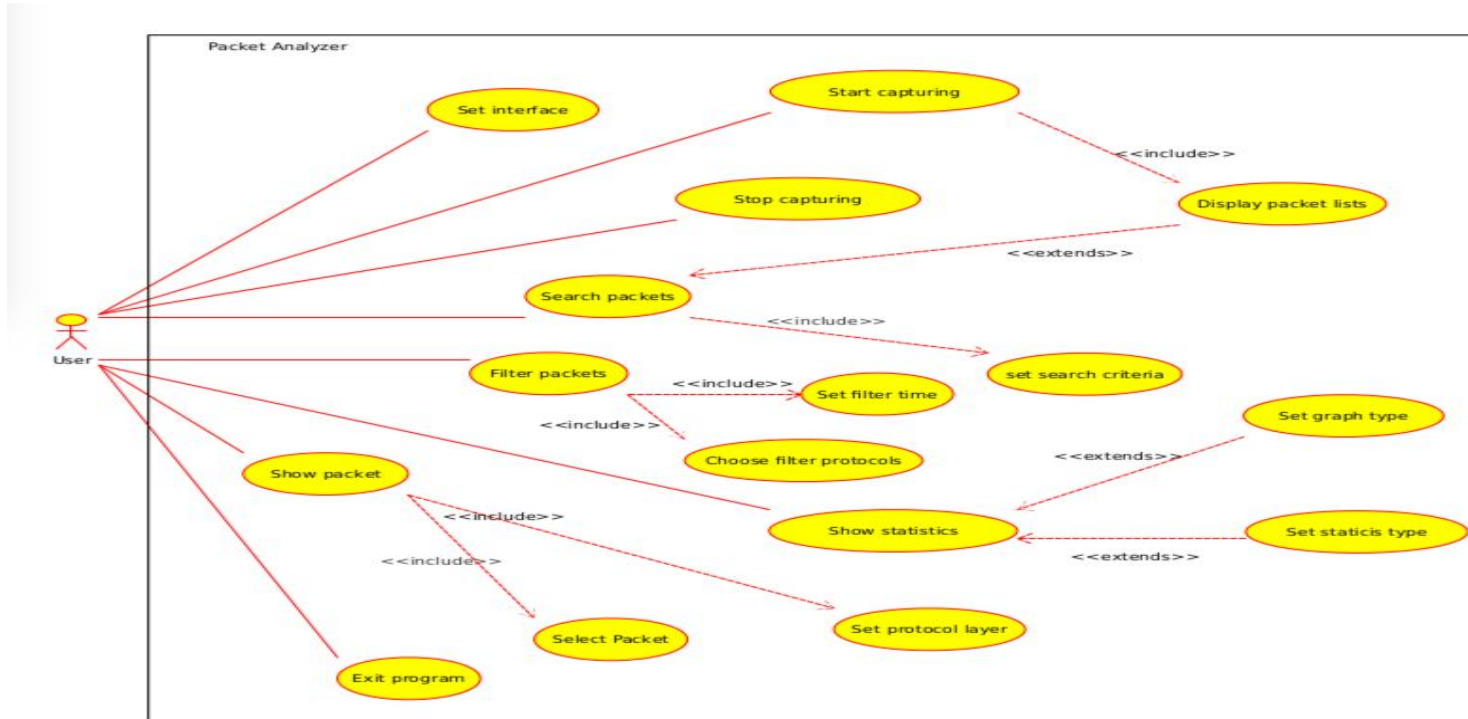


Packet Analyzer

