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## ***Red Hat Enterprise Linux Release 9.2 Manual Pages on 'ASN1\_OBJECT\_free.3oss1' command***

***\$ man ASN1\_OBJECT\_free.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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