NAME

CURLOPT_SSL_FALSESTART – enable TLS false start

SYNOPSIS

#include <curl/curl.h>

CURLcode curl_easy_setopt(CURL *handle, CURLOPT_SSL_FALSESTART, long enable);

DESCRIPTION

Pass a long as parameter set to 1 to enable or 0 to disable.

This option determines whether libcurl should use false start during the TLS handshake. False start is a mode where a TLS client will start sending application data before verifying the server's Finished message, thus saving a round trip when performing a full handshake.

DEFAULT

0

PROTOCOLS

All TLS based protocols: HTTPS, FTPS, IMAPS, POP3S, SMTPS etc.

EXAMPLE

TODO

AVAILABILITY

Added in 7.42.0. This option is currently only supported by the NSS and Secure Transport (on iOS 7.0 or later, or OS X 10.9 or later) TLS backends.

RETURN VALUE

Returns CURLE_OK if false start is supported by the SSL backend, otherwise returns CURLE_NOT_BUILT_IN.