

## Client

## Server

### *Create a socket*

```
Socket_ID=  
socket (address_type, socket_type, protocol)
```

### *Bind the socket to an address*

```
bind (Socket_ID, address, address_size)
```

### *Listen for connections*

```
listen (Socket_ID, queued_connections)
```

### *Create a socket*

```
Socket_ID=  
socket (address_type, socket_type, protocol)
```

### *Connect to server*

```
connect (Socket_ID, server_address,  
        server_address_size)
```

### *Send (write) data to server*

```
write (Socket_ID, data, data_size)
```

### *Receive (read) data from server*

```
data_size=  
read (Socket_ID, buffer, buffer_size)
```

### *Accept a new connection from client*

```
New_Socket_ID=  
accept (Socket_ID, &client_add, &client_add_size)
```

### *Receive (read) data from client*

```
data_size=  
read (New_Socket_ID, buffer, buffer_size)
```

### *Send (write) data to client*

```
write (New_Socket_ID, data, data_size)
```