

**NAME**

gnutls\_pkcs11\_obj\_get\_ptr - API function

**SYNOPSIS**

```
#include <gnutls/pkcs11.h>
```

```
int gnutls_pkcs11_obj_get_ptr(gnutls_pkcs11_obj_t obj, void ** ptr, void ** session, void ** ohandle,  
unsigned long * slot_id, unsigned int flags);
```

**ARGUMENTS**

gnutls\_pkcs11\_obj\_t obj

should contain a **gnutls\_pkcs11\_obj\_t** type

void \*\* ptr will contain the CK\_FUNCTION\_LIST\_PTR pointer (may be **NULL**)

void \*\* session

will contain the CK\_SESSION\_HANDLE of the object

void \*\* ohandle

will contain the CK\_OBJECT\_HANDLE of the object

unsigned long \* slot\_id

the identifier of the slot (may be **NULL**)

unsigned int flags

Or sequence of GNUTLS\_PKCS11\_OBJ\_\* flags

**DESCRIPTION**

Obtains the PKCS11 session handles of an object. *session* and *ohandle* must be deinitialized by the caller. The returned pointers are independent of the *obj* lifetime.

**RETURNS**

**GNUTLS\_E\_SUCCESS** (0) on success or a negative error code on error.

**SINCE**

3.6.3

**REPORTING BUGS**

Report bugs to <bugs@gnutls.org>.

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

**COPYRIGHT**

Copyright (C) 2001- Free Software Foundation, Inc., and others.

Copying and distribution of this file, with or without modification, are permitted in any medium without royalty provided the copyright notice and this notice are preserved.

**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/>