NAME

gnutls_dh_params_export_raw - API function

SYNOPSIS

#include <gnutls/gnutls.h>

int gnutls_dh_params_export_raw(gnutls_dh_params_t *params***, gnutls_datum_t *** *prime***, gnutls_datum_t *** *generator***, unsigned int *** *bits***);**

ARGUMENTS

gnutls_dh_params_t params

Holds the DH parameters

gnutls_datum_t * prime

will hold the new prime

gnutls_datum_t * generator

will hold the new generator

unsigned int * bits

if non null will hold the secret key's number of bits

DESCRIPTION

This function will export the pair of prime and generator for use in the Diffie-Hellman key exchange. The new parameters will be allocated using **gnutls_malloc()** and will be stored in the appropriate datum.

RETURNS

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

REPORTING BUGS

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

COPYRIGHT

Copyright (C) 2001-2023 Free Software Foundation, Inc., and others.
Copying and distribution of this file, with or without modification, are permitted in any medium without royalty provided the copyright notice and this notice are preserved.

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/