NAME

httpd - Apache Hypertext Transfer Protocol Server

SYNOPSIS

httpd [-**d** *serverroot*] [-**f** *config*] [-**C** *directive*] [-**c** *directive*] [-**D** *parameter*] [-**e** *level*] [-**E** *file*] [-**k** start|restart|graceful|stop|graceful-stop] [-**h**] [-**l**] [-**L**] [-**S**] [-**t**] [-**v**] [-**V**] [-**X**] [-**M**] [-**T**]

On Windows systems, the following additional arguments are available:

httpd [-**k** install|config|uninstall] [-**n** *name*] [-**w**]

SUMMARY

httpd is the Apache HyperText Transfer Protocol (HTTP) server program. It is designed 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, **httpd** should not be invoked directly, but rather should be invoked via apachectl on Unix-based systems or as a service on Windows NT, 2000 and XP and as a console application on Windows 9x and ME.

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. The default is **/usr/local/apache2**.

-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 **conf/httpd.conf**.

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

Signals **httpd** to start, restart, or stop. See Stopping Apache httpd 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. Also can be used to set certain less-common startup parameters including **-DNO_DETACH** (prevent the parent from forking) and **-DFOREGROUND** (prevent the parent from calling **setsid()** et al).

-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*.

-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 provided by static modules, together with expected arguments and places where the directive is valid. Directives provided by shared modules are not listed.

-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 (Available in 2.3.8 and later)

    Skip document root check at startup/restart.

-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 **httpd**, and then exit.

-V   Print the version and build parameters of **httpd**, and then exit.

-X   Run httpd in debug mode. Only one worker will be started and the server will not detach from the console.

The following arguments are available only on the Windows platform:

-k install|config|uninstall
    Install Apache httpd as a Windows NT service; change startup options for the Apache httpd service; and uninstall the Apache httpd service.

-n *name*
    The *name* of the Apache httpd service to signal.

-w   Keep the console window open on error so that the error message can be read.