

## P14 TRANSCRIPT – MONGODB

00:31

Okay, MongoDB

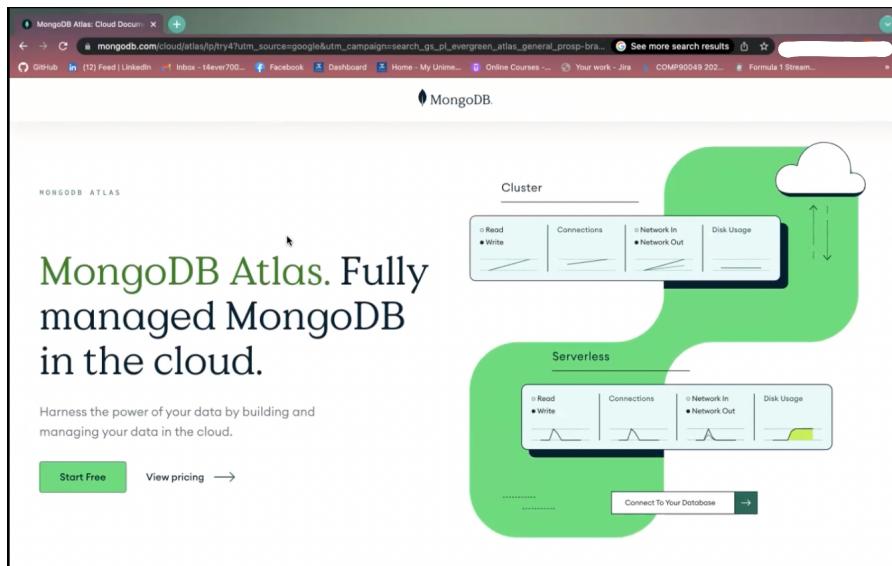
**Observer:** Are you familiar with MongoDB

00:34

Hm... kind of I know what it is I know it's no sequel but I've never used it before

00:46

**He searches MongoDB on Google and clicks on the official website** yeah so just going on the website... Should we... **he goes back and searches on google again for “mongodb installation”. He clicks on the first option (official website)**



01:09

MongoDB Atlas, I'm assuming this is the right MongoDB. Oh, this isn't the cloud... Hold on **he goes back to the google search and take a loop at the other options**

The screenshot shows a Google search results page for the query "mongodb installation". The top result is a Medium article titled "How to Download & Install MongoDB on Windows - Medium". The article contains five steps for installing MongoDB on Windows:

- Step 1 — Download the MongoDB MSI Installer Package. Head over here and download the current version of MongoDB. ...
- Step 2 — Install MongoDB with the Installation Wizard. A. ...
- Step 3— Create the Data Folders to Store our Databases. A. ...
- Step 4 — Setup Alias Shortcuts for Mongo and Mongod. ...
- Step 5 — Verify That Setup was Successful.

The date "23 Oct 2018" is shown below the steps. Below the article, there are links to the MongoDB Manual and Community Edition documentation. A "People also ask" section is present at the bottom.

01:37

This should be right

The screenshot shows the MongoDB Documentation website at <https://www.mongodb.com/docs/manual/installation/>. The page title is "Install MongoDB". It states that MongoDB is available in two server editions: *Community* and *Enterprise*. A note about "MongoDB Atlas" is provided, stating it is a hosted service requiring no installation overhead. The main content area contains instructions for upgrading the current deployment to MongoDB 6.0 or the latest patch release. A sidebar on the right lists "MongoDB Installation Tutorials" and "Supported Platforms". The left sidebar shows a navigation tree for the MongoDB Manual, with "Installation" currently selected.

01:47

MacOS Community Edition MongoDB he clicks on the mac option, a new page opens and he starts reading it

The screenshot shows the MongoDB Documentation page for "Install MongoDB Community Edition on macOS". The left sidebar has a dropdown menu under "MongoDB Manual" set to "6.0 (current)". The "Install on macOS" section is expanded, showing options like "Install using .tgz Tarball", "Install on Windows", and "Install MongoDB Enterprise". The main content area is titled "Install MongoDB Community Edition on macOS" and includes a "NOTE" section about "MongoDB Atlas". Below this, there's an "Overview" section with instructions for installing MongoDB 6.0 on macOS using Homebrew, mentioning the MongoDB Database Tools. There's also a "MongoDB Version" section and a "Considerations" section.

This screenshot shows the same documentation page, but the "Install Xcode Command-Line Tools" section is highlighted. It contains a bullet point with a command: "Install the Xcode command-line tools by running the following command in your macOS Terminal:  
xcde-select --install". Below this, the "Install Homebrew" section is shown, with a note that macOS does not include the Homebrew brew package by default and a bullet point to install brew using official instructions.

