

**NAME**

d2i\_ASN1\_OBJECT, i2d\_ASN1\_OBJECT - ASN1 OBJECT IDENTIFIER functions

**SYNOPSIS**

```
#include <openssl/objects.h>
```

```
ASN1_OBJECT *d2i_ASN1_OBJECT(ASN1_OBJECT **a, unsigned char **pp, long length);  
int i2d_ASN1_OBJECT(ASN1_OBJECT *a, unsigned char **pp);
```

**DESCRIPTION**

These functions decode and encode an ASN1 OBJECT IDENTIFIER.

Otherwise these behave in a similar way to *d2i\_X509()* and *i2d\_X509()* described in the [d2i\\_X509\(3\)](#) manual page.

**SEE ALSO**

[d2i\\_X509\(3\)](#)

**HISTORY**

TBA