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## **Red Hat Enterprise Linux Release 9.2 Manual Pages on 'EVP\_PKEY\_meth\_get0.3ossl' command**

**`$ man EVP_PKEY_meth_get0.3ossl`**

`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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