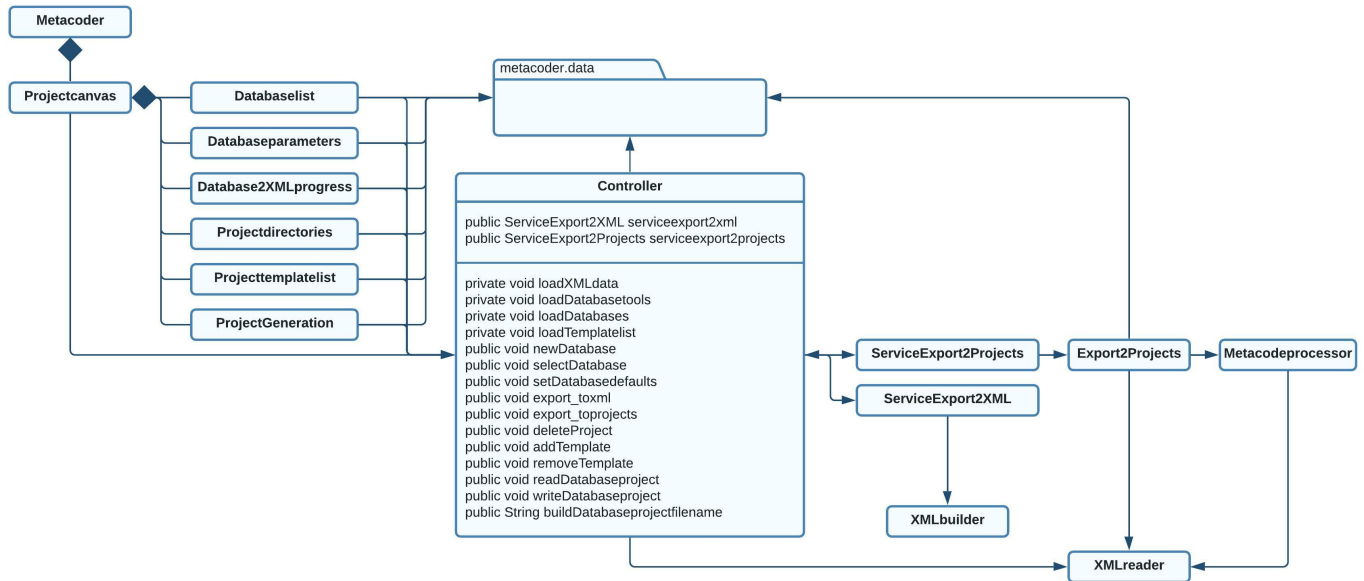


Program class diagram

The class diagrams are a practical overview of the most significant classes and their relations

GUI design

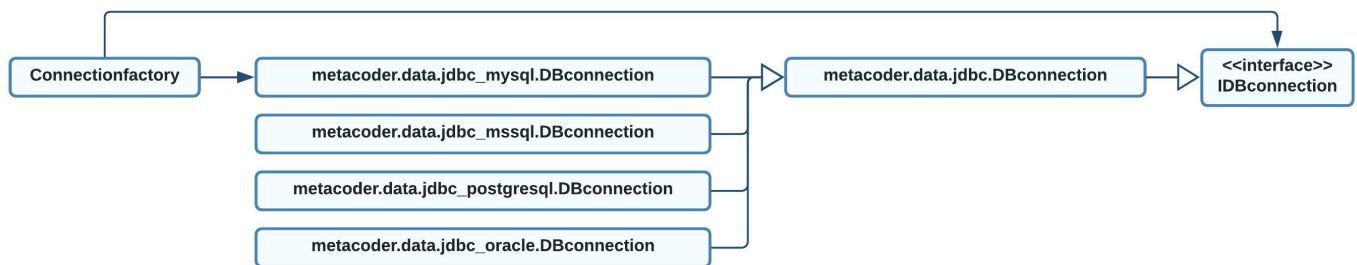


Metacoder is the main class, with Projectcanvas containing all GUI elements.

All data classes are grouped in the package metacoder.data.

The controller manages the data changed in the GUI, saves this to the xml files and launches the code generation.

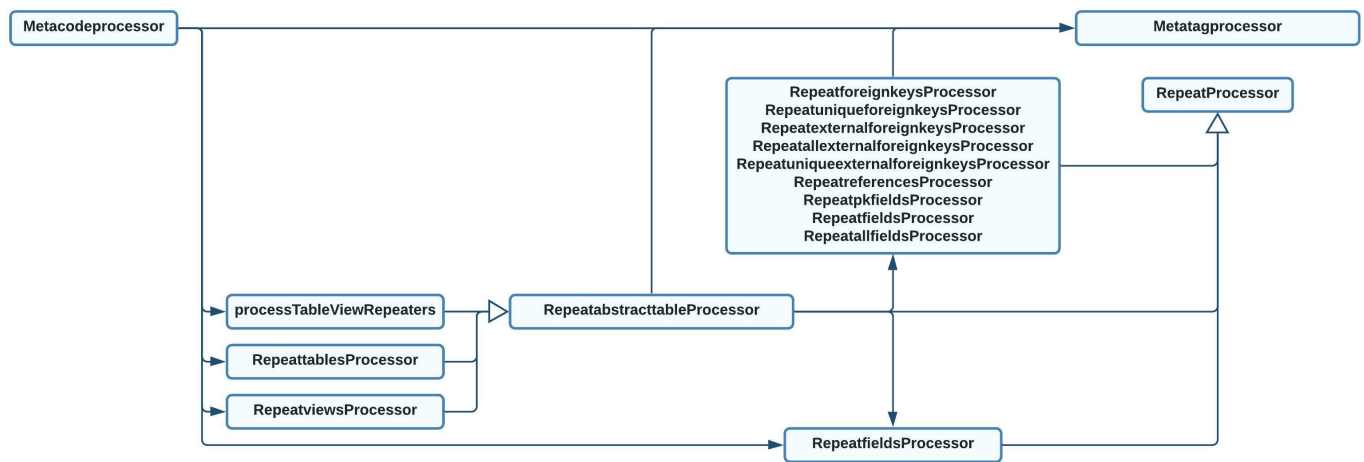
Database connection



The general DBconnection contains all functionality to retrieve database metadata. For each database tool there is a subclass which contains overridden methods if that is required for this database.

This can easily be extended to more databases.

Code generation



The Metatagprocessor generates the project code and uses these specialized RepeatProcessors for each kind of database properties defined in the metacode.

All repeaters translate the iterations through the various database properties.

Metatagprocessor contains the actual translation methods for each property.