

**NAME**

SSL\_CONF\_CTX\_set\_flags, SSL\_CONF\_CTX\_clear\_flags - Set of clear SSL configuration context flags

**SYNOPSIS**

```
#include <openssl/ssl.h>
```

```
unsigned int SSL_CONF_CTX_set_flags(SSL_CONF_CTX *cctx, unsigned int flags);  
unsigned int SSL_CONF_CTX_clear_flags(SSL_CONF_CTX *cctx, unsigned int flags);
```

**DESCRIPTION**

The function *SSL\_CONF\_CTX\_set\_flags()* sets **flags** in the context **cctx**.

The function *SSL\_CONF\_CTX\_clear\_flags()* clears **flags** in the context **cctx**.

**NOTES**

The flags set affect how subsequent calls to *SSL\_CONF\_cmd()* or *SSL\_CONF\_argv()* behave.

Currently the following **flags** values are recognised:

SSL\_CONF\_FLAG\_CMDLINE, SSL\_CONF\_FLAG\_FILE

recognise options intended for command line or configuration file use. At least one of these flags must be set.

SSL\_CONF\_FLAG\_CLIENT, SSL\_CONF\_FLAG\_SERVER

recognise options intended for use in SSL/TLS clients or servers. One or both of these flags must be set.

SSL\_CONF\_FLAG\_CERTIFICATE

recognise certificate and private key options.

SSL\_CONF\_FLAG\_REQUIRE\_PRIVATE

If this option is set then if a private key is not specified for a certificate it will attempt to load a private key from the certificate file when *SSL\_CONF\_CTX\_finish()* is called. If a key cannot be loaded from the certificate file an error occurs.

SSL\_CONF\_FLAG\_SHOW\_ERRORS

indicate errors relating to unrecognised options or missing arguments in the error queue. If this option isn't set such errors are only reflected in the return values of *SSL\_CONF\_set\_cmd()* or *SSL\_CONF\_set\_argv()*

**RETURN VALUES**

*SSL\_CONF\_CTX\_set\_flags()* and *SSL\_CONF\_CTX\_clear\_flags()* returns the new flags value after setting or clearing flags.

**SEE ALSO**

[SSL\\_CONF\\_CTX\\_new\(3\)](#), [SSL\\_CONF\\_CTX\\_set\\_ssl\\_ctx\(3\)](#), [SSL\\_CONF\\_CTX\\_set1\\_prefix\(3\)](#),  
[SSL\\_CONF\\_cmd\(3\)](#), [SSL\\_CONF\\_cmd\\_argv\(3\)](#)

**HISTORY**

These functions were first added to OpenSSL 1.0.2

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