module Directives:**

AddIcon - *an icon URL followed by one or more filenames*

AddIconByType - *an icon URL followed by one or more MIME types*

AddIconByEncoding - *an icon URL followed by one or more content encodings*

AddAlt - *alternate descriptive text followed by one or more filenames*

AddAltByType - alternate descriptive text followed by one or more MIME types  
 AddAltByEncoding - alternate descriptive text followed by one or more content encodings  
 IndexOptions - one or more index options [+|-][  
 IndexOrderDefault - {Ascending,Descending} {Name,Size,Description,Date}  
 IndexIgnore - one or more file extensions  
 IndexIgnoreReset - Reset the inherited list of IndexIgnore filenames  
 AddDescription - Descriptive text followed by one or more filenames  
 HeaderName - a filename  
 ReadmeName - a filename  
 FancyIndexing - The FancyIndexing directive is no longer supported. Use IndexOptions FancyIndexing.  
 DefaultIcon - an icon URL  
 IndexStyleSheet - URL to style sheet  
 IndexHeadInsert - String to insert in HTML HEAD section

## Current Configuration:

In file: /etc/apache2/mods-enabled/autoindex.conf

```
8: IndexOptions FancyIndexing VersionSort HTMLTable NameWidth=* DescriptionWidth=*
Charset=UTF-8
```

```
14: AddIconByEncoding (CMP,/icons/compressed.gif) x-compress x-gzip x-bzip2
```

```
16: AddIconByType (TXT,/icons/text.gif) text/*
```

```
17: AddIconByType (IMG,/icons/image2.gif) image/*
```

```
18: AddIconByType (SND,/icons/sound2.gif) audio/*
```

```
19: AddIconByType (VID,/icons/movie.gif) video/*
```

```
21: AddIcon /icons/binary.gif .bin .exe
```

```
22: AddIcon /icons/binhex.gif .hqx
```

```
23: AddIcon /icons/tar.gif .tar
```

```
24: AddIcon /icons/world2.gif .wrl .wrl.gz .vrml .vrm .iv
```

```
25: AddIcon /icons/compressed.gif .Z .z .tgz .gz .zip
```

```
26: AddIcon /icons/a.gif .ps .ai .eps
```

```
27: AddIcon /icons/layout.gif .html .shtml .htm .pdf
```

```
28: AddIcon /icons/text.gif .txt
```

```
29: AddIcon /icons/c.gif .c
```

```
30: AddIcon /icons/p.gif .pl .py
```

```
31: AddIcon /icons/f.gif .for
```

```
32: AddIcon /icons/dvi.gif .dvi
```

```
33: AddIcon /icons/uuencoded.gif .uu
```

```
34: AddIcon /icons/script.gif .conf .sh .shar .csh .ksh .tcl
```

```
35: AddIcon /icons/tex.gif .tex
```

```
37: AddIcon /icons/bomb.gif /core
```

```
38: AddIcon (SND,/icons/sound2.gif) .ogg
```

```
39: AddIcon (VID,/icons/movie.gif) .ogm
```

```
41: AddIcon /icons/back.gif ..
```

```
42: AddIcon /icons/hand.right.gif README
```

```
43: AddIcon /icons/folder.gif ^^DIRECTORY^^
```

```
44: AddIcon /icons/blank.gif ^^BLANKICON^^
```

```
47: AddIcon /icons/odf6odt-20x22.png .odt
```

```
48: AddIcon /icons/odf6ods-20x22.png .ods
```

```
49: AddIcon /icons/odf6odp-20x22.png .odp
50: AddIcon /icons/odf6odg-20x22.png .odg
51: AddIcon /icons/odf6odc-20x22.png .odc
52: AddIcon /icons/odf6odf-20x22.png .odf
53: AddIcon /icons/odf6odb-20x22.png .odb
54: AddIcon /icons/odf6odi-20x22.png .odi
55: AddIcon /icons/odf6odm-20x22.png .odm
57: AddIcon /icons/odf6ott-20x22.png .ott
58: AddIcon /icons/odf6ots-20x22.png .ots
59: AddIcon /icons/odf6otp-20x22.png .otp
60: AddIcon /icons/odf6otg-20x22.png .otg
61: AddIcon /icons/odf6otc-20x22.png .otc
62: AddIcon /icons/odf6otf-20x22.png .otf
63: AddIcon /icons/odf6oti-20x22.png .oti
64: AddIcon /icons/odf6oth-20x22.png .oth
69: DefaultIcon /icons/unknown.gif
86: ReadmeName README.html
87: HeaderName HEADER.html
92: IndexIgnore .??* *~ *# RCS CVS *,v *,t
```

