Apache Module mod_status

Description:	Provides information on server activity and performance
Status:	Base
Module Identifier:	status_module
Source File:	mod_status.c

Summary

Warning: This document has not been updated to take into account changes made in the 2.0 version of the Apache HTTP Server. Some of the information may still be relevant, but please use it with care.

The Status module allows a server administrator to find out how well their server is performing. A HTML page is presented that gives the current server statistics in an easily readable form. If required this page can be made to automatically refresh (given a compatible browser). Another page gives a simple machine-readable list of the current server state.

The details given are:

- The number of children serving requests
- The number of idle children
- The status of each child, the number of requests that child has performed and the total number of bytes served by the child (*)
- A total number of accesses and byte count served (*)
- The time the server was started/restarted and the time it has been running for
- Averages giving the number of requests per second, the number of bytes served per second and the average number of bytes per request (*)
- The current percentage CPU used by each child and in total by Apache (*)
- The current hosts and requests being processed (*)

A compile-time option must be used to display the details marked "(*)" as the instrumentation required for obtaining these statistics does not exist within standard Apache.

Topics

Directives

Enabling Status Support

To enable status reports only for browsers from the foo.com domain add this code to your `httpd.conf` configuration file

```
<Location /server-status>
```

Apache Module mod_status

```
SetHandler server-status

Order Deny,Allow
Deny from all
Allow from .foo.com
</Location>
```

You can now access server statistics by using a Web browser to access the page `http://your.server.name/server-status`

Note that `mod_status` will only work when you are running Apache in standalone[1] mode and not inetd[1] mode.

Automatic Updates

You can get the status page to update itself automatically if you have a browser that supports "refresh". Access the page `http://your.server.name/server-status?refresh=N` to refresh the page every N seconds.

Machine Readable Status File

A machine-readable version of the status file is available by accessing the page `http://your.server.name/server-status?auto`. This is useful when automatically run, see the Perl program in the `/support` directory of Apache, `log_server_status`.

It should be noted that if `mod_status` is compiled into the server, its handler capability is available in *all* configuration files, including *per*-directory files (*e.g.*, `.htaccess`). This may have security-related ramifications for your site.

ExtendedStatus Directive

Description:	Keep track of extended status information for each request
Syntax:	`ExtendedStatus On|Off`
Default:	`ExtendedStatus Off`
Context:	server config
Status:	Base
Module:	mod_status
Compatibility:	ExtendedStatus is only available in Apache 1.3.2 and later.

This setting applies to the entire server, and cannot be enabled or disabled on a virtualhost-by-virtualhost basis. The collection of extended status information can slow down the server.

URI References

[1] http://httpd.apache.org/docs-2.1/mod/core.html#servertype