NAME

SSL_state_string, SSL_state_string_long - get textual description of state of an SSL object

SYNOPSIS

#include <openssl/ssl.h>

const char *SSL_state_string(const SSL *ssl);
const char *SSL_state_string_long(const SSL *ssl);

DESCRIPTION

SSL_state_string() returns an abbreviated string indicating the current state of the SSL object **ssl**. The returned NUL-terminated string contains 6 or fewer characters.

SSL_state_string_long() returns a descriptive string indicating the current state of the SSL object **ssl**.

NOTES

During its use, an SSL objects passes several states. The state is internally maintained. Querying the state information is not very informative before or when a connection has been established. It however can be of significant interest during the handshake.

When using nonblocking sockets, the function call performing the handshake may return with SSL_ERROR_WANT_READ or SSL_ERROR_WANT_WRITE condition, so that SSL_state_string[_long]() may be called.

For both blocking or nonblocking sockets, the details state information can be used within the info_callback function set with the **SSL_set_info_callback()** call.

RETURN VALUES

Detailed description of possible states to be included later.

SEE ALSO

ssl(7), **SSL_CTX_set_info_callback**(3)

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