



### ***Rocky Enterprise Linux 9.2 Manual Pages on command 'ASN1\_OBJECT\_new.3ossl'***

***\$ man ASN1\_OBJECT\_new.3ossl***

ASN1\_OBJECT\_NEW(3ossl)      OpenSSL      ASN1\_OBJECT\_NEW(3ossl)

#### 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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