ASN1_OBJECT_new(3SSL)

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 a ASN1_OBJECT structure.

ASN1_OBJECT_free() frees up the **ASN1_OBJECT** structure **a**.

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)

HISTORY

ASN1_OBJECT_new() and ASN1_OBJECT_free() are available in all versions of SSLeay and OpenSSL.

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