

**NAME**

gnutls\_privkey\_get\_pk\_algorithm - API function

**SYNOPSIS**

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

```
int gnutls_privkey_get_pk_algorithm(gnutls_privkey_t key, unsigned int * bits);
```

**ARGUMENTS**

gnutls\_privkey\_t key

should contain a **gnutls\_privkey\_t** type

unsigned int \* bits

If set will return the number of bits of the parameters (may be NULL)

**DESCRIPTION**

This function will return the public key algorithm of a private key and if possible will return a number of bits that indicates the security parameter of the key.

**RETURNS**

a member of the **gnutls\_pk\_algorithm\_t** enumeration on success, or a negative error code on error.

**SINCE**

2.12.0

**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/>