**Design Patterns**

**Factory -**

**Illustrating code snippet:**





**Class Location:** biz.ganttproject.app.libs/lib/milton-api-2.7.4.4.jar/io/milton/context/BeanFactory.java

**Explanation:** This Class is used to create and setup new Bean instances, therefore it is being used as a Factory Class.

**Facade -**

**Illustrating code snippet:**



**Class Location:** ganttproject/src/main/java/net/sourceforge/ganttproject/gui/TreeUiFacade.java

**Explanation:** This Interface is used to hide the complexity of the Tree subsystem, while it doesn't add new functionalities.

**Proxy -**

**Illustrating code snippet:**



**Class Location:** ganttproject/src/main/java/net/sourceforge/ganttproject/document/ReadOnlyProxyDocument.java

**Explanation:** This Class is used to perform the tasks that the "myDelegate" document would perform, using that same object to delegate some of the requests.