



# SQLAlchemy

- Before we can get into schema migrations, we'll need an initial schema - our initial Data Model.
- [SQLAlchemy](#) is good at *a lot* of things, in this case we'll be using it's ORM (Object Relational Mapper) feature to define our DB schema from plain old Python classes.



# Exercise #1 - ORM

- `git checkout exercise-1`
- In our editor, we will create a couple of simple models and relationships, and observe how these models can be used to generate our DB schema in postgresSQL using `create_all()` (see it in models.py)
- Similarly, we can drop the schema using `drop_all()`
- Insert a few records into the DB using the `SQLAlchemy session` (see this happening in run.py)