

NAME

CURLOPT_IOCTLDATA – pointer passed to I/O callback

SYNOPSIS

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

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

DESCRIPTION

Pass the *pointer* that is untouched by libcurl and passed as the 3rd argument in the ioctl callback set with *CURLOPT_IOCTLFUNCTION(3)*.

DEFAULT

NULL

PROTOCOLS

This functionality affects all supported protocols

EXAMPLE

```
#include <unistd.h> /* for lseek */

struct data {
    int fd; /* our file descriptor */
};

static curlioerr ioctl_callback(CURL *handle, int cmd, void *clientp)
{
    struct data *io = (struct data *)clientp;
    if(cmd == CURLIOCMD_RESTARTREAD) {
        lseek(io->fd, 0, SEEK_SET);
        return CURLIOE_OK;
    }
    return CURLIOE_UNKNOWNCMD;
}

int main(void)
{
    struct data ioctl_data;
    CURL *curl = curl_easy_init();
    if(curl) {
        curl_easy_setopt(curl, CURLOPT_IOCTLFUNCTION, ioctl_callback);
        curl_easy_setopt(curl, CURLOPT_IOCTLDATA, &ioctl_data);
    }
}
```

DEPRECATED

Deprecated since 7.18.0.

AVAILABILITY

Added in curl 7.12.3

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_IOCTLFUNCTION(3), *CURLOPT_SEEKFUNCTION(3)*