

**NAME**

SSL\_SESSION\_get0\_id\_context, SSL\_SESSION\_set1\_id\_context - get and set the SSL ID context associated with a session

**SYNOPSIS**

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

```
const unsigned char *SSL_SESSION_get0_id_context(const SSL_SESSION *s,
                                                unsigned int *len);
int SSL_SESSION_set1_id_context(SSL_SESSION *s, const unsigned char *sid_ctx,
                               unsigned int sid_ctx_len);
```

**DESCRIPTION**

See **SSL\_CTX\_set\_session\_id\_context(3)** for further details on session ID contexts.

**SSL\_SESSION\_get0\_id\_context()** returns the ID context associated with the SSL/TLS session **s**. The length of the ID context is written to **\*len** if **len** is not NULL.

The value returned is a pointer to an object maintained within **s** and should not be released.

**SSL\_SESSION\_set1\_id\_context()** takes a copy of the provided ID context given in **sid\_ctx** and associates it with the session **s**. The length of the ID context is given by **sid\_ctx\_len** which must not exceed **SSL\_MAX\_SID\_CTX\_LENGTH** bytes.

**RETURN VALUES**

**SSL\_SESSION\_set1\_id\_context()** returns 1 on success or 0 on error.

**SEE ALSO**

**ssl(7)**, **SSL\_set\_session\_id\_context(3)**

**HISTORY**

The **SSL\_SESSION\_get0\_id\_context()** function was added in OpenSSL 1.1.0.

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