

NAME

CURLOPT_SSLKEYTYPE – set type of the private key file

SYNOPSIS

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

```
CURLcode curl_easy_setopt(CURL *handle, CURLOPT_SSLKEYTYPE, char *type);
```

DESCRIPTION

Pass a pointer to a zero terminated string as parameter. The string should be the format of your private key. Supported formats are "PEM", "DER" and "ENG".

The format "ENG" enables you to load the private key from a crypto engine. In this case *CURLOPT_SSLKEY(3)* is used as an identifier passed to the engine. You have to set the crypto engine with *CURLOPT_SSLENGINE(3)*. "DER" format key file currently does not work because of a bug in OpenSSL.

DEFAULT

"PEM"

PROTOCOLS

All TLS based protocols: HTTPS, FTPS, IMAPS, POP3, SMTPS etc.

EXAMPLE

TODO

AVAILABILITY

If built TLS enabled.

RETURN VALUE

Returns `CURLE_OK` if TLS is supported, `CURLE_UNKNOWN_OPTION` if not, or `CURLE_OUT_OF_MEMORY` if there was insufficient heap space.

SEE ALSO

CURLOPT_SSLKEY(3), **CURLOPT_SSLCERT(3)**,