

**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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