

std::exception

```
classDiagram
    class std_exception["std::exception"]
    class tcpip_socket_exception["tcpip::SocketException"]
    tcpip_socket_exception --|> std_exception
```

The diagram illustrates an inheritance relationship. At the top is a class box for 'std::exception', which is divided into three horizontal sections: the top section contains the class name, and the two bottom sections are empty. Below it is a class box for 'tcpip::SocketException', which is divided into three horizontal sections. The top section contains the class name, the middle section is shaded gray and empty, and the bottom section contains a list of public methods: '+ SocketException()', '+ what()', and '+ ~SocketException()'. A blue arrow with an open triangular head points from the 'tcpip::SocketException' box up to the 'std::exception' box, indicating that 'tcpip::SocketException' inherits from 'std::exception'.

tcpip::SocketException

+ SocketException()  
+ what()  
+ ~SocketException()