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## **Red Hat Enterprise Linux Release 9.2 Manual Pages on 'SSL\_rstate\_string.3oss1' command**

**\$ man SSL\_rstate\_string.3oss1**

SSL\_RSTATE\_STRING(3oss1)      OpenSSL      SSL\_RSTATE\_STRING(3oss1)

### 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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