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## 9.11 `sctp_opt_info` Function

The `sctp_opt_info` function is provided for implementations that cannot use the `getsockopt` functions for SCTP. This inability to use the `getsockopt` function is because some of the SCTP socket options, for example, `SCTP_STATUS`, need an in-out variable to pass the association identification. For systems that cannot provide an in-out variable to the `getsockopt` function, the user will need to use `sctp_opt_info`. For systems like FreeBSD that do allow in-out variables in the socket option call, the `sctp_opt_info` call is a library call that repackages the arguments into the appropriate `getsockopt` call. For portability's sake, applications should use `sctp_opt_info` for all the options that require in-out variables ([Section 7.10](#)).

The call has the following format:

```
int sctp_opt_info(int sockfd, sctp_assoc_t assoc_id, int opt void *arg, socklen_t *siz);
```

Returns: 0 for success, -1 on error

`sockfd` is the socket descriptor that the user would like the socket option to affect. `assoc_id` is the identification of the association (if any) on which the user is performing the option. `opt` is the socket option (as defined in [Section 7.10](#)) for SCTP. `arg` is the socket option argument, and `siz` is a pointer to a `socklen_t` which holds the size of the argument.

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