



ft_db

What's a Database

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Summary: Don't know what a database is? Now you do!

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Chapter I

Foreword

Database, as cited from wikipedia:

ft_db is an organized collection of data. It is the collection of schemas, tables, queries, reports, views and other objects. The data are typically organized to model aspects of reality in a way that supports processes requiring information, such as modelling the availability of computers in a cluster in a way that supports finding a row with vacancies.

A database management system (DBMS) is a computer software application that interacts with the user, other applications, and the database itself to capture and analyze data. A general-purpose DMBS is designed to allow the definition, creation, querting, up-date and administration of databases. Well-known DBMSs include MySQL, PostgreSQL, MongoDB, MariaDB, Microsoft SQL Server, Ocracle, Sysbase, SAP HANA, MemSQL and IBM DB2. A database is generally portable across different DBMSs, but different DBMS can interoperate by using standards such as SQL and ODBC or JDBC to allow a single application to work with more than one DBMS. Database management systems are often classified according to the database model that they support; the most popular database systems since the 1980's have all supported the realtional model as reppresented by the SQL langauge. Sometimes a DBMS is also referred to as ft_db.

ft_db isn't really anything here in the foreword. Yet.

You might want to read how [Databases have failed the web](#).

You might want to ask some questions!

Chapter II

Introduction

- Only this page will serve as reference; do not trust rumors.
- Watch out!

This document could potentially change up to an hour before submission.

- This project is due in three weeks.
- This project is about databases.
- This project is about communication.
- How will your team meet the requirements?
- What are the requirements?
- All questions need to be asked on the slack channel provided.
- Everyone must be in the slack channel to participate.

Chapter III

Goals

Create a database meeting the included requirements.

Ask questions and achieve clarification of requirements.

Make sure you know what you need to be working on.

Make sure you know what your group needs to be working on.

Make sure the current project requirements are being met.

Rigorously check the **pdf** and **slack** for updates.

Keeping your project current with current requirements.

Chapter IV

General instructions

1. Find a group.
2. Create a database.
3. ????
4. PROFIT!!!

Chapter V

Mandatory part

Be sure you are in the `slack` channel, it's mandatory!
Your login name must match your intra to get credit.

April 9th 2016 08:43 hmichals asks:

`Does we need to program this in C?`

`ft_db` replied:

`Now you do!`

April 9th 2016 08:44 dduong asks:

`Does it need to have a Makefile`

`ft_db` replied:

`Now it does!`

Chapter VI

Bonus part

Are you really sure of all the requirements?

Why don't you ask more questions on slack

Chapter VII

Turn-in and peer-evaluation

Turn your work in using your `Git` repository, as usual. Only work present on your repository will be graded in defense.



This subject can change up to an hour before the project is due!



THIS IS NOT THE FINAL PDF