

**NAME**

CURLOPT\_POSTREDIR – how to act on a HTTP POST redirect

**SYNOPSIS**

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

```
CURLcode curl_easy_setopt(CURL *handle, CURLOPT_POSTREDIR,  
                           long bitmask);
```

**DESCRIPTION**

Pass a bitmask to control how libcurl acts on redirects after POSTs that get a 301, 302 or 303 response back. A parameter with bit 0 set (value **CURL\_REDIR\_POST\_301**) tells the library to respect RFC 7231 (section 6.4.2 to 6.4.4) and not convert POST requests into GET requests when following a 301 redirection. Setting bit 1 (value **CURL\_REDIR\_POST\_302**) makes libcurl maintain the request method after a 302 redirect whilst setting bit 2 (value **CURL\_REDIR\_POST\_303**) makes libcurl maintain the request method after a 303 redirect. The value **CURL\_REDIR\_POST\_ALL** is a convenience define that sets all three bits.

The non-RFC behaviour is ubiquitous in web browsers, so the library does the conversion by default to maintain consistency. However, a server may require a POST to remain a POST after such a redirection. This option is meaningful only when setting *CURLOPT\_FOLLOWLOCATION(3)*.

**DEFAULT**

0

**PROTOCOLS**

HTTP(S)

**EXAMPLE**

```
CURL *curl = curl_easy_init();  
if(curl) {  
    curl_easy_setopt(curl, CURLOPT_URL, "http://example.com");  
  
    /* a silly POST example */  
    curl_easy_setopt(curl, CURLOPT_POSTFIELDS, "data=true");  
  
    /* example.com is redirected, so we tell libcurl to send POST on 301, 302 and  
       303 HTTP response codes */  
    curl_easy_setopt(curl, CURLOPT_POSTREDIR, CURL_REDIR_POST_ALL);  
  
    curl_easy_perform(curl);  
}
```

**AVAILABILITY**

Added in 7.17.1. This option was known as CURLOPT\_POST301 up to 7.19.0 as it only supported the 301 then. CURL\_REDIR\_POST\_303 was added in 7.26.0.

**RETURN VALUE**

Returns CURLE\_OK if the option is supported, and CURLE\_UNKNOWN\_OPTION if not.

**SEE ALSO**

*CURLOPT\_FOLLOWLOCATION(3)*, *CURLOPT\_POSTFIELDS(3)*,