

NAME

BIO_get_ex_new_index, BIO_set_ex_data, BIO_get_ex_data, ENGINE_get_ex_new_index, ENGINE_set_ex_data, ENGINE_get_ex_data, UI_get_ex_new_index, UI_set_ex_data, UI_get_ex_data, X509_get_ex_new_index, X509_set_ex_data, X509_get_ex_data, X509_STORE_get_ex_new_index, X509_STORE_set_ex_data, X509_STORE_get_ex_data, X509_STORE_CTX_get_ex_new_index, X509_STORE_CTX_set_ex_data, X509_STORE_CTX_get_ex_data, DH_get_ex_new_index, DH_set_ex_data, DH_get_ex_data, DSA_get_ex_new_index, DSA_set_ex_data, DSA_get_ex_data, ECDH_get_ex_new_index, ECDH_set_ex_data, ECDH_get_ex_data, EC_KEY_get_ex_new_index, EC_KEY_set_ex_data, EC_KEY_get_ex_data, RSA_get_ex_new_index, RSA_set_ex_data, RSA_get_ex_data - application-specific data

SYNOPSIS

```
#include <openssl/x509.h>

int TYPE_get_ex_new_index(long arg1, void *argp,
CRYPTO_EX_new *new_func,
CRYPTO_EX_dup *dup_func,
CRYPTO_EX_free *free_func);

int TYPE_set_ex_data(TYPE *d, int idx, void *arg);

void *TYPE_get_ex_data(TYPE *d, int idx);
```

DESCRIPTION

In the description here, *TYPE* is used a placeholder for any of the OpenSSL datatypes listed in [CRYPTO_get_ex_new_index\(3\)](#).

These functions handle application-specific data for OpenSSL data structures.

TYPE_get_new_ex_index() is a macro that calls *CRYPTO_get_ex_new_index()* with the correct **index** value.

TYPE_set_ex_data() is a function that calls *CRYPTO_set_ex_data()* with an offset into the opaque exdata part of the TYPE object.

TYPE_get_ex_data() is a function that calls *CRYPTO_get_ex_data()* with an an offset into the opaque exdata part of the TYPE object.

SEE ALSO

[CRYPTO_get_ex_new_index\(3\)](#).

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