

**B4M36DS2, BE4M36DS2: Database Systems 2**

<http://www.ksi.mff.cuni.cz/~svoboda/courses/201-B4M36DS2/>

Practical Class 0

# Organization

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# Lab Accounts

## Lab E-328 user accounts

- Set your new password
  - <https://www.felk.cvut.cz/labpass/>

# NoSQL Server

## NoSQL server

- SSH and SFTP access
- **nosql.ms.mff.cuni.cz:42222**
  - XPath, XQuery, SPARQL, MapReduce, Riak, Redis, Cassandra, MongoDB, Neo4j
- Login and password: sent by e-mail

# Useful Tools

## Linux

- `ssh -p port login@host`
  - `exit`
- `sftp -P port login@host`
  - `cd directory`
  - `ls`
  - `put local remote`
  - `get remote local`
  - `bye` or `exit`

## Windows

- **PuTTY** – <http://www.chiark.greenend.org.uk/~sgtatham/putty/>
- **WinSCP** – <http://winscp.net/>

# Firsts Steps

## Change your initial password

- passwd

## Browse important directories

- /home/login/ – personal directory with your data
- /home/DS2/ – shared directory with course data

# Homework Assignments

## Learn how to submit your home assignments

- `submit name`
  - Submits everything located in a sub-directory with name `name`
  - This `name` parameter must also correspond to one of the predefined assignment names (e.g. `mapreduce`, ...)