

NAME

gnutls_pubkey_export_rsa_raw - API function

SYNOPSIS

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

```
int gnutls_pubkey_export_rsa_raw(gnutls_pubkey_t key, gnutls_datum_t * m, gnutls_datum_t * e);
```

ARGUMENTS

gnutls_pubkey_t key

Holds the certificate

gnutls_datum_t * m

will hold the modulus (may be **NULL**)

gnutls_datum_t * e

will hold the public exponent (may be **NULL**)

DESCRIPTION

This function will export the RSA public key's parameters found in the given structure. The new parameters will be allocated using **gnutls_malloc()** and will be stored in the appropriate datum.

This function allows for **NULL** parameters since 3.4.1.

RETURNS

GNUTLS_E_SUCCESS on success, otherwise a negative error code.

SINCE

3.3.0

REPORTING BUGS

Report bugs to <bugs@gnutls.org>.

Home page: <https://www.gnutls.org>

COPYRIGHT

Copyright (C) 2001- 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/>