

NAME

CURLOPT_FTP_FILEMETHOD – select directory traversing method for FTP

SYNOPSIS

```
#include <curl/curl.h>
```

```
CURLcode curl_easy_setopt(CURL *handle, CURLOPT_FTP_FILEMETHOD,  
                           long method);
```

DESCRIPTION

Pass a long telling libcurl which *method* to use to reach a file on a FTP(S) server.

This option exists because some server implementations are not compliant to what the standards say should work.

The argument should be one of the following alternatives:

CURLFTPMETHOD_MULTICWD

libcurl does a single CWD operation for each path part in the given URL. For deep hierarchies this means many commands. This is how RFC 1738 says it should be done. This is the default but the slowest behavior.

CURLFTPMETHOD_NOCWD

libcurl makes no CWD at all. libcurl does SIZE, RETR, STOR etc and gives a full path to the server for all these commands. This is the fastest behavior since it skips having to change directories.

CURLFTPMETHOD_SINGLECWD

libcurl does one CWD with the full target directory and then operates on the file &"normally" (like in the multicwd case). This is somewhat more standards compliant than 'nocwd' but without the full penalty of 'multicwd'.

DEFAULT

CURLFTPMETHOD_MULTICWD

PROTOCOLS

This functionality affects ftp only

EXAMPLE

```
int main(void)
{
    CURL *curl = curl_easy_init();
    if(curl) {
        CURLcode result;
        curl_easy_setopt(curl, CURLOPT_URL, "ftp://example.com/1/2/3/4/new.txt");
        curl_easy_setopt(curl, CURLOPT_FTP_FILEMETHOD, CURLFTPMETHOD_SINGLECWD);

        result = curl_easy_perform(curl);

        curl_easy_cleanup(curl);
    }
}
```

HISTORY

CURLFTPMETHOD_* enums became *long* types in 8.16.0, prior to this version a *long* cast was necessary when passed to *curl_easy_setopt(3)*.

AVAILABILITY

Added in curl 7.15.1

RETURN VALUE

curl_easy_setopt(3) returns a CURLcode indicating success or error.

CURLE_OK (0) means everything was OK, non-zero means an error occurred, see *libcurl-errors(3)*.

SEE ALSO

CURLOPT_DIRLISTONLY(3), CURLOPT_FTP_SKIP_PASV_IP(3)