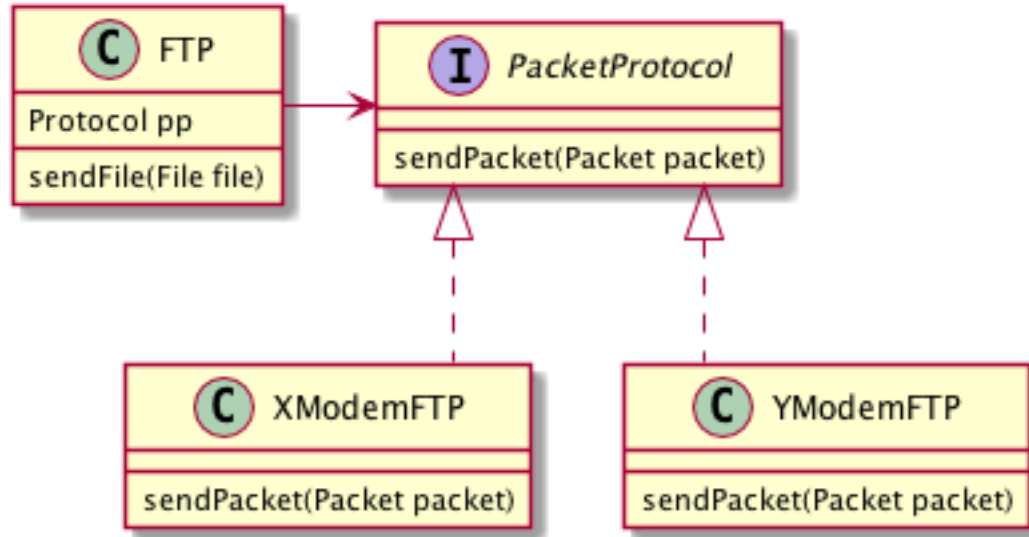


Strategy Pattern



// Many different implementations of it exist

```

interface PacketProtocol {
    void sendPacket(Packet pp);
}
    
```

```

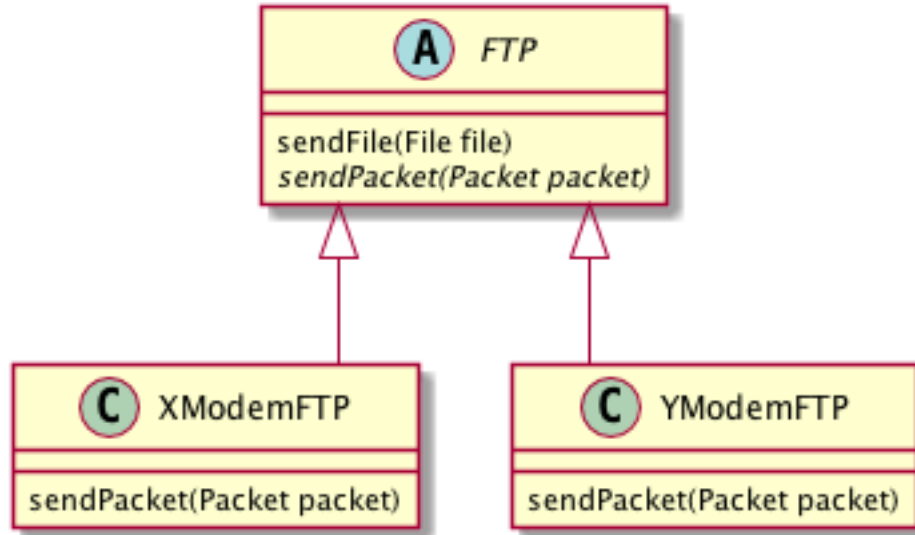
class FTP {
    PacketProtocol pp;

    public FTP(PacketProtocol pp) { this.pp = pp; }

    public void setPacketProtocol(PacketProtocol pp) { this.pp = pp; }

    public void sendFile(File file) {
        List<Packet> packets = breakFileInPackets(File file);
        for (Packet packet : packets) {
            pp.sendPacket(packet);
        }
    }
}
    
```

Template Method Pattern



```
abstract class FTP {
    public void sendFile(File file) {
        List<Packet> packets = breakFileInPackets(File file);
        for (Packet packet : packets) {
            sendPacket(packet);
        }
    }
    public abstract void sendPacket(Packet packet);
}

class XModemFTP extends FTP {
    public void sendPacket(Packet packet) {
        ...
    }
}
```