

NAME

EVP_PKEY_new, *EVP_PKEY_free* - private key allocation functions.

SYNOPSIS

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

```
EVP_PKEY *EVP_PKEY_new(void);  
void EVP_PKEY_free(EVP_PKEY *key);
```

DESCRIPTION

The *EVP_PKEY_new()* function allocates an empty **EVP_PKEY** structure which is used by OpenSSL to store private keys.

EVP_PKEY_free() frees up the private key **key**.

NOTES

The **EVP_PKEY** structure is used by various OpenSSL functions which require a general private key without reference to any particular algorithm.

The structure returned by *EVP_PKEY_new()* is empty. To add a private key to this empty structure the functions described in [EVP_PKEY_set1_RSA\(3\)](#) should be used.

RETURN VALUES

EVP_PKEY_new() returns either the newly allocated **EVP_PKEY** structure or **NULL** if an error occurred.

EVP_PKEY_free() does not return a value.

SEE ALSO

[EVP_PKEY_set1_RSA\(3\)](#)

HISTORY

TBA