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**Module Name:** [mod\\_deflate.c](#)

**Content handlers:** none

**Configuration Phase Participation:** Create Directory Config, Create Server Config

**Request Phase Participation:** none

**Module Directives:**

DeflateFilterNote - Set a note to report on compression ratio  
DeflateWindowSize - Set the Deflate window size (1-15)  
DeflateBufferSize - Set the Deflate Buffer Size  
DeflateMemLevel - Set the Deflate Memory Level (1-9)  
DeflateCompressionLevel - Set the Deflate Compression Level (1-9)  
DeflateInflateLimitRequestBody - Set a limit on size of inflated input  
DeflateInflateRatioLimit - Set the inflate ratio limit above which inflation is aborted (default: 200)  
DeflateInflateRatioBurst - Set the maximum number of following inflate ratios above limit (default: 3)

**Current Configuration:**

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**Module Name:** [mod\\_dir.c](#)

**Content handlers:** none

**Configuration Phase Participation:** Create Directory Config, Merge Directory Configs

**Request Phase Participation:** Fixups

**Module Directives:**

FallbackResource - Set a default handler  
DirectoryIndex - a list of file names  
DirectorySlash - On or Off  
DirectoryCheckHandler - On or Off

DirectoryIndexRedirect - *On, Off, or a 3xx status code.*

**Current Configuration:**

In file: `/etc/apache2/mods-enabled/dir.conf`

2: DirectoryIndex `index.html index.cgi index.pl index.php index.xhtml index.htm`

---

**Module Name:** [mod\\_env.c](#)

**Content handlers:** *none*

**Configuration Phase Participation:** Create Directory Config, Merge Directory Configs

**Request Phase Participation:** Fixups

**Module Directives:**

PassEnv - *a list of environment variables to pass to CGI.*

SetEnv - *an environment variable name and optional value to pass to CGI.*

UnsetEnv - *a list of variables to remove from the CGI environment.*

**Current Configuration:**

**Module Name:** [mod\\_filter.c](#)

**Content handlers:** *none*

**Configuration Phase Participation:** Create Directory Config, Merge Directory Configs

**Request Phase Participation:** Insert Filters

**Module Directives:**

FilterDeclare - *filter-name [filter-type]*

FilterProvider - *filter-name provider-name match-expression*

FilterChain - *list of filter names with optional [+!=!@]*

FilterTrace - *filter-name debug-level*

AddOutputFilterByType - *output filter name followed by one or more content-types*

FilterProtocol - *filter-name [provider-name] protocol-args*

**Current Configuration:**

In file: `/etc/apache2/mods-enabled/deflate.conf`

4: AddOutputFilterByType `DEFLATE text/html text/plain text/xml`

7: AddOutputFilterByType `DEFLATE text/css`

8: AddOutputFilterByType `DEFLATE application/x-javascript application/javascript application/ecmascript`

