

NAME

CURLINFO_PROXYAUTH_USED – HTTP proxy authentication method

SYNOPSIS

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

```
CURLcode curl_easy_getinfo(CURL *handle, CURLINFO_PROXYAUTH_USED, long *authp);
```

DESCRIPTION

Pass a pointer to a long to receive a bitmask indicating the authentication method that was used in the previous request done over an HTTP proxy. The meaning of the possible bits is explained in the *CURLOPT_HTTPAUTH(3)* option for *curl_easy_setopt(3)*.

The returned value has zero or one bit set.

PROTOCOLS

This functionality affects http only

EXAMPLE

```
int main(void)
{
    CURL *curl = curl_easy_init();
    if(curl) {
        CURLcode result;
        curl_easy_setopt(curl, CURLOPT_URL, "https://example.com");
        curl_easy_setopt(curl, CURLOPT_PROXY, "http://proxy.example");
        curl_easy_setopt(curl, CURLOPT_PROXYAUTH,
                        CURLAUTH_BASIC | CURLAUTH_DIGEST);
        curl_easy_setopt(curl, CURLOPT_PROXYUSERNAME, "shrek");
        curl_easy_setopt(curl, CURLOPT_PROXYPASSWORD, "swamp");

        result = curl_easy_perform(curl);

        if(result == CURLE_OK) {
            long auth;
            result = curl_easy_getinfo(curl, CURLINFO_PROXYAUTH_USED, &auth);
            if(result == CURLE_OK) {
                if(!auth)
                    printf("No auth used\n");
                else {
                    if(auth == CURLAUTH_DIGEST)
                        printf("Used Digest proxy authentication\n");
                    else
                        printf("Used Basic proxy authentication\n");
                }
            }
        }
        curl_easy_cleanup(curl);
    }
}
```

AVAILABILITY

Added in curl 8.12.0

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_HTTPAUTH_USED**(3),
CURLOPT_HTTPAUTH(3)**CURLINFO_PROXYAUTH_AVAIL**(3),**CUR-**