



## ***Rocky Enterprise Linux 9.2 Manual Pages on command 'apache2.8'***

**C:\>man apache2.8**

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### NAME

apache2 - Apache Hypertext Transfer Protocol Server

### SYNOPSIS

```
apache2 [ -d serverroot ] [ -f config ] [ -C directive ] [ -c directive ] [ -D pa?
rameter ] [ -e level ] [ -E file ] [ -k start|restart|graceful|stop|graceful-stop ]
[ -R directory ] [ -h ] [ -l ] [ -L ] [ -S ] [ -t ] [ -v ] [ -V ] [ -X ] [ -M ]
```

### SUMMARY

apache2 is the Apache HyperText Transfer Protocol (HTTP) server program. It is de? signed to be run as a standalone daemon process. When used like this it will create a pool of child processes or threads to handle requests.

In general, apache2 should not be invoked directly, but rather should be invoked via /etc/init.d/apache2 or apache2ctl. The default Debian configuration requires environment variables that are defined in /etc/apache2/envvars and are not avail? able if apache2 is started directly. However, apache2ctl can be used to pass arbi? trary arguments to apache2.

### DOCUMENTATION

The full documentation is available in the apache2-doc package or at <http://httpd.apache.org/docs/2.2/> . Information about Debian specific changes and configuration can be found in /usr/share/doc/apache2/README.Debian.gz .

### OPTIONS

-d serverroot

Set the initial value for the ServerRoot directive to serverroot. This can be overridden by the ServerRoot directive in the configuration file.

**-f config**

Uses the directives in the file config on startup. If config does not begin with a /, then it is taken to be a path relative to the ServerRoot. The default is /etc/apache2/apache2.conf.

**-k start|restart|graceful|stop|graceful-stop**

Signals apache2 to start, restart, or stop. See Stopping Apache for more information.

**-C directive**

Process the configuration directive before reading config files.

**-c directive**

Process the configuration directive after reading config files.

**-D parameter**

Sets a configuration parameter which can be used with <IfDefine> sections in the configuration files to conditionally skip or process commands at server startup and restart.

**-e level**

Sets the LogLevel to level during server startup. This is useful for temporarily increasing the verbosity of the error messages to find problems during startup.

**-E file**

Send error messages during server startup to file.

**-R directory**

When the server is compiled using the SHARED\_CORE rule, this specifies the directory for the shared object files.

**-h** Output a short summary of available command line options.

**-l** Output a list of modules compiled into the server. This will not list dynamically loaded modules included using the LoadModule directive.

**-L** Output a list of directives together with expected arguments and places where the directive is valid.

**-M** Dump a list of loaded Static and Shared Modules.

**-S** Show the settings as parsed from the config file (currently only shows the

virtualhost settings).

- t Run syntax tests for configuration files only. The program immediately exits after these syntax parsing tests with either a return code of 0 (Syntax OK) or return code not equal to 0 (Syntax Error). If -D DUMP\_VHOSTS is also set, details of the virtual host configuration will be printed. If -D DUMP\_MODULES is set, all loaded modules will be printed.
- v Print the version of apache2, and then exit.
- V Print the version and build parameters of apache2, and then exit.
- X Run apache2 in debug mode. Only one worker will be started and the server will not detach from the console.

#### SEE ALSO

apache2ctl(8), /usr/share/doc/apache2/README.Debian.gz

Apache HTTP Server

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