

NAME

CURLINFO_REDIRECT_TIME – time for all redirection steps

SYNOPSIS

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

```
CURLcode curl_easy_getinfo(CURL *handle, CURLINFO_REDIRECT_TIME,  
                           double *timep);
```

DESCRIPTION

Pass a pointer to a double to receive the total time, in seconds, it took for all redirection steps include name lookup, connect, pretransfer and transfer before final transaction was started. *CURLINFO_REDIRECT_TIME(3)* contains the complete execution time for multiple redirections.

See also the TIMES overview in the *curl_easy_getinfo(3)* man page.

PROTOCOLS

This functionality affects http only

EXAMPLE

```
int main(void)  
{  
    CURL *curl = curl_easy_init();  
    if(curl) {  
        CURLcode result;  
        double redirect;  
        curl_easy_setopt(curl, CURLOPT_URL, "https://example.com");  
        result = curl_easy_perform(curl);  
        if(result == CURLE_OK) {  
            result = curl_easy_getinfo(curl, CURLINFO_REDIRECT_TIME, &redirect);  
            if(result == CURLE_OK) {  
                printf("Time: %.1f", redirect);  
            }  
        }  
        /* always cleanup */  
        curl_easy_cleanup(curl);  
    }  
}
```

AVAILABILITY

Added in curl 7.9.7

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_REDIRECT_COUNT(3), CURLINFO_REDIRECT_TIME_T(3), CURLINFO_REDIRECT_URL(3), curl_easy_getinfo(3), curl_easy_setopt(3)