

```
public interface Plugin {  
    void start(Framework f);  
    void terminate(Framework f);  
}  
  
public class Framework {  
    // lots of fields here  
  
    public void start(final List<Plugin> plugins) {  
        plugins.forEach(p -> p.start(this));  
        log("The framework has been set up and is now running!");  
  
        // Doing some complex UI or network stuff  
        // here and communicate with plugins.  
  
        log("Framework is shutting down.");  
        plugins.forEach(p -> p.terminate(this));  
    }  
  
    public void log(String message) { ... }  
    public void setTitle(String message) { ... }  
    public JButton getMainButton() { ... }  
}
```