

**NAME**

d2i\_X509\_SIG, i2d\_X509\_SIG - DigestInfo functions.

**SYNOPSIS**

```
#include <openssl/x509.h>
```

```
X509_SIG *d2i_X509_SIG(X509_SIG **a, unsigned char **pp, long length);  
int i2d_X509_SIG(X509_SIG *a, unsigned char **pp);
```

**DESCRIPTION**

These functions decode and encode an X509\_SIG structure which is equivalent to the **DigestInfo** structure defined in PKCS#1 and PKCS#7.

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