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Red Hat Enterprise Linux Release 9.2 Manual Pages on 'ASN1_OBJECT_new.3oss1' command

\$ man ASN1_OBJECT_new.3oss1

ASN1_OBJECT_NEW(3oss1) OpenSSL ASN1_OBJECT_NEW(3oss1)

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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