**Design Patterns**

**Factory -**

**Illustrating code snippet:**





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

**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\ganttproject\src\main\java\net\sourceforge\ganttproject\gui\TreeUiFacade

**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\ganttproject\src\main\java\net\sourceforge\ganttproject\document\ReadOnlyProxyDocument

**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.