## NAME

gnutls_privkey_get_seed - API function

## SYNOPSIS

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

**int gnutls_privkey_get_seed(gnutls_privkey_t** *key***, gnutls_digest_algorithm_t \*** *digest***, void \*** *seed***, size_t \*** *seed_size***);**

## ARGUMENTS

gnutls_privkey_t key
> should contain a **gnutls_privkey_t** type

gnutls_digest_algorithm_t * digest
> if non-NULL it will contain the digest algorithm used for key generation (if applicable)

void * seed     where seed will be copied to

size_t * seed_size
> originally holds the size of *seed* , will be updated with actual size

## DESCRIPTION

This function will return the seed that was used to generate the given private key. That function will succeed only if the key was generated as a provable key.

## RETURNS

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

## SINCE

3.5.0

## REPORTING BUGS

Report bugs to <bugs@gnutls.org>.
Home page: https://www.gnutls.org

## COPYRIGHT

## 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/