Apache Module mod_dir

Description:	Provides for "trailing slash" redirects and serving directory index files
Status:	Base
Module Identifier:	dir_module
Source File:	mod_dir.c

Summary

The index of a directory can come from one of two sources:

- A file written by the user, typically called `index.html`. The `DirectoryIndex` directive sets the name of this file. This is controlled by `mod_dir`.

- Otherwise, a listing generated by the server. This is provided by `mod_autoindex`.

The two functions are separated so that you can completely remove (or replace) automatic index generation should you want to.

A "trailing slash" redirect is issued when the server receives a request for a URL `http://servername/foo/dirname` where `dirname` is a directory. Directories require a trailing slash, so `mod_dir` issues a redirect to `http://servername/foo/dirname/`.

Directives

DirectoryIndex Directive

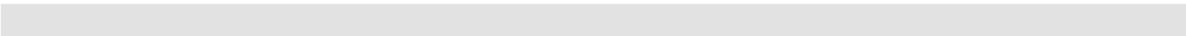|	
Description:	List of resources to look for when the client requests a directory
Syntax:	DirectoryIndex *local-url* [*local-url*] ...
Default:	DirectoryIndex index.html
Context:	server config, virtual host, directory, .htaccess
Override:	Indexes
Status:	Base
Module:	mod_dir

The `DirectoryIndex` directive sets the list of resources to look for, when the client requests an index of the directory by specifying a / at the end of the a directory name. *Local-url* is the (%-encoded) URL of a document on the server relative to the requested directory; it is usually the name of a file in the directory. Several URLs may be given, in which case the server will return the first one that it finds. If none of the resources exist and the `Indexes` option is set, the server will generate its own listing of the directory.

> **Example**
> ```
> DirectoryIndex index.html
> ```

then a request for `http://myserver/docs/` would return `http://myserver/docs/index.html` if it exists, or would list the directory if it did not.

Note that the documents do not need to be relative to the directory;

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```
DirectoryIndex index.html index.txt /cgi-bin/index.pl
```

would cause the CGI script /cgi-bin/index.pl to be executed if neither index.html or index.txt existed in a directory.