

## NAME

CURLOPT\_STREAM\_DEPENDS\_E – set stream this transfer depends on exclusively

## SYNOPSIS

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

```
CURLcode curl_easy_setopt(CURL *handle, CURLOPT_STREAM_DEPENDS_E, CURL *dephandle);
```

## DESCRIPTION

Pass a CURL \* pointer in *dephandle* to identify the stream within the same connection that this stream is depending upon exclusively. That means it depends on it and sets the Exclusive bit.

The spec says "Including a dependency expresses a preference to allocate resources to the identified stream rather than to the dependent stream."

Setting a dependency with the exclusive flag for a reprioritized stream causes all the dependencies of the new parent stream to become dependent on the reprioritized stream.

This option can be set during transfer.

*dephandle* must not be the same as *handle*, that will cause this function to return an error. It must be another easy handle, and it also needs to be a handle of a transfer that will be sent over the same HTTP/2 connection for this option to have an actual effect.

## DEFAULT

NULL

## PROTOCOLS

HTTP/2

## EXAMPLE

TODO

## AVAILABILITY

Added in 7.46.0

## RETURN VALUE

Returns CURLE\_OK if the option is supported, and CURLE\_UNKNOWN\_OPTION if not.

## SEE ALSO

CURLOPT\_STREAM\_WEIGHT(3), CURLOPT\_STREAM\_DEPENDS(3),