

Apache Module mod_actions

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|---------------------------|---|
| Description: | This module provides for executing CGI scripts based on media type or request method. |
| Status: | Base |
| Module Identifier: | actions_module |
| Source File: | mod_actions.c |

Summary

This module has two directives. The `Action` directive lets you run CGI scripts whenever a file of a certain type is requested. The `Script` directive lets you run CGI scripts whenever a particular method is used in a request. This makes it much easier to execute scripts that process files.

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See also

- [mod_cgi](#)
- [Dynamic Content with CGI¹](#)
- [Apache's Handler Use²](#)

Action Directive

| | |
|---------------------|---|
| Description: | Activates a CGI script for a particular handler or content-type |
| Syntax: | Action <i>action-type</i> <i>cgi-script</i> |
| Context: | server config, virtual host, directory, .htaccess |
| Override: | FileInfo |
| Status: | Base |
| Module: | mod_actions |

This directive adds an action, which will activate *cgi-script* when *action-type* is triggered by the request. The *cgi-script* is the URL-path to a resource that has been designated as a CGI script using `ScriptAlias` or `AddHandler`. The *action-type* can be either a handler² or a MIME content type. It sends the URL and file path of the requested document using the standard CGI `PATH_INFO` and `PATH_TRANSLATED` environment variables.

Examples

```
# Requests for files of a particular type:
Action image/gif /cgi-bin/images.cgi

# Files of a particular file extension
AddHandler my-file-type .xyz
Action my-file-type /cgi-bin/program.cgi
```

In the first example, requests for files with a MIME content type of `image/gif` will instead be handled by the specified `cgi` script `/cgi-bin/images.cgi`.

In the second example, requests for files with a file extension of `.xyz` are handled instead by the specified cgi script `/cgi-bin/program.cgi`.

See also

- [AddHandler](#)

Script Directive

| | |
|---------------------|---|
| Description: | Activates a CGI script for a particular request method. |
| Syntax: | <code>Script method cgi-script</code> |
| Context: | server config, virtual host, directory |
| Status: | Base |
| Module: | mod_actions |

This directive adds an action, which will activate *cgi-script* when a file is requested using the method of *method*. The *cgi-script* is the URL-path to a resource that has been designated as a CGI script using [ScriptAlias](#) or [AddHandler](#). The URL and file path of the requested document is sent using the standard CGI `PATH_INFO` and `PATH_TRANSLATED` environment variables.

Any arbitrary method name may be used. **Method names are case-sensitive**, so `Script PUT` and `Script put` have two entirely different effects.

Note that the `Script` command defines default actions only. If a CGI script is called, or some other resource that is capable of handling the requested method internally, it will do so. Also note that `Script` with a method of `GET` will only be called if there are query arguments present (*e.g.*, `foo.html?hi`). Otherwise, the request will proceed normally.

Examples

```
# For <ISINDEX>-style searching
Script GET /cgi-bin/search

# A CGI PUT handler
Script PUT /~bob/put.cgi
```

URI References

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

[2] <http://httpd.apache.org/docs-2.1/handler.html>