

NAME

EVP_PKEY_get_group_name - get group name of a key

SYNOPSIS

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

```
int EVP_PKEY_get_group_name(EVP_PKEY *pkey, char *gname, size_t gname_sz,  
                             size_t *gname_len);
```

DESCRIPTION

EVP_PKEY_get_group_name() fills in the group name of the *pkey* into *gname*, up to at most *gname_sz* bytes including the ending NUL byte and assigns **gname_len* the actual length of the name not including the NUL byte, if *pkey*'s key type supports it. *gname* as well as *gname_len* may individually be NULL, and won't be filled in or assigned in that case.

NOTES

Among the standard OpenSSL key types, this is only supported for DH, EC and SM2 keys. Other providers may support this for additional key types.

RETURN VALUES

EVP_PKEY_get_group_name() returns 1 if the group name could be filled in, otherwise 0.

HISTORY

This function was added in OpenSSL 3.0.

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