NAME

SSL_rstate_string, SSL_rstate_string_long - get textual description of state of an SSL object during read operation

SYNOPSIS

#include <openssl/ssl.h>

const char *SSL_rstate_string(SSL *ssl);
const char *SSL_rstate_string_long(SSL *ssl);

DESCRIPTION

SSL_rstate_string() returns a 2 letter string indicating the current read state of the SSL object **ssl**.

SSL_rstate_string_long() returns a string indicating the current read state of the SSL object **ssl**.

NOTES

When performing a read operation, the SSL/TLS engine must parse the record, consisting of header and body. When working in a blocking environment, SSL_rstate_string[_long]() should always return "RD"/"read done".

This function should only seldom be needed in applications.

RETURN VALUES

SSL_rstate_string() and **SSL_rstate_string_long()** can return the following values:

"RH"/"read header"
    The header of the record is being evaluated.

"RB"/"read body"
    The body of the record is being evaluated.

"RD"/"read done"
    The record has been completely processed.

"unknown"/"unknown"
    The read state is unknown. This should never happen.

SEE ALSO

ssl(7)

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