

**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)*,