

What is a Database?

Section 2, Video 8

MySQL 2.0: Intro to MySQL (slides.com).

Def. **Database** - Collection of data

- filing cabinet of medical records
- to-do list
- phone book
- Rolodex of contact info



Ex. Giant phonebook

-Find a phone # by flipping through book, finding name of person, then finding their number (EASY)

-Find all phone numbers with area code 352 (HARDER) -automate through program

Def. **Database Management System** (Relational Database Sys, RDS) - Interface for data

▼ **Database**

▼ **Database Management**

Sometimes people refer to DBMS and database as one unit

Databases are the physical sets of data

“A structured set of computerized data with an accessible interface”

System (DBMS)

DBMS is the program that talks to our database so we can use it for apps/development

Are actually considered DBMS even tho people call them “databases”

- PostgreSQL
- Oracle Database
- MySQL
- SQLite