9: AddOutputFilterByType `DEFLATE application/rss+xml`

10: AddOutputFilterByType `DEFLATE application/xml`

---

**Module Name:** [mod\\_info.c](#)

**Content handlers:** *yes*

**Configuration Phase Participation:** Create Server Config, Merge Server Configs

**Request Phase Participation:** Content Handlers

**Module Directives:**

AddModuleInfo - *a module name and additional information on that module*

**Current Configuration:**

**Module Name:** [mod\\_log\\_config.c](#)

**Content handlers:** *none*

**Configuration Phase Participation:** Create Server Config, Merge Server Configs

**Request Phase Participation:** Transaction Logging

**Module Directives:**

CustomLog - *a file name, a custom log format string or format name, and an optional "env=" or "expr=" clause (see docs)*

TransferLog - *the filename of the access log*

LogFormat - *a log format string (see docs) and an optional format name*

BufferedLogs - *Enable Buffered Logging (experimental)*

**Current Configuration:**

**In file: /etc/apache2/apache2.conf**

```
206: LogFormat "%v:%p %h %l %u %t \"%r\" %>s %0 \"%{Referer}i\" \"%{User-Agent}i\""  
vhost_combined
```

```
207: LogFormat "%h %l %u %t \"%r\" %>s %0 \"%{Referer}i\" \"%{User-Agent}i\""  
combined
```

```
208: LogFormat "%h %l %u %t \"%r\" %>s %0" common
```

```
209: LogFormat "%{Referer}i -> %U" referer
```

```
210: LogFormat "%{User-agent}i" agent
```

**In file: /etc/apache2/conf-enabled/other-vhosts-access-log.conf**

```
2: CustomLog /var/log/apache2/other_vhosts_access.log vhost_combined
```

**In file: /etc/apache2/sites-enabled/000-default.conf**

```
1: <VirtualHost *:80>
```

```
21: CustomLog /var/log/apache2/access.log combined
```

```
: </VirtualHost>
```

---

**Module Name:** [mod\\_logio.c](#)

**Content handlers:** *none*

**Configuration Phase Participation:** Create Directory Config

**Request Phase Participation:** Pre-Connection, Insert Filters, Transaction Logging

**Module Directives:**

LogIOTrackTTFB - *Set to 'ON' to enable tracking time to first byte*

**Current Configuration:**

---

**Module Name:** [mod\\_mime.c](#)

**Content handlers:** *none*

**Configuration Phase Participation:** Create Directory Config, Merge Directory Configs

**Request Phase Participation:** Check Type

**Module Directives:**

AddCharset - *a charset (e.g., iso-2022-jp), followed by one or more file extensions*

AddEncoding - *an encoding (e.g., gzip), followed by one or more file extensions*

AddHandler - *a handler name followed by one or more file extensions*

AddInputFilter - *input filter name (or ; delimited names) followed by one or more file extensions*

AddLanguage - *a language (e.g., fr), followed by one or more file extensions*

AddOutputFilter - *output filter name (or ; delimited names) followed by one or more file extensions*

AddType - *a mime type followed by one or more file extensions*  
DefaultLanguage - *language to use for documents with no other language file extension*  
MultiviewsMatch - *NegotiatedOnly (default), Handlers and/or Filters, or Any*  
RemoveCharset - *one or more file extensions*  
RemoveEncoding - *one or more file extensions*  
RemoveHandler - *one or more file extensions*  
RemoveInputFilter - *one or more file extensions*  
RemoveLanguage - *one or more file extensions*  
RemoveOutputFilter - *one or more file extensions*  
RemoveType - *one or more file extensions*  
TypesConfig - *the MIME types config file*  
ModMimeUsePathInfo - *Set to 'yes' to allow mod\_mime to use path info for type checking*

