

Apache Module `mod_logio`

Description:	Logging of input and output bytes per request
Status:	Base
Module Identifier:	<code>logio_module</code>
Source File:	<code>mod_logio.c</code>

Summary

This module provides the logging of input and output number of bytes received/sent per request. The numbers reflect the actual bytes as received on the network, which then takes into account the headers and bodies of requests and responses. The counting is done before SSL/TLS on input and after SSL/TLS on output, so the numbers will correctly reflect any changes made by encryption.

This module requires `mod_log_config`.

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Directives

This module provides no directives.

See also

- `mod_log_config`
- Apache Log Files¹

Custom Log Formats

This modules adds two new logging directives. The characteristics of the request itself are logged by placing "%" directives in the format string, which are replaced in the log file by the values as follows:

Format String	Description
<code>%. . . I</code>	Bytes received, including request and headers, cannot be zero.
<code>%. . . O</code>	Bytes sent, including headers, cannot be zero.

Usually, the functionality is used like this:

Combined I/O log format:

```
"%h %l %u %t \"%r\" %>s %b \"%{Referer}i\" \"%{User-agent}i\" %I %O"
```

URI References

[1] <http://httpd.apache.org/docs-2.1/logs.html>