NAME

SSL_CONF_CTX_set_flags, SSL_CONF_CTX_clear_flags - Set or 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(7), **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 added in OpenSSL 1.0.2.

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