

**NAME**

CURLOPT\_INFILESIZE\_LARGE – size of the input file to send off

**SYNOPSIS**

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

```
CURLcode curl_easy_setopt(CURL *handle, CURLOPT_INFILESIZE_LARGE,  
                           curl_off_t filesize);
```

**DESCRIPTION**

When uploading a file to a remote site, *filesize* should be used to tell libcurl what the expected size of the input file is. This value must be passed as a **curl\_off\_t**.

For uploading using SCP, this option or *CURLOPT\_INFILESIZE(3)* is mandatory.

To unset this value again, set it to `-1`.

When sending emails using SMTP, this command can be used to specify the optional SIZE parameter for the MAIL FROM command.

This option does not limit how much data libcurl actually sends, as that is controlled entirely by what the read callback returns, but telling one value and sending a different amount may lead to errors.

**DEFAULT**

Unset

**PROTOCOLS**

This functionality affects all supported protocols

**EXAMPLE**

```
#define FILE_SIZE 123456  
  
int main(void)  
{  
    CURL *curl = curl_easy_init();  
    if(curl) {  
        CURLcode result;  
        curl_off_t uploadsize = FILE_SIZE;  
  
        curl_easy_setopt(curl, CURLOPT_URL,  
                        "ftp://example.com/destination.tar.gz");  
  
        curl_easy_setopt(curl, CURLOPT_UPLOAD, 1L);  
  
        curl_easy_setopt(curl, CURLOPT_INFILESIZE_LARGE, uploadsize);  
  
        result = curl_easy_perform(curl);  
        curl_easy_cleanup(curl);  
    }  
}
```

**HISTORY**

SMTP support added in 7.23.0

**AVAILABILITY**

Added in curl 7.11.0

**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**

**CURLINFO\_CONTENT\_LENGTH\_UPLOAD\_T(3), CURLOPT\_INFILESIZE(3), CURLOPT\_UPLOAD(3)**