



*Full credit is given to the above companies including the OS that this PDF file was generated!*

***Rocky Enterprise Linux 9.2 Manual Pages on command 'OpenSSL\_add\_ssl\_algorithms.3ossl'***

***\$ man OpenSSL\_add\_ssl\_algorithms.3ossl***

SSL\_LIBRARY\_INIT(3ossl)      OpenSSL      SSL\_LIBRARY\_INIT(3ossl)

**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().

## COPYRIGHT

Copyright 2000-2016 The OpenSSL Project Authors. All Rights Reserved.

Licensed under the Apache License 2.0 (the "License"). You may not use this file except in compliance with the License. You can obtain a copy in the file LICENSE in the source distribution or at <https://www.openssl.org/source/license.html>.