

NAME

CURLOPT_PREREQDATA – pointer passed to the pre-request callback

SYNOPSIS

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

```
CURLcode curl_easy_setopt(CURL *handle, CURLOPT_PREREQDATA, void *pointer);
```

DESCRIPTION

Pass a *pointer* that is untouched by libcurl and passed as the first argument in the pre-request callback set with *CURLOPT_PREREQFUNCTION(3)*.

DEFAULT

NULL

PROTOCOLS

This functionality affects all supported protocols

EXAMPLE

```
struct priv {
    void *custom;
};

static int prereq_callback(void *clientp,
                           char *conn_primary_ip,
                           char *conn_local_ip,
                           int conn_primary_port,
                           int conn_local_port)
{
    printf("Connection made to %s:%d\n", conn_primary_ip, conn_primary_port);
    return CURL_PREREQFUNC_OK;
}

int main(void)
{
    struct priv prereq_data;
    CURL *curl = curl_easy_init();
    if(curl) {
        CURLcode result;
        curl_easy_setopt(curl, CURLOPT_PREREQFUNCTION, prereq_callback);
        curl_easy_setopt(curl, CURLOPT_PREREQDATA, &prereq_data);
        result = curl_easy_perform(curl);
        curl_easy_cleanup(curl);
    }
}
```

AVAILABILITY

Added in curl 7.80.0

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

CURLINFO_PRIMARY_IP(3), **CURLINFO_PRIMARY_PORT(3)**, **CURLOPT_PREREQFUNCTION(3)**