

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