### **Current Configuration:**

**In file: /etc/apache2/mods-enabled/mime.conf**

```
7: TypesConfig /etc/mime.types
27: AddType application/x-compress .Z
28: AddType application/x-gzip .gz .tgz
29: AddType application/x-bzip2 .bz2
69: AddLanguage am .amh
70: AddLanguage ar .ara
71: AddLanguage be .be
72: AddLanguage bg .bg
73: AddLanguage bn .bn
74: AddLanguage br .br
75: AddLanguage bs .bs
76: AddLanguage ca .ca
77: AddLanguage cs .cz .cs
78: AddLanguage cy .cy
79: AddLanguage da .dk
80: AddLanguage de .de
81: AddLanguage dz .dz
82: AddLanguage el .el
83: AddLanguage en .en
84: AddLanguage eo .eo
86: RemoveType es
87: AddLanguage es .es
88: AddLanguage et .et
89: AddLanguage eu .eu
90: AddLanguage fa .fa
91: AddLanguage fi .fi
92: AddLanguage fr .fr
93: AddLanguage ga .ga
94: AddLanguage gl .glg
95: AddLanguage gu .gu
96: AddLanguage he .he
97: AddLanguage hi .hi
```



98: AddLanguage *hr .hr*  
99: AddLanguage *hu .hu*  
100: AddLanguage *hy .hy*  
101: AddLanguage *id .id*  
102: AddLanguage *is .is*  
103: AddLanguage *it .it*  
104: AddLanguage *ja .ja*  
105: AddLanguage *ka .ka*  
106: AddLanguage *kk .kk*  
107: AddLanguage *km .km*  
108: AddLanguage *kn .kn*  
109: AddLanguage *ko .ko*  
110: AddLanguage *ku .ku*  
111: AddLanguage *lo .lo*  
112: AddLanguage *lt .lt*  
113: AddLanguage *ltz .ltz*  
114: AddLanguage *lv .lv*  
115: AddLanguage *mg .mg*  
116: AddLanguage *mk .mk*  
117: AddLanguage *ml .ml*  
118: AddLanguage *mr .mr*  
119: AddLanguage *ms .msa*  
120: AddLanguage *nb .nob*  
121: AddLanguage *ne .ne*  
122: AddLanguage *nl .nl*  
123: AddLanguage *nn .nn*  
124: AddLanguage *no .no*  
125: AddLanguage *pa .pa*  
126: AddLanguage *pl .po*  
127: AddLanguage *pt-BR .pt-br*  
128: AddLanguage *pt .pt*  
129: AddLanguage *ro .ro*  
130: AddLanguage *ru .ru*  
131: AddLanguage *sa .sa*  
132: AddLanguage *se .se*  
133: AddLanguage *si .si*  
134: AddLanguage *sk .sk*  
135: AddLanguage *sl .sl*  
136: AddLanguage *sq .sq*  
137: AddLanguage *sr .sr*  
138: AddLanguage *sv .sv*  
139: AddLanguage *ta .ta*  
140: AddLanguage *te .te*  
141: AddLanguage *th .th*  
142: AddLanguage *tl .tl*  
143: RemoveType *tr*  
145: AddLanguage *tr .tr*

