

NDBI040: Big Data Management and NoSQL Databases

<http://www.ksi.mff.cuni.cz/~svoboda/courses/171-NDBI040/>

Practical Class 0

Organization

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NoSQL Servers

NoSQL servers

- SSH and SFTP access
- **nosql.ms.mff.cuni.cz:42222**
 - XQuery, Riak, Redis, Cassandra, MongoDB, Neo4j
- **acheron.ms.mff.cuni.cz:20104**
 - MapReduce
- 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/NOSQL/ – 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`, ...)