**NAME**

gnutls_dh_params_import_pkcs3 - API function

**SYNOPSIS**

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

**int gnutls_dh_params_import_pkcs3(gnutls_dh_params_t** *params***, const gnutls_datum_t \*** *pkcs3_params***, gnutls_x509_crt_fmt_t** *format***);**

**ARGUMENTS**

gnutls_dh_params_t params

The parameters

const gnutls_datum_t * pkcs3_params

should contain a PKCS3 DHParams structure PEM or DER encoded

gnutls_x509_crt_fmt_t format

the format of params. PEM or DER.

**DESCRIPTION**

This function will extract the DHParams found in a PKCS3 formatted structure. This is the format generated by "openssl dhparam" tool.

If the structure is PEM encoded, it should have a header of "BEGIN DH PARAMETERS".

**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

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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/