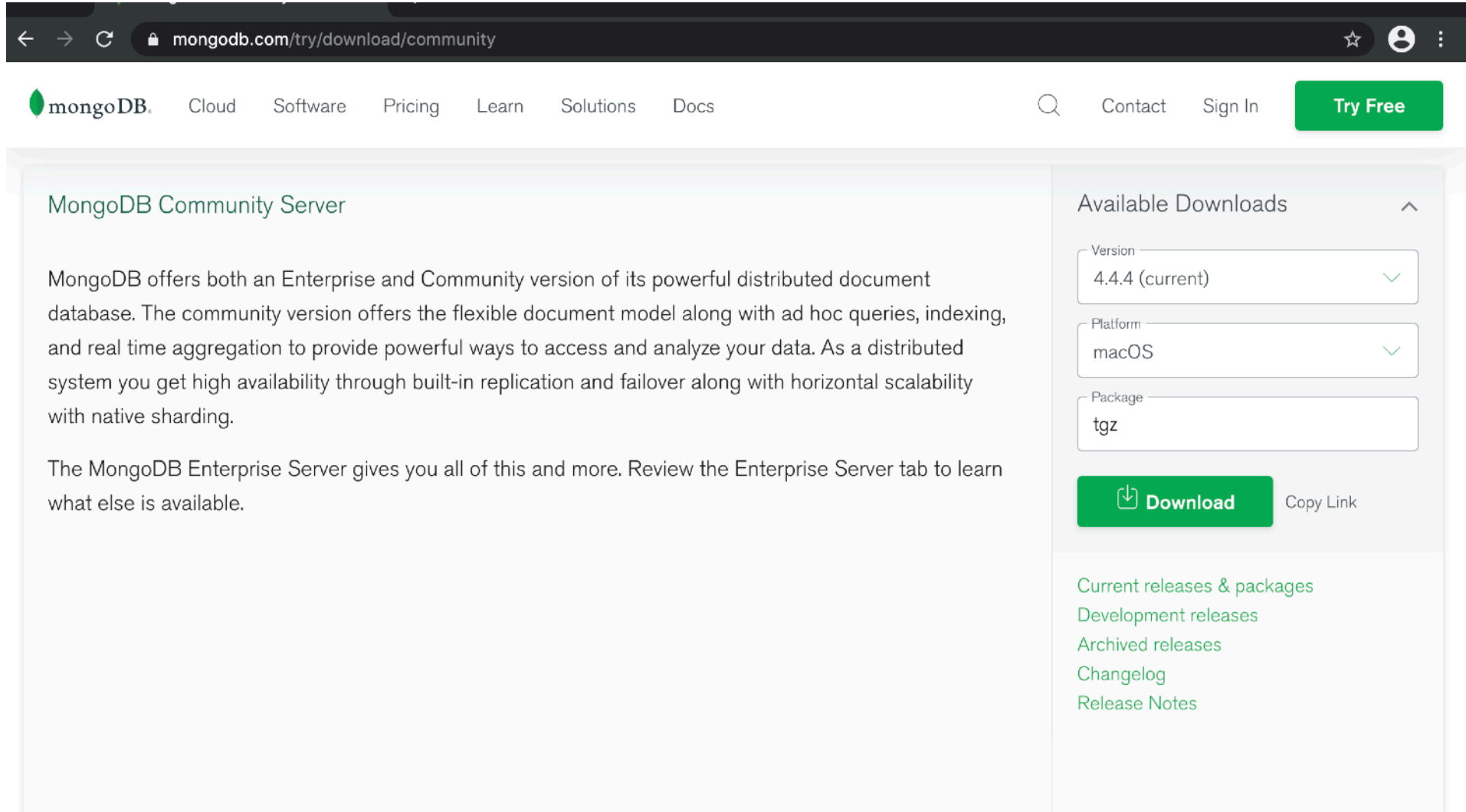




UNIVERSITÀ
DI TORINO



Download MongoDB



The screenshot shows the MongoDB download page for the community edition. The browser address bar displays `mongodb.com/try/download/community`. The navigation bar includes links for Cloud, Software, Pricing, Learn, Solutions, and Docs, along with a search icon, Contact, Sign In, and a green Try Free button. The main content area is divided into two columns. The left column, titled 'MongoDB Community Server', contains two paragraphs: the first describes the community version's features like flexible document model, indexing, and real-time aggregation; the second mentions the Enterprise Server and provides a link to learn more. The right column, titled 'Available Downloads', features three dropdown menus for Version (4.4.4 (current)), Platform (macOS), and Package (tgz). Below these is a green Download button and a Copy Link button. At the bottom of the right column are links for Current releases & packages, Development releases, Archived releases, Changelog, and Release Notes.

MongoDB Community Server

MongoDB offers both an Enterprise and Community version of its powerful distributed document database. The community version offers the flexible document model along with ad hoc queries, indexing, and real time aggregation to provide powerful ways to access and analyze your data. As a distributed system you get high availability through built-in replication and failover along with horizontal scalability with native sharding.

The MongoDB Enterprise Server gives you all of this and more. Review the Enterprise Server tab to learn what else is available.