02:28

okay I don't think I have the prerequisites on... **he was reading the prerequisites do download mongodb. He then opens a command prompt window and install the prerequisite. He checked but the thing they asked is already installed**

02:45

okay so that's already installed

02:46

it's already installed it does not include the Homebrew defaults I guess have to install those I'm not sure if I have this actually can't remember, well I think I actually have it I'm just gonna try installing custom if I don't I'm gonna go back because I think I've already got Homebrew so does Community Edition. **He checks if he has Homebrew installed** Oh okay, I have Homebrew and it's updating

05:03

Okay, so right now I'm just waiting for Homebrew to update and then I will these two steps at once and then I'm going to do the *burden school*(?) tested later by running

05:27

**Observer:** do you use the Homebrew thing or something have on your computer?

05:35

I might have used it before because I have to install... I just install a lot of stuff with a terminal but I can't like I can't I can't remember I can't remember because I've installed so many things. So I must have like but it's taking a while to update which I don't know why **He was updating homebrew and it's taking while**

06:03

I don't know why it's taking so long to update it, shouldn't take that long to update things um but yeah. **He goes back to the MongoDB website and starts reading the content on the page while he waits for Homebrew to update** I mean just...right.

06:52

as a MacOS service... yeah I'm assuming this is designed for like this stuff is just like designed for running on a server, like usually probably should be running on like some Linux server. Oh let's see... **he goes back to see the terminal and it has finished updating. He now types the "brew update" command and goes back to the MongoDB website**

08:12

The Homebrew process finishes Now installing MongoDB... halfway through the process he faces an error "Error: Your Command Line Tools" Whoo, here is there any issues are command line tools are too outdated? This mean if that doesn't show you any updates on how to do this. Will this take a long time? I don't know he randomly types a command on the terminal to see what softwares on his computer are updated or not updated

```
--- Downloading https://ghcr.io/v2/homebrew/core/node/16/blobs/sha256:3bd042fa3c5ec85f803dc9540259339fe8e9
--- Downloading from https://pkg-containers.githubusercontent.com/ghcr1/blobs/sha256:3bd042fa3c5ec85f803dc
#####
 100.0%
--- Downloading https://ghcr.io/v2/homebrew/core/mongosh/manifests/1.6.0
#####
 100.0%
--- Downloading https://ghcr.io/v2/homebrew/core/mongosh/blobs/sha256:10abed052a285196c66fb604d35bf8d3dbc5
--- Downloading from https://pkg-containers.githubusercontent.com/ghcr1/blobs/sha256:10abed052a285196c66fb
#####
 100.0%
--- Downloading https://fastdl.mongodb.org/osx/mongodb-macos-x86_64-6.0.1.tgz
#####
 100.0%
---> Installing mongodb-community from mongodb/brew
Error: Your Command Line Tools are too outdated.
Update them from Software Update in System Preferences or run:
softwareupdate --all --install --force

If that doesn't show you any updates, run:
sudo rm -rf /Library/Developer/CommandLineTools
sudo xcode-select --install

Alternatively, manually download them from:
https://developer.apple.com/download/all/
You should download the Command Line Tools for Xcode 13.4.

[REDACTED] MacBook-Pro ~ % softwareupdate --all
usage: softwareupdate <cmd> {args} ...
** Manage Updates:
  -l | --list           List all appropriate update labels (options: --no-scan, --product-types)
  -d | --download        Download Only
  -i | --install          Install
    <label> ...       specific updates
    -a | --all            All appropriate updates
    -R | --restart         Automatically restart (or shut down) if required to complete installation.
    -r | --recommended      Only recommended updates
    --os-only             Only OS updates
    --safari-only          Only Safari updates
    --stdin-pass           Password to authenticate as an owner, Apple Silicon only.
    --user                Local username to authenticate as an owner, Apple Silicon only.
  --list-full-installers List the available macOS Installers
  --fetch-full-installer Install the latest recommended macOS Installer
    --full-installer-version The version of macOS to install. Ex: --full-installer-version 10.15
  --install-rosetta       Install Rosetta 2
  --background            Trigger a background scan and update operation

** Other Tools:
  --dump-state           Log the internal state of the SU daemon to /var/log/install.log
  --evaluate-products     Evaluate a list of product keys specified by the --products option
  --history               Show the install history. By default, only displays updates installed by softwareupdate.

** Options:
  --no-scan              Do not scan when listing or installing updates (use available updates previously scanned)
  --product-types <type> Limit a scan to a particular product type only - ignoring all others
    Ex: --product-types macOS || --product-types macOS,Safari
  --products              A comma-separated (no spaces) list of product keys to operate on.
  --force                 Force an operation to complete. Use with --background to trigger a background scan regardless of "Automatically check" pref
  --agree-to-license      Agree to the software license agreement without user interaction.

  --verbose               Enable verbose output
  --help                  Print this help

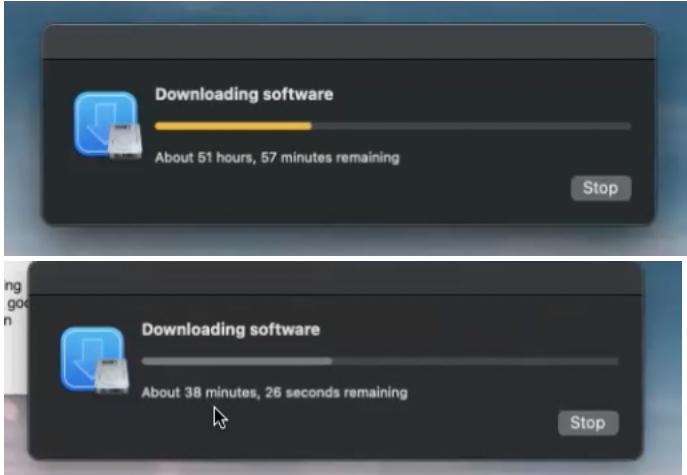
[REDACTED] MacBook-Pro ~ % sudo rm -rf /Library/Developer/CommandLineTools
[REDACTED]
```

