

NAME

`SSL_get_version`, `SSL_is_dtls` - get the protocol information of a connection

SYNOPSIS

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

const char *SSL_get_version(const SSL *ssl);

int SSL_is_dtls(const SSL *ssl);
```

DESCRIPTION

`SSL_get_version()` returns the name of the protocol used for the connection `ssl`. It should only be called after the initial handshake has been completed. Prior to that the results returned from this function may be unreliable.

`SSL_is_dtls()` returns one if the connection is using DTLS, zero if not.

RETURN VALUES

`SSL_get_version()` returns one of the following strings:

SSLv3

The connection uses the SSLv3 protocol.

TLSv1

The connection uses the TLSv1.0 protocol.

TLSv1.1

The connection uses the TLSv1.1 protocol.

TLSv1.2

The connection uses the TLSv1.2 protocol.

unknown

This indicates an unknown protocol version.

SEE ALSO

ssl(3)

HISTORY

`SSL_is_dtls()` was added in OpenSSL 1.1.0.

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