

NAME

OpenSSL_add_all_algorithms, OpenSSL_add_all_ciphers, OpenSSL_add_all_digests, EVP_cleanup – add algorithms to internal table

SYNOPSIS

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

The following functions have been deprecated since OpenSSL 1.1.0, and can be hidden entirely by defining **OPENSSL_API_COMPAT** with a suitable version value, see **openssl_user_macros** (7):

```
void OpenSSL_add_all_algorithms(void);
void OpenSSL_add_all_ciphers(void);
void OpenSSL_add_all_digests(void);
```

```
void EVP_cleanup(void);
```

DESCRIPTION

OpenSSL keeps an internal table of digest algorithms and ciphers. It uses this table to lookup ciphers via functions such as **EVP_get_cipher_byname()**.

OpenSSL_add_all_digests() adds all digest algorithms to the table.

OpenSSL_add_all_algorithms() adds all algorithms to the table (digests and ciphers).

OpenSSL_add_all_ciphers() adds all encryption algorithms to the table including password based encryption algorithms.

In versions prior to 1.1.0 **EVP_cleanup()** removed all ciphers and digests from the table. It no longer has any effect in OpenSSL 1.1.0.

RETURN VALUES

None of the functions return a value.

SEE ALSO

evp (7), **EVP_DigestInit** (3), **EVP_EncryptInit** (3)

HISTORY

The **OpenSSL_add_all_algorithms()**, **OpenSSL_add_all_ciphers()**, **OpenSSL_add_all_digests()**, and **EVP_cleanup()**, functions were deprecated in OpenSSL 1.1.0 by **OPENSSL_init_crypto()** and should not be used.

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