

NAME

gnutls_privkey_init - API function

SYNOPSIS

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

```
int gnutls_privkey_init(gnutls_privkey_t * key);
```

ARGUMENTS

gnutls_privkey_t * key

A pointer to the type to be initialized

DESCRIPTION

This function will initialize a private key object. The object can be used to generate, import, and perform cryptographic operations on the associated private key.

Note that when the underlying private key is a PKCS11 key (i.e., when imported with a PKCS11 URI), the limitations of `gnutls_pkcs11_privkey_init()` apply to this object as well. In versions of GnuTLS later than 3.5.11 the object is protected using locks and a single `gnutls_privkey_t` can be re-used by many threads. However, for performance it is recommended to utilize one object per key per thread.

RETURNS

On success, `GNUTLS_E_SUCCESS` (0) is returned, otherwise a negative error value.

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/>