

**NAME**

CURLINFO\_SIZE\_DOWNLOAD – number of downloaded bytes

**SYNOPSIS**

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

```
CURLcode curl_easy_getinfo(CURL *handle, CURLINFO_SIZE_DOWNLOAD, double *dlp);
```

**DESCRIPTION**

Pass a pointer to a double to receive the total amount of bytes that were downloaded. The amount is only for the latest transfer and gets reset again for each new transfer. This counts actual payload data, what's also commonly called body. All meta and header data is excluded and not included in this number.

*CURLINFO\_SIZE\_DOWNLOAD\_T(3)* is a newer replacement that returns a more sensible variable type.

**PROTOCOLS**

This functionality affects all supported protocols

**EXAMPLE**

```
int main(void)
{
    CURL *curl = curl_easy_init();
    if(curl) {
        CURLcode result;
        curl_easy_setopt(curl, CURLOPT_URL, "https://example.com");

        /* Perform the request */
        result = curl_easy_perform(curl);

        if(result == CURLE_OK) {
            /* check the size */
            double dl;
            result = curl_easy_getinfo(curl, CURLINFO_SIZE_DOWNLOAD, &dl);
            if(result == CURLE_OK) {
                printf("Downloaded %.0f bytes\n", dl);
            }
        }
    }
}
```

**DEPRECATED**

Deprecated since 7.55.0.

**AVAILABILITY**

Added in curl 7.4.1

**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**

**CURLINFO\_SIZE\_DOWNLOAD\_T(3), CURLINFO\_SIZE\_UPLOAD\_T(3), CURLOPT\_MAXFILESIZE(3), curl\_easy\_getinfo(3), curl\_easy\_setopt(3)**