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Red Hat Enterprise Linux Release 9.2 Manual Pages on 'EVP_PKEY_meth_get0_info.3ossl' command

$ man EVP_PKEY_meth_get0_info.3ossl

EVP_PKEY_METH_GET_COUNT(3ossl) OpenSSL EVP_PKEY_METH_GET_COUNT(3ossl)

NAME

EVP_PKEY_meth_get_count, EVP_PKEY_meth_get0, EVP_PKEY_meth_get0_info - enumerate public key methods

SYNOPSIS

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

The following functions have been deprecated since OpenSSL 3.0, and can be hidden entirely by defining OPENSSL_API_COMPAT with a suitable version value, see openssl_user_macros(7):

```
size_t EVP_PKEY_meth_get_count(void);
const EVP_PKEY_METHOD *EVP_PKEY_meth_get0(size_t idx);
void EVP_PKEY_meth_get0_info(int *ppkey_id, int *pflags,
                             const EVP_PKEY_METHOD *meth);
```

DESCRIPTION

All of the functions described on this page are deprecated.

Applications should instead use the OSSL_PROVIDER APIs.

EVP_PKEY_meth_count() returns a count of the number of public key

methods available: it includes standard methods and any methods added by the application.

EVP_PKEY_meth_get0() returns the public key method idx. The value of idx must be between zero and EVP_PKEY_meth_get_count() - 1.

EVP_PKEY_meth_get0_info() returns the public key ID (a NID) and any flags associated with the public key method *meth.

RETURN VALUES

EVP_PKEY_meth_count() returns the number of available public key methods.

EVP_PKEY_meth_get0() return a public key method or NULL if idx is out of range.

EVP_PKEY_meth_get0_info() does not return a value.

SEE ALSO

EVP_PKEY_new(3)

HISTORY

All of these functions were deprecated in OpenSSL 3.0.

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