

NAME

gnutls_x509_key_purpose_get - API function

SYNOPSIS

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

```
int gnutls_x509_key_purpose_get(gnutls_x509_key_purposes_t p, unsigned idx, gnutls_datum_t *  
oid);
```

ARGUMENTS

gnutls_x509_key_purposes_t p
The key purposes

unsigned idx The index of the key purpose to retrieve

gnutls_datum_t * oid
Will hold the object identifier of the key purpose (to be treated as constant)

DESCRIPTION

This function will retrieve the specified by the index key purpose in the purposes type. The object identifier will be a null terminated string.

RETURNS

On success, **GNUTLS_E_SUCCESS** (0) is returned, **GNUTLS_E_REQUESTED_DATA_NOT_AVAILABLE** if the index is out of bounds, otherwise a negative error value.

SINCE

3.3.0

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/>