

**NAME**

SSL\_CTX\_get\_ex\_data, SSL\_CTX\_set\_ex\_data, SSL\_get\_ex\_data, SSL\_set\_ex\_data - Store and retrieve extra data from the SSL\_CTX, SSL or SSL\_SESSION

**SYNOPSIS**

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

void *SSL_CTX_get_ex_data(const SSL_CTX *s, int idx);

int SSL_CTX_set_ex_data(SSL_CTX *s, int idx, void *arg);

void *SSL_get_ex_data(const SSL *s, int idx);

int SSL_set_ex_data(SSL *s, int idx, void *arg);
```

**DESCRIPTION**

SSL\*\_set\_ex\_data() functions can be used to store arbitrary user data into the SSL\_CTX, or SSL object. The user must supply a unique index which they can subsequently use to retrieve the data using SSL\*\_get\_ex\_data().

For more detailed information see [CRYPTO\\_get\\_ex\\_data\(3\)](#) and [CRYPTO\\_set\\_ex\\_data\(3\)](#) which implement these functions and [CRYPTO\\_get\\_ex\\_new\\_index\(3\)](#) for generating a unique index.

**RETURN VALUES**

The SSL\*\_set\_ex\_data() functions return 1 if the item is successfully stored and 0 if it is not. The SSL\*\_get\_ex\_data() functions return the ex\_data pointer if successful, otherwise NULL.

**SEE ALSO**

[CRYPTO\\_get\\_ex\\_data\(3\)](#), [CRYPTO\\_set\\_ex\\_data\(3\)](#), [CRYPTO\\_get\\_ex\\_new\\_index\(3\)](#)

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