

Exercises: Persistence

For the purposes of this exercise a “contacts database” is a system that stores names, addresses, and phone numbers (landlines or mobiles) of people or organizations with the ability to lookup information about a record by presenting bits of information to be searched for.

Part A

Create a small personal contacts database using `shelve`.

Part B

Create a small personal contacts database using `SQLite`.

Part C

Create a small personal contacts database using `PyMongo`.

Part D

Create a small personal contacts database using `SQLAlchemy`.

The SQLite version should be usable with any SQL-based client, the PyMongo version with any MongoDB client, but the shelve-based version will require a Python client.