

## 9.4 `sctp_connectx` Function

```
#include <netinet/sctp.h>

int sctp_connectx(int sockfd, const struct sockaddr *addrs, int addrcnt);
```

Returns: 0 for success, -1 on error

The `sctp_connectx` function is used to connect to a multihomed peer. We specify *addrcnt* addresses, all belonging to the same peer, in the *addrs* parameter. The *addrs* parameter is a packed list of addresses, as in [Figure 9.4](#). The SCTP stack uses one or more of the given addresses for establishing the association. All the addresses listed in *addrs* are considered to be valid, confirmed addresses.

**Figure 9.4. Packed address list format for SCTP calls.**

