Sockets State Diagram

```
Server Socket Closed
        │
        ▼
      Open
        │
        ▼
    Listening
        │
        ▼
    Connected ◄──── Connecting
        │               ▲
        │               │
        ▲             Open
Server Socket         ▲
Closed (loop)   Client Socket Closed
```

Server Socket Closed → Open → Listening → Connected

Client Socket Closed → Open → Connecting → Connected