

**NAME**

**sctp\_generic\_recvmsg** - receive data from a peer

**LIBRARY**

Standard C Library (libc, -lc)

**SYNOPSIS**

```
#include <sys/types.h>
#include <sys/socket.h>
#include <netinet/sctp.h>
```

*int*

```
sctp_generic_recvmsg(int s, struct iovec *iov, int iovlen, struct sockaddr *from, socklen_t *fromlen,
    struct sctp_sndrcvinfo *sinfo, int *msgflags);
```

**DESCRIPTION**

**sctp\_generic\_recvmsg()** is the true system call used by the **sctp\_recvmsg(3)** function call. This call is more efficient since it is a true system call but it is specific to FreeBSD and can be expected *not* to be present on any other operating system. For detailed usage please see the **sctp\_recvmsg(3)** function call.

**RETURN VALUES**

The call returns the number of bytes read on success and -1 upon failure.

**ERRORS**

[EBADF]           The argument *s* is not a valid descriptor.

[ENOTSOCK]        The argument *s* is not a socket.

**SEE ALSO**

**sctp\_recvmsg(3)**, **sctp(4)**