

NAME

CURLOPT_XOAUTH2_BEARER – OAuth 2.0 access token

SYNOPSIS

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

```
CURLcode curl_easy_setopt(CURL *handle, CURLOPT_XOAUTH2_BEARER, char *token);
```

DESCRIPTION

Pass a char pointer as parameter, which should point to the null-terminated OAuth 2.0 Bearer Access Token for use with HTTP, IMAP, LDAP, POP3 and SMTP servers that support the OAuth 2.0 Authorization Framework.

Note: For IMAP, LDAP, POP3 and SMTP, the username used to generate the Bearer Token should be supplied via the *CURLOPT_USERNAME(3)* option.

The application does not have to keep the string around after setting this option.

Using this option multiple times makes the last set string override the previous ones. Set it to NULL to disable its use again.

DEFAULT

NULL

PROTOCOLS

This functionality affects http, imap, ldap, pop3 and smtp

EXAMPLE

```
int main(void)
{
    CURL *curl = curl_easy_init();
    if(curl) {
        CURLcode result;
        curl_easy_setopt(curl, CURLOPT_URL, "pop3://example.com/");
        curl_easy_setopt(curl, CURLOPT_XOAUTH2_BEARER, "1ab9cb22bf269a7");
        result = curl_easy_perform(curl);
        curl_easy_cleanup(curl);
    }
}
```

HISTORY

Support for OpenLDAP added in 7.82.0.

AVAILABILITY

Added in curl 7.33.0

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_MAIL_AUTH(3), *CURLOPT_USERNAME(3)*