ISTE 422 Application Development Practices Final Group Project
Refactored, abstracted, and refined code description
Group 1: Maxwell Sweikert, Ryan Castner, Nina Yakovchits
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This document includes the description on what we have changed in the given code and why we did it.

CreateDDLMySQL.java

Made static constant to represent SQL data types so you don't have to remember 0 = varchar ect.

Switch statement instead of nested IFs in createDDL() method. Changed primary key counting in createDDL() to be more clean.

In generateDatabaseName() we changed from while loop to no loop because there was no need to use the loop in the first place.

EdgeConnector.java

No changes were made. They are not necessary.

EdgeConvertCreateDDL.java

Initialize uses for each loop instead of normal for loop to for betteritereating and cleaned up some ode to eliminate nested if statements.

EdgeConvertFileParser.java

In resolveConnectors() we abstracted out filed and table indexes for endpoints to eliminate repetitive code.

EdgeConvertGUI.java

Created Help function that appears in the GUI. Fixed the bug regarding "Create DDL button". Before the bug was fixed, the same window appeared after clicking "Cancel." Added XML file menu.

EdgeField.java

There was no need for refactoring here as this did not do much computations

EdgeTable.java

There was no need for refactoring here as this did not do much computations

ExampleFileFilter.java

There was no need for refactoring here as this did not do much computations

RunEdgeConvert.java

There was no need for refactoring here as this did not do much

fileParser.java

Extracted code for the file parser that would be common to both Edge and XML File parsers

EdgeConvertXMLParser.java

Implemented an XML parser using DOM. Reads XML style attributes which are nested for each table. Structure of the xml file can be seen in the "Curses.xml" file on github.