

NAME

CURLOPT_RTSP_STREAM_URI – RTSP stream URI

SYNOPSIS

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

```
CURLcode curl_easy_setopt(CURL *handle, CURLOPT_RTSP_STREAM_URI, char *URI);
```

DESCRIPTION

Set the stream *URI* to operate on by passing a char *. For example, a single session may be controlling *rtsp://foo/twister/audio* and *rtsp://foo/twister/video* and the application can switch to the appropriate stream using this option. If unset, libcurl defaults to operating on generic server options by passing '*' in the place of the RTSP Stream URI. This option is distinct from *CURLOPT_URL(3)*. When working with RTSP, the *CURLOPT_RTSP_STREAM_URI(3)* indicates what URL to send to the server in the request header while the *CURLOPT_URL(3)* indicates where to make the connection to. (e.g. the *CURLOPT_URL(3)* for the above examples might be set to *rtsp://foo/twister*

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

```
"*"
```

PROTOCOLS

This functionality affects rtsp only

EXAMPLE

```
int main(void)
{
    CURL *curl = curl_easy_init();
    if(curl) {
        CURLcode result;
        curl_easy_setopt(curl, CURLOPT_URL, "rtsp://example.com/");
        curl_easy_setopt(curl, CURLOPT_RTSP_STREAM_URI,
                        "rtsp://foo.example.com/twister/video");
        result = curl_easy_perform(curl);
        curl_easy_cleanup(curl);
    }
}
```

AVAILABILITY

Added in curl 7.20.0

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_RTSP_REQUEST(3), *CURLOPT_RTSP_TRANSPORT(3)*