Milestone 3: Refactoring

Hassan J. Ndow

|  |  |  |
| --- | --- | --- |
| **Class** | **Condition** | **Description** |
| Table | Added | Abstract class that holds table related information. |
| XmlTable | Added | Extends Table; Holds table related information parsed from an xml file; parallels EdgeTable but designed for XML files. |
| Field | Added | Abstract class that holds field related information. |
| XmlField | Added | Holds field related information parsed from an xml file; parallels EdgeField but designed for XML files. |
| Connector | Added | Abstract class that holds table and field related information. |
| XmlConnector | Added | Extends Connector; Holds table and field related information parsed from an xml file; parallels EdgeConnector but designed for XML files. |
| ConvertFileParser | Added | Abstract class that opens and parses a file of a specific format. |
| XmlConvertFileParser | Added | Opens and parses an xml file. Parsing implementation handled differently than EdgeConvertFileParser. |
| ConvertCreateDDL | Added | Abstract class to convert a file of a specified format to a specified database DDL. |
| XmlConvertCreateDDL | Added | Extends ConvertCreateDDL, Abstract class to convert XML to a specified database DDL. |
| ConvertCreateOracle | Added | Extends ConvertCreateDDL; creates an sql file consisting of Oracle DDL statements |
| XmlCreateDDLOracle | Added | Extends XmlConvertCreateDDL; creates an sql file consisting of Oracle DDL statements. |
| XmlCreateDDLMySQL | Added | Extends XmlConvertCreateDDL; creates an sql file consisting of MySQL DDL statements. |
| EdgeTable | Refactored | Extends Table. |
| EdgeField | Refactored | Extends Field. |
| EdgeConnector | Refactored | Extends Connector. |
| EdgeConvertGUI | Refactored | Updated GUI to handle added/refactored classes. |
| EdgeConvertCreateDDL | Refactored | Extends ConvertCreateDDL |
| EdgeConvertFileParser | Refactored | Extends ConvertFileParser |

**Goal**:

By implementing abstract classes and effectively creating condition flags to better control the system of the application, we were able to handle the input/output of the application with the ability to use more than one format. A factory/builder designed application will be useful in paving the path for future implementation of other input files and output database scripts.