

NAME

gnutls_system_recv_timeout - API function

SYNOPSIS

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

```
int gnutls_system_recv_timeout(gnutls_transport_ptr_t ptr, unsigned int ms);
```

ARGUMENTS

gnutls_transport_ptr_t ptr

A file descriptor (wrapped in a gnutls_transport_ptr_t pointer)

unsigned int ms

The number of milliseconds to wait.

DESCRIPTION

Wait for data to be received from the provided socket (*ptr*) within a timeout period in milliseconds, using **select()** on the provided *ptr* .

This function is provided as a helper for constructing custom callbacks for **gnutls_transport_set_pull_timeout_function()**, which can be used if you rely on socket file descriptors.

Returns -1 on error, 0 on timeout, positive value if data are available for reading.

SINCE

3.4.0

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

gnutls_system_recv_timeout(3)

gnutls

gnutls_system_recv_timeout(3)

<https://www.gnutls.org/manual/>