11:14

He reads the text on the terminal and follows the suggestion given by the terminal. He used the command "sudo xcode-select --install", that command installs xcode I think at first, I don't know what's happening...so I thought I had Xcode before he proceeds with the xcode installation

11:50

I have no idea what Xcode what that dependency is? To be honest. Um... Why is it... Why does it say 51 hours to update, I'm gonna try to re-run that. he runs the command to install xcode again



12:31

He runs it again and still shows 38 minutes That doesn't look right. That's not even moving by the right time. But yeah, I have no idea what that dependency was

12:52

**Observer:** when you look for installation instructions, you usually go to the official documentation, or do you prefer...?

13:01

I would go to the official one like this. And then if I have issues, I go to maybe like some Stack Overflow or something. But mostly go to this (*official documentation*) first, because this is my most recent if there's some sort of update, some other discussion forum would be outdated. There's something new to this. And yeah.

13:29

Hopefully this is faster and just works. I don't know why. I don't know why I said I had Xcode before. But there was like some extra tax cuts. Like, maybe I should have just updated that. The instructions you gave before I think told me to Rm that which was like deleting it. Sorry, that would have taken way too long. I shouldn't have done that maybe. I think hopefully, after this, I can just install and make it work easily.

14:06

The biggest issue I have with installing stuff is versioning and dependencies. It's annoying. Hopefully, because this one is just one version of it on straight on my back. So hopefully it's easy. If I'm doing something with like Python libraries. And I have because yeah, because I use a lot of different virtual environments and then managing Python versions and different dependency versions is very annoying.

15:02

Or like, you have the right Python and you got to make sure that they're pointing to the right version? If you have multiple versions running on the same computer, it gets quickly unmanageable.

15:16

Um, yeah. So

15:27

**Observer:** So you use a lot of python tools?

15:31

Yeah, there's not as much of an issue now, because it did. So. With before, like, I'd be having different classes that use Python, but then they have different Python versions, they expect you to use or like use them, because I use it for different stuff, right. But nowadays, because I'm in like, my last semester of my degree, all my units are so, I'm doing AI, So most of my units are all like doing the same thing. So like machine learning. And then so now, it's not as much of a problem, because I go to different classes for different projects. I'm using the same libraries. I don't have to get like different, like, use different versions and check different versions. That was like annoying before.

24:41

Xcode finishes installing, he goes back to the mongodb website and copies the command `brew install mongodb-community@6.0` to install mongodb I started the servers...yep, successfully installed.

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25:45

**Observer:** Okay, did you have any challenges the installation process?

25:51

Hm...I guess the only challenges would be when I tried to install this (xcode), instead, I had it installed. And then when I tried to, so install MongoDB, some software updated. That took a long time, and I had to like update all that. But after that, installing it was very easy. And checking that it started installing. So making sure the other requirements and updates took a long time.

26:26

**Observer:** What did you do to overcome the challenges?

26:32

I guess over there the terminal was just explained, I guess, I guess, and I had to read it. It was a bit confusing at first, but and but then I just did what it said. And then it updated, fairly straightforward.

26:54

**Observer:** What support/information could have made the installation process easier?

27:10

Not really I guess, I guess I, um, I had all of this. I think this just official manual was good enough. And also the terminal itself, when it told me I needed to update stuff to terminal itself. It was pretty... So Yeah, the documentation is was enough. If if it had any more issues with dependencies, I would have probably had a critical look at look at some other like GitHub pages where they're talking about oh, like Stalker was like, which like, but I didn't have any other issues today.

