

ORM in Java & Postgres

SWE3



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ORM Functionality:

* A Good ORM can lead to much less code and much less repetition in a project
* Allows the Changes in Database technologies
* Queries should be generated by the mapper without even thinking about the Dialect or how the transaction is happening
* The Mapper is designed Code first following these steps:
  + configuring the connection to the database as settings in persistence layer
  + adding the classes as tables and the properties as columns in Entity layer
  + adding the different functions (select, delete, insert, update, drop...) in services layer
  + adding transactions service (join, find...) in services layer
  + Model layer is used to show a demo of the ORM and use the annotations
  + Annotation layer to define the Reflection function that will define the tables and columns