NAME

gnutls_x509_crt_get_pk_algorithm - API function

SYNOPSIS

#include <gnutls/x509.h>

int gnutls_x509_crt_get_pk_algorithm(gnutls_x509_crt_t *cert*, **unsigned int *** *bits*);

ARGUMENTS

gnutls_x509_crt_t cert

should contain a **gnutls_x509_crt_t** type

unsigned int * bits

if bits is non null it will hold the size of the parameters' in bits

DESCRIPTION

This function will return the public key algorithm of an X.509 certificate.

If bits is non null, it should have enough size to hold the parameters size in bits. For RSA the bits
returned is the modulus. For DSA the bits returned are of the public exponent.

Unknown/unsupported algorithms are mapped to **GNUTLS_PK_UNKNOWN**.

RETURNS

a member of the **gnutls_pk_algorithm_t** enumeration on success, or a negative error code on error.

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/