**网络框架NetFramework**

1. **主要组件**

**Application**

**Protocol**

**NetInterface**

**ConnectThreadPool**

**ThreadPool**

**ConnectThread**

**Thread**

**ProtocolFamily**

**MemManager**

**ConnectAccepter**

**SocketManager**

**EpollDemuxer**

**ListenHandler**

**ListenSocket**

**TransSocket**

**IOBuffer**

**Socket**

**IODemuxer**

**EventHandler**

**Network**

1. **类图**

**EventHandler**

**ListenHandler**

**ConnectAccepter**

**NetInterface**

**Application**

**IODemuxer**

**EpollDemuxer**

**SocketManager**

**ProtocolFamily**

**TransSocket**

**Socket**

**IOBuffer**

**ListenSocket**

1. **单线程服务器框架请求过程**

**ListenHandler**

**Application**

**on\_recv\_protocol**

**回复**

**请求**

**on\_socket\_handle\_error**

**on\_socket\_handle\_timeout**

**on\_protocol\_send\_succ**

**on\_protocol\_send\_error**

**send\_protocol**

**NetInterface**

**IODemuxer**

**EventHandler**

**on\_readable**

**on\_writeable**

**on\_error**

**on\_timeout**

1. **多线程框架请求过程**

**IODemuxer**

**EventHandler**

**on\_error**

**on\_readable**

**on\_timeout**

**on\_writeable**

**ConnectThreadPool**

**accept**

**accept**

**accept**

**accept**

**ConnectThread**

**ConnectThread**

**ConnectThread**

**ConnectThread**

**ConnectAccepter**

**ThreadPool**

**Thread**

**NetInterface**

**ConnectThreadPool**

**Application**

**ConnectThread**