146: AddLanguage *uk .uk*  
147: AddLanguage *ur .ur*  
148: AddLanguage *vi .vi*  
149: AddLanguage *wo .wo*  
150: AddLanguage *xh .xh*  
151: AddLanguage *zh-CN .zh-cn*  
152: AddLanguage *zh-TW .zh-tw*  
161: AddCharset *us-ascii .ascii .us-ascii*  
162: AddCharset *ISO-8859-1 .iso8859-1 .latin1*  
163: AddCharset *ISO-8859-2 .iso8859-2 .latin2 .cen*  
164: AddCharset *ISO-8859-3 .iso8859-3 .latin3*  
165: AddCharset *ISO-8859-4 .iso8859-4 .latin4*  
166: AddCharset *ISO-8859-5 .iso8859-5 .cyr .iso-ru*  
167: AddCharset *ISO-8859-6 .iso8859-6 .arb .arabic*  
168: AddCharset *ISO-8859-7 .iso8859-7 .grk .greek*  
169: AddCharset *ISO-8859-8 .iso8859-8 .heb .hebrew*  
170: AddCharset *ISO-8859-9 .iso8859-9 .latin5 .trk*  
171: AddCharset *ISO-8859-10 .iso8859-10 .latin6*  
172: AddCharset *ISO-8859-13 .iso8859-13*  
173: AddCharset *ISO-8859-14 .iso8859-14 .latin8*  
174: AddCharset *ISO-8859-15 .iso8859-15 .latin9*  
175: AddCharset *ISO-8859-16 .iso8859-16 .latin10*  
176: AddCharset *ISO-2022-JP .iso2022-jp .jis*  
177: AddCharset *ISO-2022-KR .iso2022-kr .kis*  
178: AddCharset *ISO-2022-CN .iso2022-cn .cis*  
179: AddCharset *Big5 .Big5 .big5 .b5*  
180: AddCharset *cn-Big5 .cn-big5*  
182: AddCharset *WINDOWS-1251 .cp-1251 .win-1251*  
183: AddCharset *CP866 .cp866*  
184: AddCharset *KOI8 .koi8*  
185: AddCharset *KOI8-E .koi8-e*  
186: AddCharset *KOI8-r .koi8-r .koi8-ru*  
187: AddCharset *KOI8-U .koi8-u*  
188: AddCharset *KOI8-ru .koi8-uk .ua*  
189: AddCharset *ISO-10646-UCS-2 .ucs2*  
190: AddCharset *ISO-10646-UCS-4 .ucs4*  
191: AddCharset *UTF-7 .utf7*  
192: AddCharset *UTF-8 .utf8*  
193: AddCharset *UTF-16 .utf16*  
194: AddCharset *UTF-16BE .utf16be*  
195: AddCharset *UTF-16LE .utf16le*  
196: AddCharset *UTF-32 .utf32*  
197: AddCharset *UTF-32BE .utf32be*  
198: AddCharset *UTF-32LE .utf32le*  
199: AddCharset *euc-cn .euc-cn*  
200: AddCharset *euc-gb .euc-gb*  
201: AddCharset *euc-jp .euc-jp*

```
202: AddCharset euc-kr .euc-kr
204: AddCharset EUC-TW .euc-tw
205: AddCharset gb2312 .gb2312 .gb
206: AddCharset iso-10646-ucs-2 .ucs-2 .iso-10646-ucs-2
207: AddCharset iso-10646-ucs-4 .ucs-4 .iso-10646-ucs-4
208: AddCharset shift_jis .shift_jis .sjis
209: AddCharset BRF .brf
236: AddHandler type-map var
244: AddType text/html .shtml
245: AddOutputFilter INCLUDES .shtml
```

---

**Module Name:** [mod\\_negotiation.c](#)**Content handlers:** *yes***Configuration Phase Participation:** Create Directory Config, Merge Directory Configs**Request Phase Participation:** Check Type, Fixups, Content Handlers**Module Directives:**CacheNegotiatedDocs - *Either 'on' or 'off' (default)*LanguagePriority - *space-delimited list of MIME language abbreviations*ForceLanguagePriority - *Force LanguagePriority elections, either None, or Fallback and/or Prefer***Current Configuration:****In file:** `/etc/apache2/mods-enabled/negotiation.conf`9: LanguagePriority *en ca cs da de el eo es et fr he hr it ja ko ltz nl nn no pl pt pt-BR ru sv tr zh-CN zh-TW*16: ForceLanguagePriority *Prefer Fallback*

---

**Module Name:** [mod\\_setenvif.c](#)**Content handlers:** *none***Configuration Phase Participation:** Create Directory Config, Merge Directory Configs, Create Server Config, Merge Server Configs**Request Phase Participation:** Post-Read Request, Header Parse**Module Directives:**SetEnvIf - *A header-name, regex and a list of variables.*SetEnvIfNoCase - *a header-name, regex and a list of variables.*SetEnvIfExpr - *an expression and a list of variables.*BrowserMatch - *A browser regex and a list of variables.*BrowserMatchNoCase - *A browser regex and a list of variables.***Current Configuration:****In file:** `/etc/apache2/mods-enabled/setenvif.conf`7: BrowserMatch *"Mozilla/2" nokeepalive*8: BrowserMatch *"MSIE 4\.\0b2;" nokeepalive downgrade-1.0 force-response-1.0*9: BrowserMatch *"RealPlayer 4\.\0" force-response-1.0*10: BrowserMatch *"Java/1\.\0" force-response-1.0*11: BrowserMatch *"JDK/1\.\0" force-response-1.0*20: BrowserMatch *"Microsoft Data Access Internet Publishing Provider" redirect-carefully*

