

**NAME**

PKCS12\_init, PKCS12\_init\_ex - Create a new empty PKCS#12 structure

**SYNOPSIS**

```
#include <openssl/pkcs12.h>
```

```
PKCS12 *PKCS12_init(int mode);
```

```
PKCS12 *PKCS12_init_ex(int mode, OSSL_LIB_CTX *ctx, const char *propq);
```

**DESCRIPTION**

**PKCS12\_init()** creates an empty PKCS#12 structure. Any PKCS#7 authSafes added to this structure are enclosed first within a single PKCS#7 contentInfo of type *mode*. Currently the only supported type is **NID\_pkcs7\_data**.

**PKCS12\_init\_ex()** creates an empty PKCS#12 structure and assigns the supplied *ctx* and *propq* to be used to select algorithm implementations for operations performed on the **PKCS12** object.

**RETURN VALUES**

**PKCS12\_init()** and **PKCS12\_init\_ex()** return a valid **PKCS12** structure or NULL if an error occurred.

**SEE ALSO**

**d2i\_PKCS12(3)**, **PKCS12\_create(3)**, **passphrase-encoding(7)**

**HISTORY**

**PKCS12\_init\_ex()** was added in OpenSSL 3.0.

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