



# Databases

## Before we start...

- Concepts, not implementation
- Tortured metaphors
- Relational databases



# What is a database

# What is a database?

A database is a model of the real-world scenario that your application deals with.

This is broken down into real-world things (entities) that your website deals with, along with their relevant properties (fields) and relationships (relationships).



**Why would you use one?**

# Key database concepts

	Real world	Databases
Language	English (UK vs US)	SQL (syntax differences)
Database Management System	Library	PostgreSQL, MySQL
Database	Collection of books	Database
Schema	Classification system	Schema
Client	Library terminal, librarian	PSQL, node-postgres

# Final thoughts

- Designing a schema means understanding a situation
- Useful as reference tools
- Often no single correct way to design a schema
- Choices have consequences