**Padrões de design identificados (GOF)**

**Factory method**

***Code Snippet***

Uma imagem com texto

Descrição gerada automaticamente

Factory object

Uma imagem com texto

Descrição gerada automaticamente

Factory instantiated

**Code location:**

LoggerFactory class, method getLogger

Slf4-api-2.0.0-alpha5.jar/org/slf4j

Uma imagem com texto

Descrição gerada automaticamente

DiffHighlighting class

Src/main/java/org/jabref/gui/mergeentries/DiffHighlighting



RebuildFulltextSearchIndexAction class

Src/main/java/org/jabref/gui/search/RebuildFulltextSearchIndexAction



**Justification**

In this case the factory method is being instantiated beacuse two diferent loggers are being created by the same method (getLogger(Class<?> clazz)) that return the corresponding logger, given the name of the class, just like in the first code snnipet (but this one is with shapes).