Design patterns

FACTORY METHOD

Code snippet

Texto

Descrição gerada automaticamente

Location - src/main/java/org/jabref/model/entry/types/EntryTypeFactory.java

Receives a type as a String and returns the type according with that. If the type does not exists it creates an new unknown type.

OBSERVER PATTERN

Code Snippet

Texto

Descrição gerada automaticamente

Location - src/main/java/org/jabref/gui/collab/DatabaseChangeMonitor.java

Checks if the file has changes (using ChangeScanner class). If it has changes notifies all observers (listeners).

BUILDER

Code Snippet

Texto

Descrição gerada automaticamente

Texto

Descrição gerada automaticamente

Location - src/main/java/org/jabref/model/entry/BibEntryTypeBuilder.java

It receives the attributes of the BibEntryType to return. When it receives the build() command it returns the BibEntryType with the attributes it received previously, allowing BibEntryType to be immutable.