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## **Red Hat Enterprise Linux Release 9.2 Manual Pages on 'SSL\_get\_rfd.3ossl' command**

**\$ man SSL\_get\_rfd.3ossl**

SSL\_GET\_FD(3ossl)            OpenSSL            SSL\_GET\_FD(3ossl)

### NAME

SSL\_get\_fd, SSL\_get\_rfd, SSL\_get\_wfd - get file descriptor linked to an SSL object

### SYNOPSIS

```
#include <openssl/ssl.h>
```

```
int SSL_get_fd(const SSL *ssl);
```

```
int SSL_get_rfd(const SSL *ssl);
```

```
int SSL_get_wfd(const SSL *ssl);
```

### DESCRIPTION

SSL\_get\_fd() returns the file descriptor which is linked to ssl.

SSL\_get\_rfd() and SSL\_get\_wfd() return the file descriptors for the read or the write channel, which can be different. If the read and the write channel are different, SSL\_get\_rfd() will return the file descriptor of the read channel.

### RETURN VALUES

The following return values can occur:

-1 The operation failed, because the underlying BIO is not of the correct type (suitable for file descriptors).

>=0 The file descriptor linked to ssl.

#### SEE ALSO

SSL\_set\_fd(3), ssl(7) , bio(7)

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