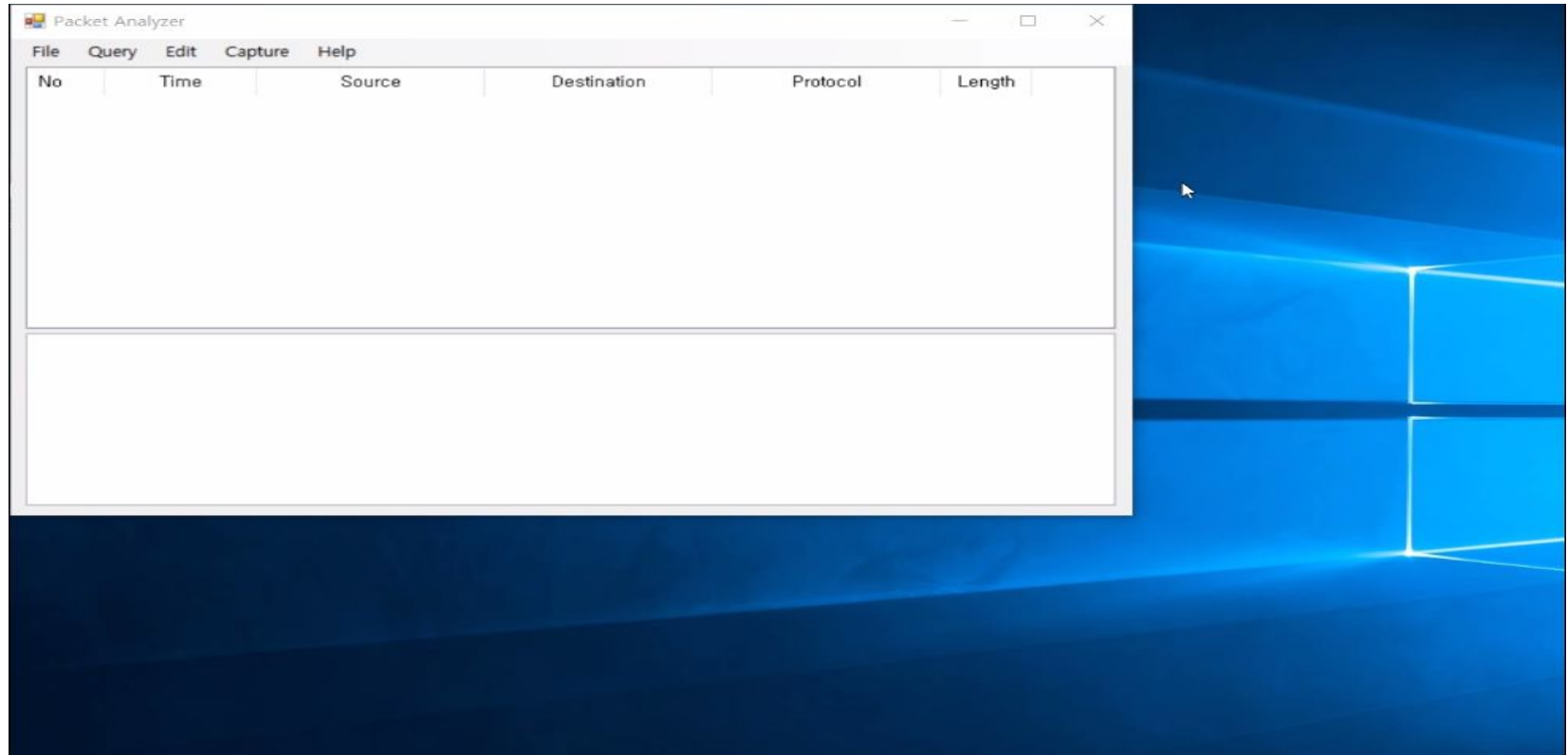
Woncheol Song(5448), Tae Gu Kim(5448), Hui soon Kim(5448)

