

NAME

CURLINFO_SPEED_DOWNLOAD – download speed

SYNOPSIS

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

```
CURLcode curl_easy_getinfo(CURL *handle, CURLINFO_SPEED_DOWNLOAD,  
                           double *speed);
```

DESCRIPTION

Pass a pointer to a double to receive the average download speed that curl measured for the complete download. Measured in bytes/second.

CURLINFO_SPEED_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) {  
            double speed;  
            result = curl_easy_getinfo(curl, CURLINFO_SPEED_DOWNLOAD, &speed);  
            if(result == CURLE_OK) {  
                printf("Download speed %.0f bytes/sec\n", speed);  
            }  
        }  
    }  
}
```

DEPRECATED

Deprecated since 7.55.0.

AVAILABILITY

Added in curl 7.4.1

RETURN VALUE

curl_easy_getinfo(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_UPLOAD_T(3), **CURLINFO_SPEED_UPLOAD(3),** **curl_easy_getinfo(3),**
curl_easy_setopt(3)