NAME

ASN1_OBJECT_new, ASN1_OBJECT_free - object allocation functions

SYNOPSIS

#include <openssl/asn1.h>

ASN1_OBJECT *ASN1_OBJECT_new(void);
void ASN1_OBJECT_free(ASN1_OBJECT *a);

DESCRIPTION

The **ASN1_OBJECT** allocation routines, allocate and free an **ASN1_OBJECT** structure, which represents an ASN1 OBJECT IDENTIFIER.

ASN1_OBJECT_new() allocates and initializes an **ASN1_OBJECT** structure.

ASN1_OBJECT_free() frees up the **ASN1_OBJECT** structure *a*. If *a* is NULL, nothing is done.

NOTES

Although **ASN1_OBJECT_new()** allocates a new **ASN1_OBJECT** structure it is almost never used in applications. The ASN1 object utility functions such as **OBJ_nid2obj()** are used instead.

RETURN VALUES

If the allocation fails, **ASN1_OBJECT_new()** returns NULL and sets an error code that can be obtained by **ERR_get_error**(3). Otherwise it returns a pointer to the newly allocated structure.

ASN1_OBJECT_free() returns no value.

SEE ALSO

ERR_get_error(3), **d2i_ASN1_OBJECT**(3)

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