Available Downloads

Version: 4.4.4 (current) ✓

Platform: macOS ✓

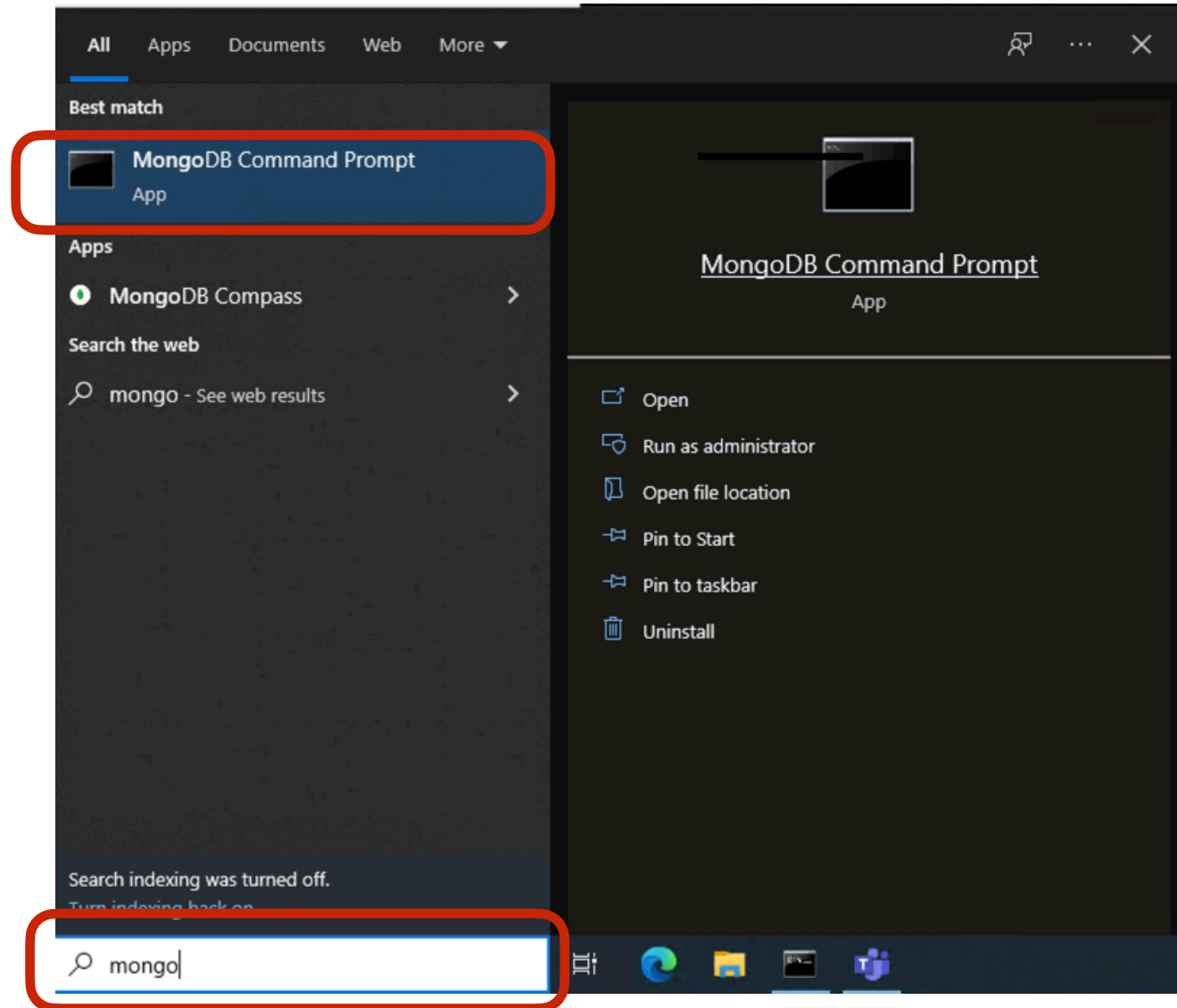
Package: tgz

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[Current releases & packages](#)
[Development releases](#)
[Archived releases](#)
[Changelog](#)
[Release Notes](#)

Managed Windows Computers

download from
the Software
Centre, then...



- to start mongo db
 - open the mongod prompt
 - `C:\> mkdir data/db`
 - `C:\> cd data`
 - `C:\> mkdir db`
 - `C:> >mongod --dbpath db --port 27017`
 - this will make sure that mongo is on port 27017 and that the db directory is data/db


```
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on a Mac

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administrator@Saturn Downloads % tar -xvzf mongodb-macos-x86_64-4.4.4.tgz
x mongodb-macos-x86_64-4.4.4/LICENSE-Community.txt
x mongodb-macos-x86_64-4.4.4/MPL-2
x mongodb-macos-x86_64-4.4.4/README
x mongodb-macos-x86_64-4.4.4/THIRD-PARTY-NOTICES
x mongodb-macos-x86_64-4.4.4/bin/install_compass
x mongodb-macos-x86_64-4.4.4/bin/mongo
x mongodb-macos-x86_64-4.4.4/bin/mongod
x mongodb-macos-x86_64-4.4.4/bin/mongos
administrator@Saturn Downloads %
```

Move the created folder into a suitable place, e.g. your home directory or somewhere under /lib

on a Mac (2)

- `mkdir ~/data/db`
- `sudo <path to your mongo instance>/bin/mongod --dbpath ~/data/db --port 27017`
- if you want to keep it running:
- `sudo <path to your mongo instance>/bin/mongod --dbpath /data/db --port 27017 --fork --logpath mongolog.log`

Today's Lab Class

- We will modify one of the exercises from week 1
 - the one about getting the age of Micky Mouse
 - however, this time we will use MongoDB to get the age of Mickey Mouse
- We will first analyse a potential solution
 - Then you will be required to modify the solution to enhance it with an additional functionality