

**NAME**

gnutls\_x509\_cert\_get\_signature\_oid - API function

**SYNOPSIS**

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

```
int gnutls_x509_cert_get_signature_oid(gnutls_x509_cert_t cert, char * oid, size_t * oid_size);
```

**ARGUMENTS**

gnutls\_x509\_cert\_t cert

should contain a **gnutls\_x509\_cert\_t** type

char \* oid      a pointer to a buffer to hold the OID (may be null)

size\_t \* oid\_size

initially holds the size of *oid*

**DESCRIPTION**

This function will return the OID of the signature algorithm that has been used to sign this certificate.

This is function is useful in the case **gnutls\_x509\_cert\_get\_signature\_algorithm()** returned

**GNUTLS\_SIGN\_UNKNOWN**.

**RETURNS**

zero or a negative error code on error.

**SINCE**

3.5.0

**REPORTING BUGS**

Report bugs to <bugs@gnutls.org>.

Home page: <https://www.gnutls.org>

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**SEE ALSO**

The full documentation for **gnutls** is maintained as a Texinfo manual. If the `/usr/local/share/doc/gnutls/`

directory does not contain the HTML form visit

<https://www.gnutls.org/manual/>