

IGME 430 - Rich Media II

Setting up MongoDB Locally

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Setting up MongoDB on Lab Machines

MongoDB is already installed on the IGM Lab computers, but it requires some configuration to run correctly. You will need to follow these instructions each time you want to launch MongoDB on the lab computers.

1. Open File Explorer, and navigate to the C:/ drive. In the root of the C:/ drive, create a folder called **data**. Inside the data folder, create a folder called **db**.
2. Navigate to **C:/Program Files/MongoDB/server/5.0/bin**. Note: the version might not be 5.0, just navigate to whatever folder is in the server folder.
3. Run **mongod.exe**. You should see a command window open, and remain open. Keep this window open, as it is the database server you will be connecting to.
4. To connect to your local database with MongoDB Compass, the connection string is **mongodb://localhost:27017**

Setting up MongoDB on your Personal Machine

To use MongoDB on your personal machine, you will need to install it.

1. Navigate to <https://www.mongodb.com/try/download/community> to download MongoDB Community Server.
2. Run the installer. While installing, you will have the option to install MongoDB as a service. Installing as a service will have your local mongo database running in the background on your computer at all times. This is quite convenient, as it means you never need to think about it.

Mongo is very lightweight (especially when not in use) so it shouldn't have any effect on your computer. If you don't want it running all the time, don't install it as a service.

Mongo will also install MongoDB Compass, which is the GUI for interacting with your data.

3. If you installed MongoDB as a service, it should automatically run in the background and you should be all set. If you installed it as an executable, use the "Lab Computer" instructions above (starting at Step 2) to run it.
4. To connect to your local database with MongoDB Compass, the connection string is **mongodb://localhost:27017**