21: BrowserMatch "MS FrontPage" redirect-carefully  
22: BrowserMatch "^WebDrive" redirect-carefully  
23: BrowserMatch "^WebDAVFS/1.[012]" redirect-carefully  
24: BrowserMatch "^gnome-vfs/1.0" redirect-carefully  
25: BrowserMatch "^gvfs/1" redirect-carefully  
26: BrowserMatch "^XML Spy" redirect-carefully  
27: BrowserMatch "^Dreamweaver-WebDAV-SCM1" redirect-carefully  
28: BrowserMatch "Konqueror/4" redirect-carefully

---

**Module Name:** [mod\\_so.c](#)

**Content handlers:** none

**Configuration Phase Participation:** Create Server Config

**Request Phase Participation:** none

**Module Directives:**

LoadModule - a module name and the name of a shared object file to load it from

LoadFile - shared object file or library to load into the server at runtime

**Current Configuration:**

---

**Module Name:** [mod\\_status.c](#)

**Content handlers:** yes

**Configuration Phase Participation:** none

**Request Phase Participation:** Content Handlers

**Module Directives:** none

---

**Module Name:** [mod\\_unixd.c](#)

**Content handlers:** none

**Configuration Phase Participation:** none

**Request Phase Participation:** none

**Module Directives:**

User - Effective user id for this server

Group - Effective group id for this server

ChrootDir - The directory to chroot(2) into

Suexec - Enable or disable suEXEC support

**Current Configuration:**

In file: /etc/apache2/apache2.conf

109: User www-data

110: Group www-data

---

**Module Name:** [mod\\_version.c](#)

**Content handlers:** none

**Configuration Phase Participation:** none

**Request Phase Participation:** none

**Module Directives:**

<IfVersion> - a comparison operator, a version (and a delimiter)

## Current Configuration:

---

**Module Name:** [mod\\_watchdog.c](#)

**Content handlers:** *none*

**Configuration Phase Participation:** *none*

**Request Phase Participation:** *none*

**Module Directives:**

WatchdogInterval - *Watchdog interval in seconds*

**Current Configuration:**

---

**Module Name:** [prefork.c](#)

**Content handlers:** *none*

**Configuration Phase Participation:** *none*

**Request Phase Participation:** *none*

**Module Directives:**

ListenBacklog - *Maximum length of the queue of pending connections, as used by listen(2)*

ListenCoresBucketsRatio - *Ratio between the number of CPU cores (online) and the number of listeners buckets*

Listen - *A port number or a numeric IP address and a port number, and an optional protocol*

SendBufferSize - *Send buffer size in bytes*

ReceiveBufferSize - *Receive buffer size in bytes*

StartServers - *Number of child processes launched at server startup*

MinSpareServers - *Minimum number of idle children, to handle request spikes*

MaxSpareServers - *Maximum number of idle children*

MaxClients - *Deprecated name of MaxRequestWorkers*

MaxRequestWorkers - *Maximum number of children alive at the same time*

ServerLimit - *Maximum value of MaxRequestWorkers for this run of Apache*

GracefulShutdownTimeout - *Maximum time in seconds to wait for child processes to complete transactions during shutdown*

**Current Configuration:**

**In file:** `/etc/apache2/mods-enabled/mpm_prefork.conf`

9: StartServers 5

10: MinSpareServers 5

11: MaxSpareServers 10

12: MaxRequestWorkers 400

**In file:** `/etc/apache2/ports.conf`

5: Listen 80

---

*Apache/2.4.18 (Ubuntu) Server at localhost Port 80*