

NAME

SSL_library_init, OpenSSL_add_ssl_algorithms - initialize SSL library by registering algorithms

SYNOPSIS

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

```
int SSL_library_init(void);
```

```
int OpenSSL_add_ssl_algorithms(void);
```

DESCRIPTION

SSL_library_init() registers the available SSL/TLS ciphers and digests.

OpenSSL_add_ssl_algorithms() is a synonym for **SSL_library_init()** and is implemented as a macro.

NOTES

SSL_library_init() must be called before any other action takes place. **SSL_library_init()** is not reentrant.

WARNINGS

SSL_library_init() adds ciphers and digests used directly and indirectly by SSL/TLS.

RETURN VALUES

SSL_library_init() always returns "1", so it is safe to discard the return value.

SEE ALSO

ssl(7), RAND_add(3)

HISTORY

The **SSL_library_init()** and **OpenSSL_add_ssl_algorithms()** functions were deprecated in OpenSSL 1.1.0 by **OPENSSL_init_ssl()**.

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