

NAME

gnutls_record_get_direction - API function

SYNOPSIS

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

```
int gnutls_record_get_direction(gnutls_session_t session);
```

ARGUMENTS

gnutls_session_t session

is a **gnutls_session_t** type.

DESCRIPTION

This function is useful to determine whether a GnuTLS function was interrupted while sending or receiving, so that **select()** or **poll()** may be called appropriately.

It provides information about the internals of the record protocol and is only useful if a prior **gnutls** function call, e.g. **gnutls_handshake()**, was interrupted and returned **GNUTLS_E_INTERRUPTED** or **GNUTLS_E_AGAIN**. After such an interrupt applications may call **select()** or **poll()** before restoring the interrupted GnuTLS function.

This function's output is unreliable if you are using the same *session* in different threads for sending and receiving.

RETURNS

0 if interrupted while trying to read data, or 1 while trying to write data.

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

gnutls_record_get_direction(3)

gnutls

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