Main Use Cases

1. Capture Network Packets, Display, and Save them in SQLite
2. Filter and search packets
3. Show statistics in graph



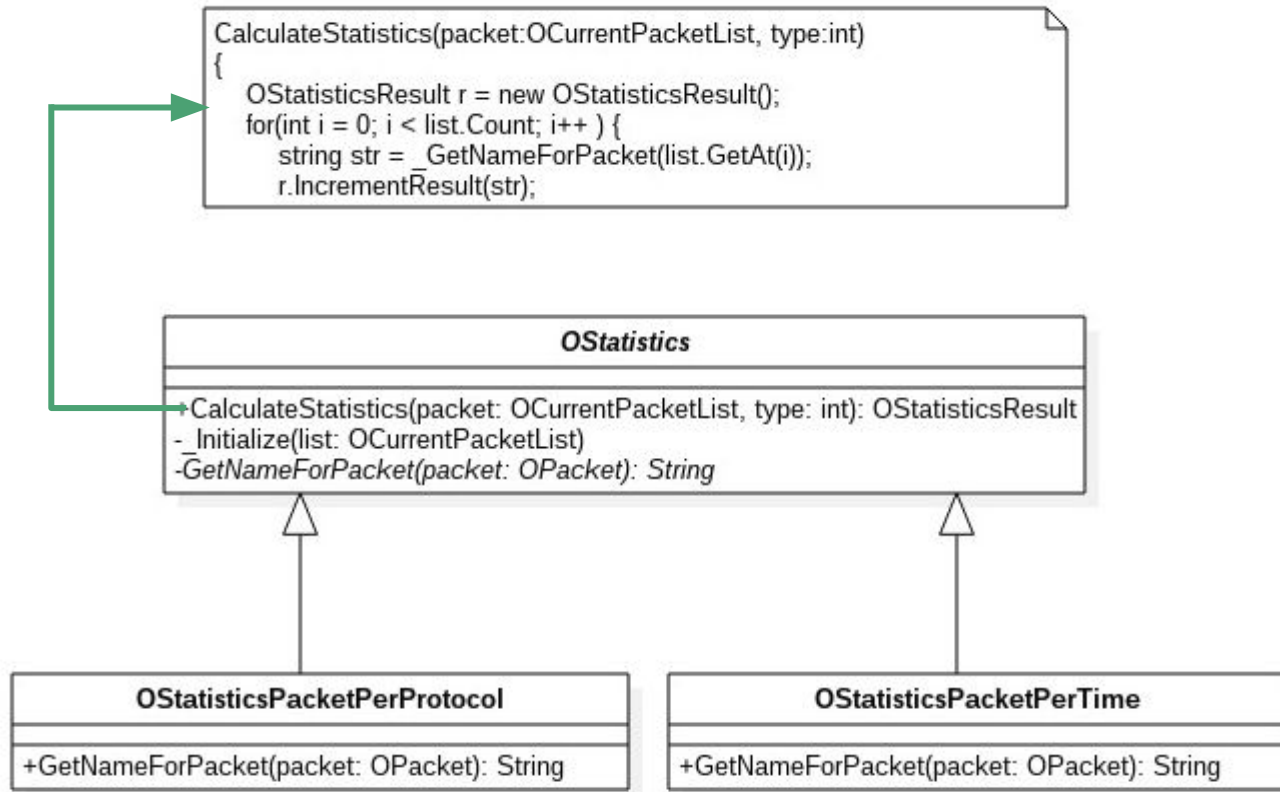
Demo



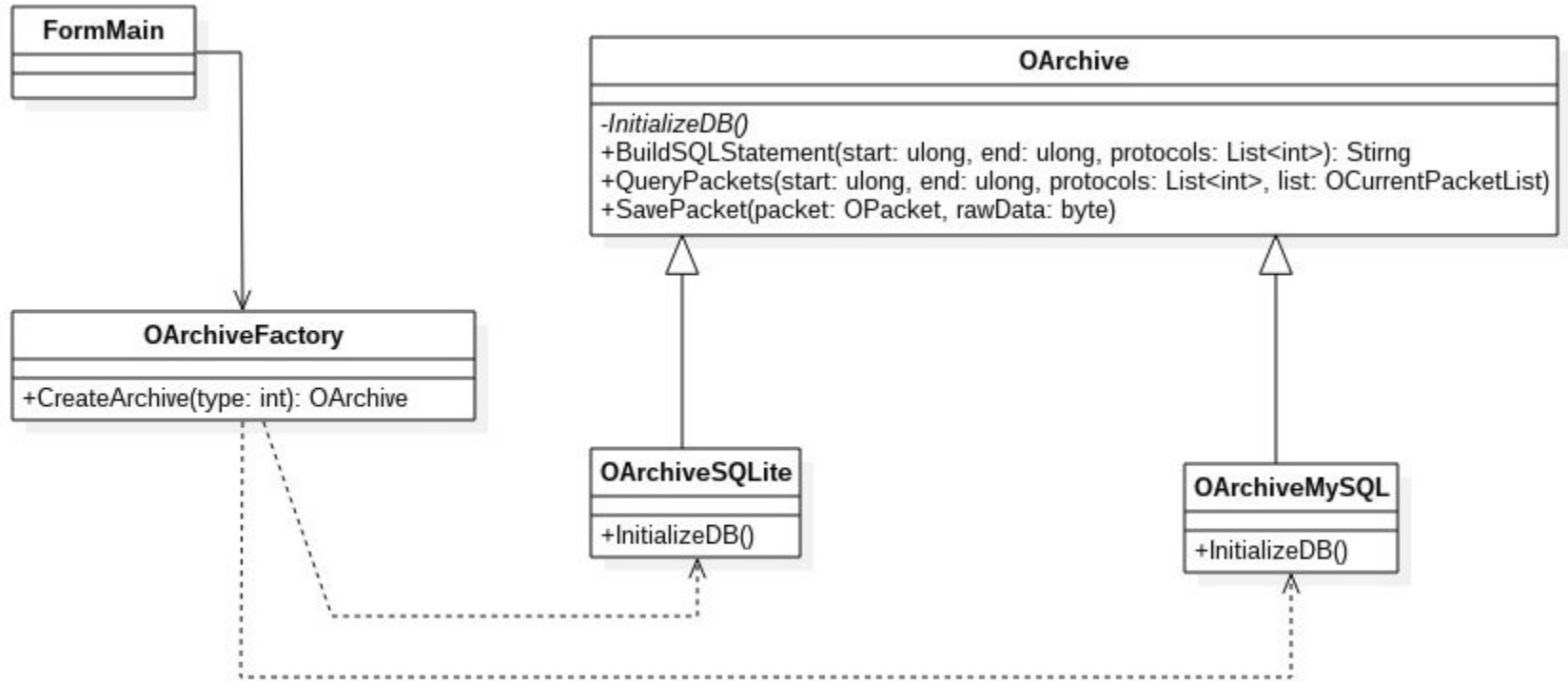
Design patterns used in the project

