

**NAME**

CURLOPT\_SSL\_ENABLE\_ALPN – Application Layer Protocol Negotiation

**SYNOPSIS**

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

```
CURLcode curl_easy_setopt(CURL *handle, CURLOPT_SSL_ENABLE_ALPN, long npn);
```

**DESCRIPTION**

Pass a long as parameter, 0 or 1 where 1 is for enable and 0 for disable. This option enables/disables ALPN in the SSL handshake (if the SSL backend libcurl is built to use supports it), which can be used to negotiate http2.

**DEFAULT**

1, enabled

**PROTOCOLS**

This functionality affects all TLS based protocols: HTTPS, FTPS, IMAPS, POP3S, SMTPS etc.

All TLS backends support this option.

**EXAMPLE**

```
int main(void)
{
    CURL *curl = curl_easy_init();
    if(curl) {
        CURLcode result;
        curl_easy_setopt(curl, CURLOPT_URL, "https://example.com/");
        curl_easy_setopt(curl, CURLOPT_SSL_ENABLE_ALPN, 0L);
        result = curl_easy_perform(curl);
        curl_easy_cleanup(curl);
    }
}
```

**AVAILABILITY**

Added in curl 7.36.0

**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\_SSL\_ENABLE\_NPN(3), CURLOPT\_SSL\_OPTIONS(3)