

NAME

gnutls_pkcs11_token_get_info - API function

SYNOPSIS

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

```
int gnutls_pkcs11_token_get_info(const char * url, gnutls_pkcs11_token_info_t ttype, void * output,
size_t * output_size);
```

ARGUMENTS

const char * url

should contain a PKCS 11 URL

gnutls_pkcs11_token_info_t ttype

Denotes the type of information requested

void * output where output will be stored

size_t * output_size

contains the maximum size of the output buffer and will be overwritten with the actual size.

DESCRIPTION

This function will return information about the PKCS 11 token such as the label, id, etc.

When output is text, a null terminated string is written to *output* and its string length is written to *output_size* (without null terminator). If the buffer is too small, *output_size* will contain the expected buffer size (with null terminator for text) and return **GNUTLS_E_SHORT_MEMORY_BUFFER**.

RETURNS

GNUTLS_E_SUCCESS (0) on success or a negative error code on error.

SINCE

2.12.0

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/>