

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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