

## NAME

gnutls\_x509\_cert\_get\_authority\_key\_id - API function

## SYNOPSIS

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

```
int gnutls_x509_cert_get_authority_key_id(gnutls_x509_cert_t cert, void * id, size_t * id_size, unsigned int * critical);
```

## ARGUMENTS

gnutls\_x509\_cert\_t cert

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

void \* id      The place where the identifier will be copied

size\_t \* id\_size

Holds the size of the id field.

unsigned int \* critical

will be non-zero if the extension is marked as critical (may be null)

## DESCRIPTION

This function will return the X.509v3 certificate authority's key identifier. This is obtained by the X.509 Authority Key identifier extension field (2.5.29.35). Note that this function only returns the keyIdentifier field of the extension and **GNUTLS\_E\_X509\_UNSUPPORTED\_EXTENSION**, if the extension contains the name and serial number of the certificate. In that case **gnutls\_x509\_cert\_get\_authority\_key\_gn\_serial()** may be used.

## RETURNS

On success, **GNUTLS\_E\_SUCCESS** (0) is returned,

**GNUTLS\_E\_REQUESTED\_DATA\_NOT\_AVAILABLE** if the extension is not present, otherwise a negative error value.

## REPORTING BUGS

Report bugs to <bugs@gnutls.org>.

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

## COPYRIGHT

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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/>