

## 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

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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

gnutls\_system\_recv\_timeout(3)

gnutls

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