

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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