

**NAME**

SSL\_CTX\_ctrl, SSL\_CTX\_callback\_ctrl, SSL\_ctrl, SSL\_callback\_ctrl - internal handling functions for SSL\_CTX and SSL objects

**SYNOPSIS**

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

```
long SSL_CTX_ctrl(SSL_CTX *ctx, int cmd, long larg, void *parg);
```

```
long SSL_CTX_callback_ctrl(SSL_CTX *, int cmd, void (*fp)());
```

```
long SSL_ctrl(SSL *ssl, int cmd, long larg, void *parg);
```

```
long SSL_callback_ctrl(SSL *, int cmd, void (*fp)());
```

**DESCRIPTION**

The `SSL*_ctrl()` family of functions is used to manipulate settings of the SSL\_CTX and SSL objects. Depending on the command **cmd** the arguments **larg**, **parg**, or **fp** are evaluated. These functions should never be called directly. All functionalities needed are made available via other functions or macros.

**RETURN VALUES**

The return values of the `SSL*_ctrl()` functions depend on the command supplied via the **cmd** parameter.

**SEE ALSO**

`ssl(7)`

**COPYRIGHT**

Copyright 2001-2016 The OpenSSL Project Authors. All Rights Reserved.

Licensed under the Apache License 2.0 (the "License"). You may not use this file except in compliance with the License. You can obtain a copy in the file LICENSE in the source distribution or at <https://www.openssl.org/source/license.html>.