Identified Design Patterns – Martim Gouveia 57482

Uma imagem com texto

Descrição gerada automaticamenteFactory Method

Design pattern location:

* src/main/java/org/jabref/gui/actions/ActionFactory.java

Uma imagem com texto, monitor, captura de ecrã

Descrição gerada automaticamente

Here the factory object is being used in another class to create different menuItem objects.

This is a factory method design pattern because this single class can be used by other classes to instantiate objects of different classes (menuItem, checkMenuItem, menu…) like a factory.

Using this design pattern avoids repeated code and simplifies the creation process of the objects because the factory class can create all of the objects that are needed instead of the classes using them.