

NAME

CURLOPT_PROXYAUTH – HTTP proxy authentication methods

SYNOPSIS

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

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

DESCRIPTION

Pass a long as parameter, which is set to a bitmask, to tell libcurl which HTTP authentication method(s) you want it to use for your proxy authentication. If more than one bit is set, libcurl first queries the site to see what authentication methods it supports and then it picks the best one you allow it to use. For some methods, this induces an extra network round-trip. Set the actual name and password with the *CURLOPT_PROXYUSERPWD(3)* option.

The bitmask can be constructed by the bits listed and described in the *CURLOPT_HTTPAUTH(3)* man page.

DEFAULT

CURLAUTH_BASIC

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/");
        /* use this proxy */
        curl_easy_setopt(curl, CURLOPT_PROXY, "http://local.example.com:1080");
        /* allow whatever auth the proxy speaks */
        curl_easy_setopt(curl, CURLOPT_PROXYAUTH, CURLAUTH_ANY);
        /* set the proxy credentials */
        curl_easy_setopt(curl, CURLOPT_PROXYUSERPWD, "james:007");
        result = curl_easy_perform(curl);
        curl_easy_cleanup(curl);
    }
}
```

HISTORY

CURLAUTH_* macros became *long* types in 7.26.0, prior to this version a *long* cast was necessary when passed to *curl_easy_setopt(3)*.

AVAILABILITY

Added in curl 7.10.7

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

CURLOPT_HTTPAUTH(3), CURLOPT_PROXY(3), CURLOPT_PROXYPORT(3), CURLOPT_PROXYTYPE(3), CURLOPT_PROXYUSERPWD(3)