- Template
- Simple Factory
- Observer
- Iterator
- Singleton

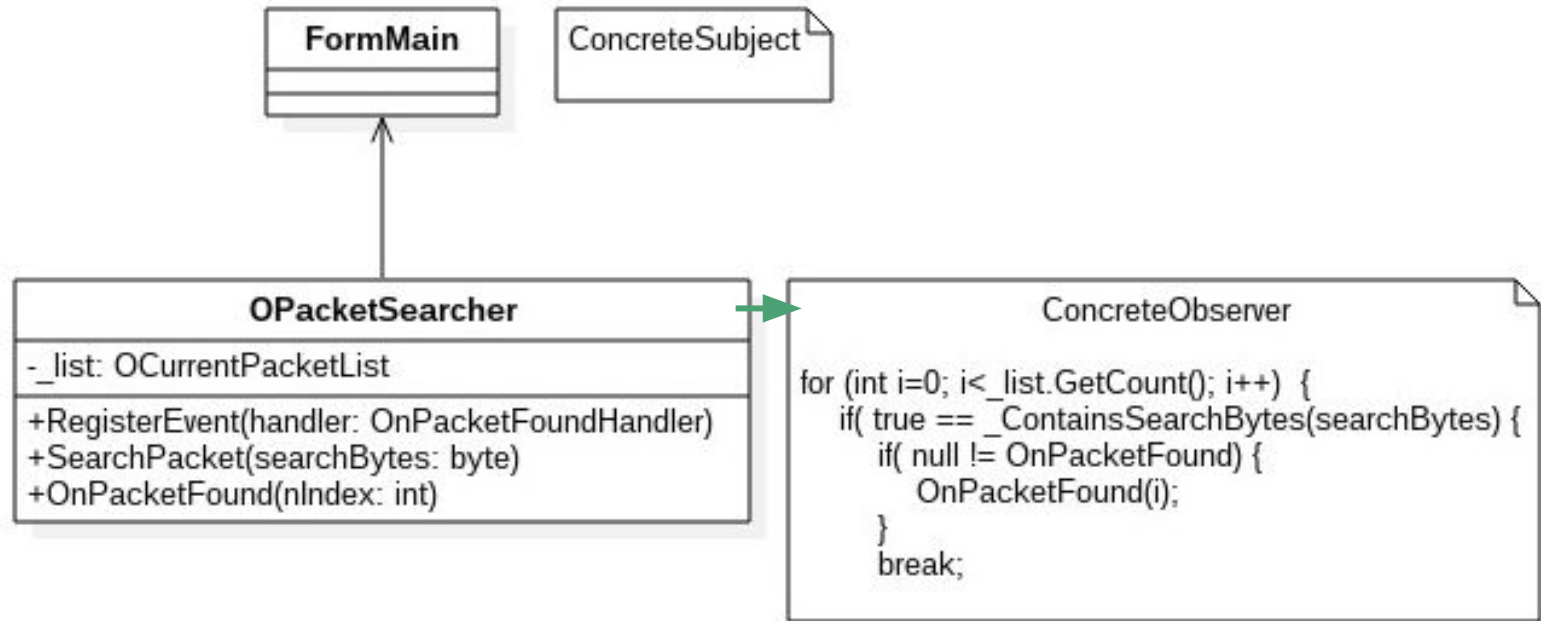
Template



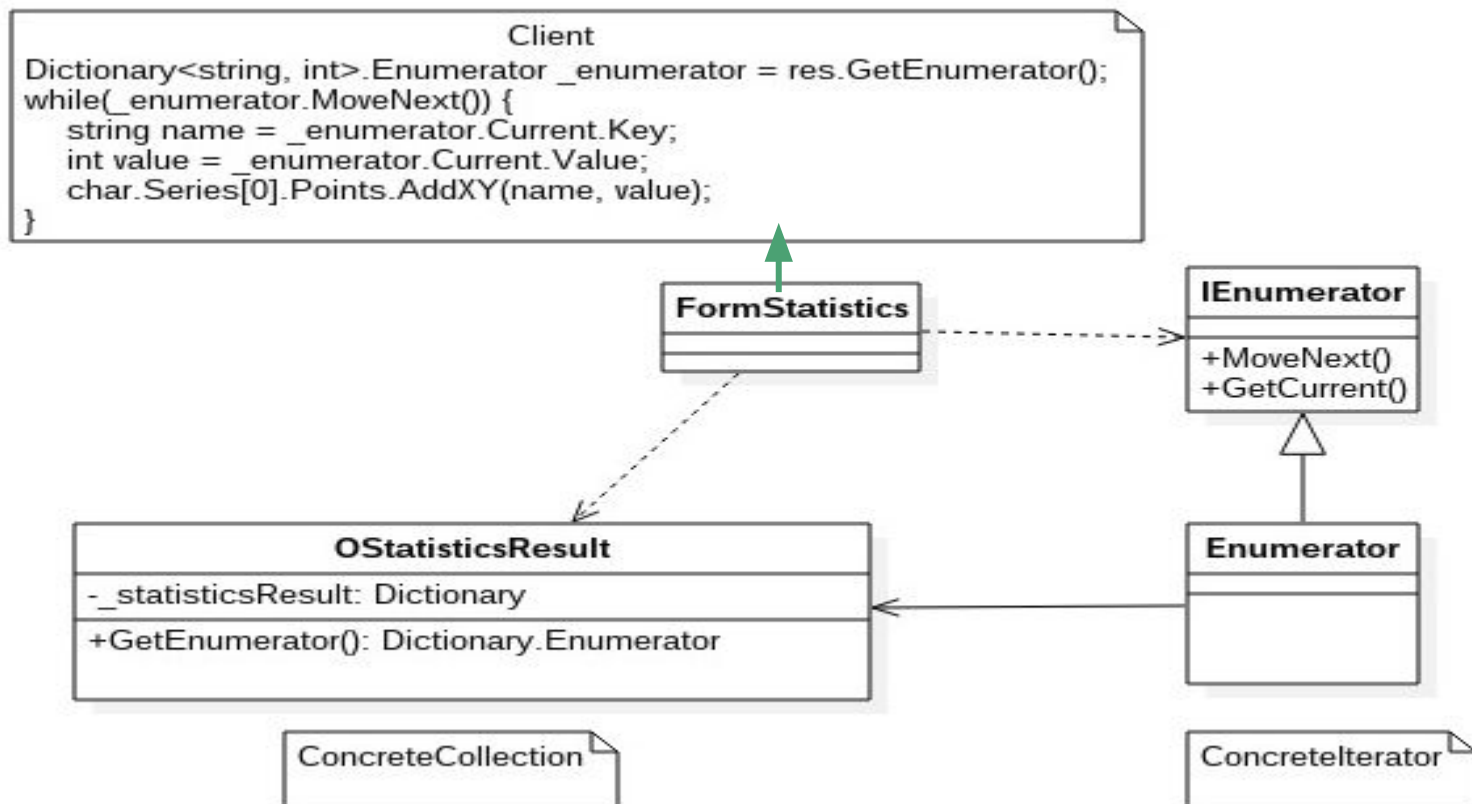
Simple Factory



Observer



Iterator



Singleton

```
public class OConfiguration
{
    private static OConfiguration _instance = null;
    private OConfiguration() { }
    public static OConfiguration instanceOf()
    {
        if (null == _instance)
        {
            _instance = new OConfiguration();
        }
        return _instance;
    }
}
```

Thank you!

Q & A