

Database with Python.



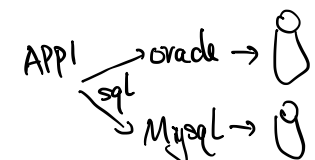
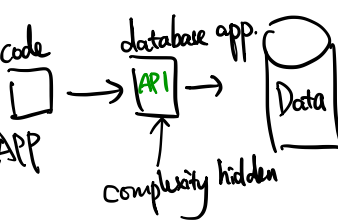
SQL

Structured query language:

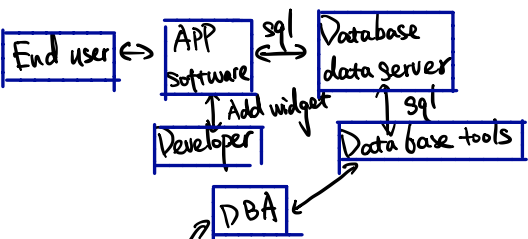
- Create table
- Retrieve some data
- Insert data/Update
- Delete data

Relational Databases:

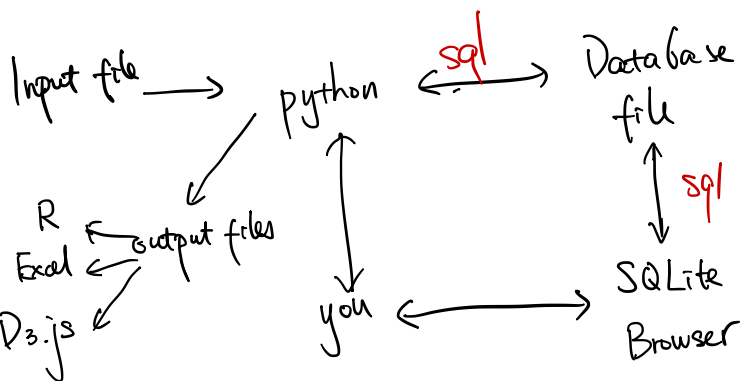
tables = rows ; cols
multiple tables, relations between
those tables are involved in the query



sql deals with structured data



he is for maintenance; design, implement, repair DBs.



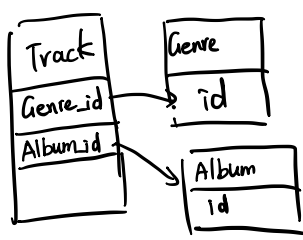
Database model is the structure or format of database.
Data schema

Database System

- Oracle: Large. commercial enterprise -scale, very very tweakable.
- MySQL: Simpler but faster and scalable (websites)
- sql server. Microsoft.

other free open source:

HSQL, SQLite, Postgress.



Primary key: The end of an arrow
Logical key: how you search things, usually in a 'where' clause
Foreign key: The start of an arrow,
see the example of how to create these tables