

Apache Server Information

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Loaded Modules

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Server Settings

Server Version: Apache/2.4.18 (Ubuntu) mod_apreq2-20090110/2.8.0

mod_perl/2.0.9 Perl/v5.22.1

Server Built: 2019-10-08T13:31:25

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: math.usm.edu:80

Timeouts: connection: 1200 keep-alive: 5

MPM Name: prefork

MPM Information: Max Daemons: 40 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"
```

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  
10 mod\_perl.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  
00 mod\_apreq2.c  
00 mod\_perl.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  
20 mod\_apreq2.c  
30 mod\_perl.c
```

Open Logs:

```
-10 prefork.c  
-10 core.c  
00 mod\_perl.c  
00 mod\_perl.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:

-20 [mod_perl.c](#)
-10 [core.c](#)
00 [mod_perl.c](#)
10 [core.c](#)
10 [mod_watchdog.c](#)
10 [mod_log_config.c](#)
10 [mod_status.c](#)

Request Hooks

Pre-Connection:

00 [mod_perl.c](#)
00 [mod_perl.c](#)
10 [mod_logio.c](#)
30 [core.c](#)

Create Connection:

30 [core.c](#)

Process Connection:

00 [mod_perl.c](#)
30 [http_core.c](#)

Create Request:

10 [core.c](#)
10 [mod_perl.c](#)
30 [http_core.c](#)

Pre-Read Request:**Post-Read Request:**

-20 [mod_perl.c](#)
-10 [mod_perl.c](#)
10 [mod_setenvif.c](#)

Header Parse:

-20 [mod_perl.c](#)
-10 [mod_perl.c](#)
10 [mod_setenvif.c](#)

HTTP Scheme:

30 [http_core.c](#)

Default Port:

30 [http_core.c](#)

Quick Handler:**Translate Name:**

-10 [mod_perl.c](#)
10 [mod_alias.c](#)
30 [core.c](#)

Map to Storage:

-10 [core.c](#)
-10 [mod_perl.c](#)
10 [http_core.c](#)
10 [http_core.c](#)
30 [core.c](#)

Check Access:

20 [mod_authz_core.c](#)

Check Access (legacy):

-10 [mod_perl.c](#)

10 [mod_access_compat.c](#)

Verify User ID:

-10 [mod_perl.c](#)

10 [mod_auth_basic.c](#)

20 [mod_authn_core.c](#)

Note Authentication Failure:

10 [mod_auth_basic.c](#)

Verify User Access:

-10 [mod_perl.c](#)

20 [mod_authz_core.c](#)

Check Type:

-10 [mod_perl.c](#)

00 [mod_negotiation.c](#)

10 [mod_mime.c](#)

30 [core.c](#)

Fixups:

-10 [core.c](#)

-10 [mod_perl.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](#)

20 [mod_perl.c](#)

20 [mod_perl.c](#)

Content Handlers:

-10 [core.c](#)

10 [mod_autoindex.c](#)

10 [mod_info.c](#)

10 [mod_negotiation.c](#)

10 [mod_perl.c](#)

10 [mod_perl.c](#)

10 [mod_status.c](#)

30 [core.c](#)

Transaction Logging:

-10 [mod_perl.c](#)

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

RegexDefaultOptions - default options for regexes (prefixed by '+' to add, '-' to del)

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*
 MergeSlashes - *Controls whether consecutive slashes in the URI path are merged*

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_apreq2.c](#)

Content handlers: none

Configuration Phase Participation: Create Directory Config, Merge Directory Configs

Request Phase Participation: none

Module Directives:

APREQ2_TempDir - *Default location of temporary directory*
APREQ2_ReadLimit - *Maximum amount of data that will be fed into a parser.*
APREQ2_BrigadeLimit - *Maximum in-memory bytes a brigade may use.*

Current Configuration:

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:

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: <Directory "/usr/share/apache2/icons">

19: Require all granted

 : </Directory>

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

7: <Location /server-info>

9: Require local

10: Require ip 192.0.2.0/24

 : </Location>

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

6: <Location /server-status>

8: Require local

9: Require ip 192.0.2.0/24

 : </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_auth_host.c](#)

Content handlers: *none*

Configuration Phase Participation: *none*

Request Phase Participation: *none*

Module Directives: *none*

Module Name: [mod_auth_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 .vrm .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
```

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:

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_perl.c](#)

Content handlers: *yes*

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

Request Phase Participation: Pre-Connection, Process Connection, Create Request, Post-Read Request, Header Parse, Translate Name, Map to Storage, Check Access (legacy), Verify User ID, Verify User Access, Check Type, Fixups, Insert Filters, Content Handlers, Transaction Logging

Module Directives:

PerlSwitches - *Perl Switches*

PerlModule - *PerlModule*

PerlRequire - *PerlRequire*

PerlConfigRequire - *PerlConfigRequire*

PerlPostConfigRequire - *PerlPostConfigRequire*

PerlAddAuthzProvider - *PerlAddAuthzProvider*

PerlAddAuthnProvider - *PerlAddAuthnProvider*

PerlOptions - *Perl Options*

PerlInitHandler - *Subroutine name*

PerlSetVar - *PerlSetVar*

PerlAddVar - *PerlAddVar*

PerlSetEnv - *PerlSetEnv*

PerlPassEnv - *PerlPassEnv*

<Perl> - *Perl Code*

Perl - *Perl Code*

PerlSetInputFilter - *filter[;filter]*

PerlSetOutputFilter - *filter[;filter]*

=pod - *Start of POD*

=back - *End of =over*

=cut - *End of POD*

__END__ - *Stop reading config*

PerlLoadModule - *A Perl module*

PerlInterpStart - *Number of Perl interpreters to start*
PerlInterpMax - *Max number of running Perl interpreters*
PerlInterpMaxSpare - *Max number of spare Perl interpreters*
PerlInterpMinSpare - *Min number of spare Perl interpreters*
PerlInterpMaxRequests - *Max number of requests per Perl interpreters*
PerlSendHeader - *Tell mod_perl to scan output for HTTP headers*
PerlSetupEnv - *Turn setup of %ENV On or Off*
PerlHandler - *Subroutine name*
PerlTaintCheck - *Turn on -T switch*
PerlWarn - *Turn on -w switch*
PerlProcessConnectionHandler - *Subroutine name*
PerlOpenLogsHandler - *Subroutine name*
PerlPostConfigHandler - *Subroutine name*
PerlHeaderParserHandler - *Subroutine name*
PerlAccessHandler - *Subroutine name*
PerlAuthenHandler - *Subroutine name*
PerlAuthzHandler - *Subroutine name*
PerlTypeHandler - *Subroutine name*
PerlFixupHandler - *Subroutine name*
PerlResponseHandler - *Subroutine name*
PerlLogHandler - *Subroutine name*
PerlCleanupHandler - *Subroutine name*
PerlInputFilterHandler - *Subroutine name*
PerlOutputFilterHandler - *Subroutine name*
PerlPostReadRequestHandler - *Subroutine name*
PerlTransHandler - *Subroutine name*
PerlMapToStorageHandler - *Subroutine name*
PerlPreConnectionHandler - *Subroutine name*
PerlChildInitHandler - *Subroutine name*
PerlChildExitHandler - *Subroutine name*

Current Configuration:

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 40

In file: /etc/apache2/ports.conf

5: Listen 80

Apache/2.4.18 (Ubuntu) Server at math.usm.edu Port 80