NAME

CURLOPT_USE_SSL − request using SSL / TLS for the transfer

SYNOPSIS

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

CURLcode curl_easy_setopt(CURL *handle, CURLOPT_USE_SSL, long level);
```

DESCRIPTION

Pass a long using one of the values from below, to make libcurl use your desired *level* of SSL for the transfer.

These are all protocols that start out plain text and get "upgraded" to SSL using the STARTTLS command.

This is for enabling SSL/TLS when you use FTP, SMTP, POP3, IMAP etc.

CURLUSESSL_NONE
: Don't attempt to use SSL.

CURLUSESSL_TRY
: Try using SSL, proceed as normal otherwise.

CURLUSESSL_CONTROL
: Require SSL for the control connection or fail with *CURLE_USE_SSL_FAILED*.

CURLUSESSL_ALL
: Require SSL for all communication or fail with *CURLE_USE_SSL_FAILED*.

DEFAULT

CURLUSESSL_NONE

PROTOCOLS

FTP, SMTP, POP3, IMAP

EXAMPLE

```
CURL *curl = curl_easy_init();
if(curl) {
  curl_easy_setopt(curl, CURLOPT_URL, "ftp://example.com/dir/file.ext");

  /* require use of SSL for this, or fail */
  curl_easy_setopt(curl, CURLOPT_USE_SSL, CURLUSESSL_ALL);

  /* Perform the request */
  curl_easy_perform(curl);
}
```

AVAILABILITY

Added in 7.11.0. This option was known as CURLOPT_FTP_SSL up to 7.16.4, and the constants were known as CURLFTPSSL_*

RETURN VALUE

Returns CURLE_OK if the option is supported, and CURLE_UNKNOWN_OPTION if not.

SEE ALSO

CURLOPT_SSLVERSION(3), **CURLOPT_SSL_OPTIONS**(3),