

gnutls\_pkcs11\_token\_check\_mechanism(3)      gnutls      gnutls\_pkcs11\_token\_check\_mechanism(3)

## NAME

gnutls\_pkcs11\_token\_check\_mechanism - API function

## SYNOPSIS

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

```
unsigned gnutls_pkcs11_token_check_mechanism(const char * url, unsigned long mechanism, void * ptr, unsigned psize, unsigned flags);
```

## ARGUMENTS

const char \* url

should contain a PKCS 11 URL

unsigned long mechanism

The PKCS 11 mechanism ID

void \* ptr

if set it should point to a CK\_MECHANISM\_INFO struct

unsigned psize

the size of CK\_MECHANISM\_INFO struct (for safety)

unsigned flags

must be zero

## DESCRIPTION

This function will return whether a mechanism is supported by the given token. If the mechanism is supported and *ptr* is set, it will be updated with the token information.

## RETURNS

Non-zero if the mechanism is supported or zero otherwise.

## SINCE

3.6.0

## 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/>