

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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