

**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\_fd()** 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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