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 PKCS**11** key (i.e., when imported with a PKCS**11** 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/