

NAME

CURLOPT_SSLENGINE_DEFAULT – make SSL engine default

SYNOPSIS

#include <curl/curl.h>

CURLcode curl_easy_setopt(CURL *handle, CURLOPT_SSLENGINE_DEFAULT, long val);

DESCRIPTION

Pass a long set to 1 to make the already specified crypto engine the default for (asymmetric) crypto operations.

This option has no effect unless set after *CURLOPT_SSLENGINE(3)*.

DEFAULT

None

PROTOCOLS

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

This option works only with the following TLS backends: OpenSSL

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_SSLENGINE, "dynamic");
        curl_easy_setopt(curl, CURLOPT_SSLENGINE_DEFAULT, 1L);
        result = curl_easy_perform(curl);
        curl_easy_cleanup(curl);
    }
}
```

AVAILABILITY

Added in curl 7.9.3

RETURN VALUE

CURLE_OK – Engine set as default.

CURLE_SSL_ENGINE_SETFAILED – Engine could not be set as default.

CURLE_NOT_BUILT_IN – Option not built in, OpenSSL is not the SSL backend.

CURLE_UNKNOWN_OPTION – Option not recognized.

CURLE_OUT_OF_MEMORY – Insufficient heap space.

SEE ALSO

CURLOPT_SSLCERT(3), CURLOPT_SSLENGINE(3)