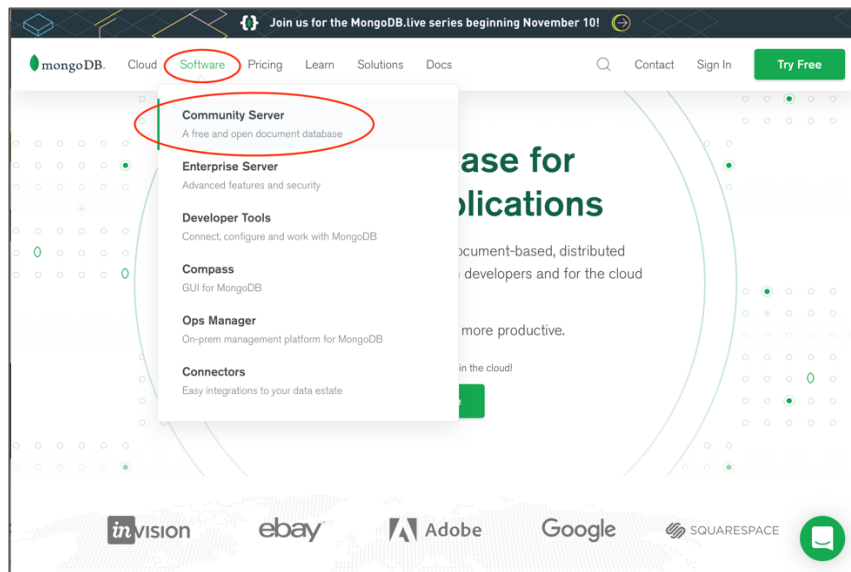


Installing MongoDB

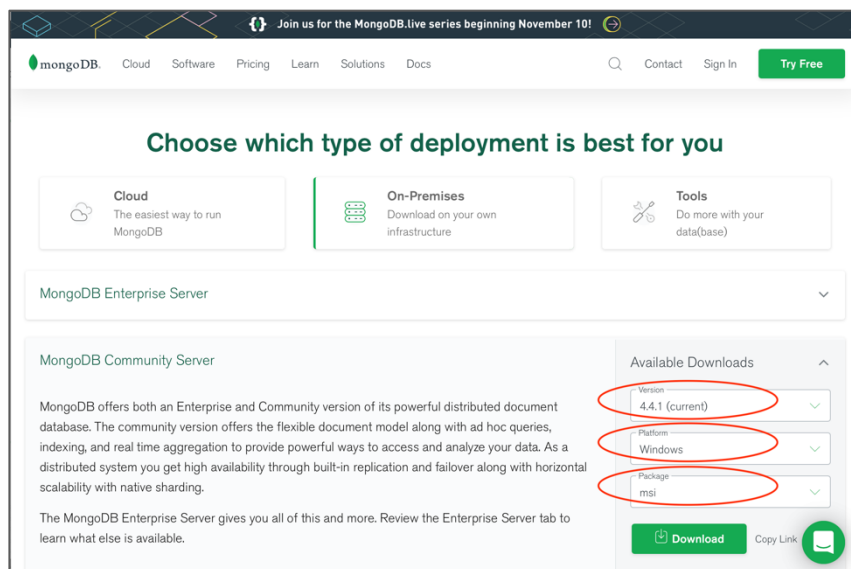
Windows

The video at <https://www.youtube.com/watch?v=sluiQOXKUmQ> demonstrates the installation of the latest version of MongoDB on Windows 10.

Note that the layout of the MongoDB website at <https://www.mongodb.com> has changed since this video was recorded – the current layout is shown below, with the 2 items that you need to select highlighted.

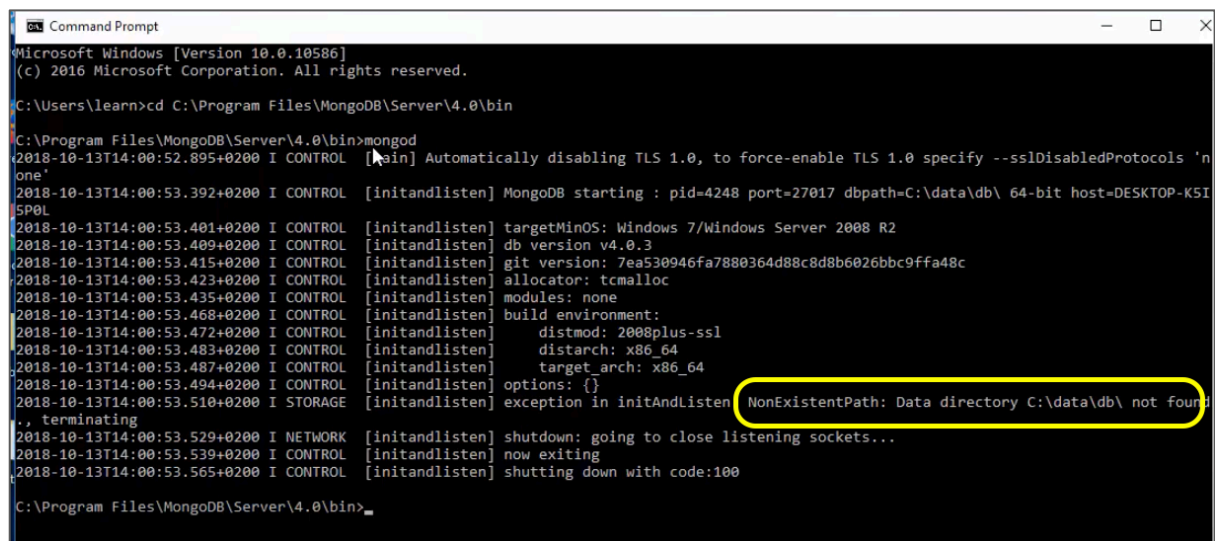


Once you select “Software” and “Community Server”, you will be delivered at the product selection pages below, from where you should select the version number identified as “current”, “Windows” as the platform, and the “msi” (Microsoft Installer) package.



Once the installer has downloaded, you should be able to double-click on it and install as shown in the video.

Note that the video makes reference (at 4:47) to the need in previous versions of the installer for you to create the directory **C:\data\db** in which MongoDB will store the database files. This is indeed true, and I have not been able to test the claim in the video that the latest Windows installer does not require this. If, when you run the command **mongod**, an error such as that below is reported, then you will need to manually create the folder **C:\data\db**. You can see an example of that at <https://www.youtube.com/watch?v=FwMwO8pXfq0> from 4:22.



```
Microsoft Windows [Version 10.0.10586]
(c) 2016 Microsoft Corporation. All rights reserved.

C:\Users\learn>cd C:\Program Files\MongoDB\Server\4.0\bin
C:\Program Files\MongoDB\Server\4.0\bin>mongod
2018-10-13T14:00:52.895+0200 I CONTROL [main] Automatically disabling TLS 1.0, to force-enable TLS 1.0 specify --sslDisabledProtocols 'none'
2018-10-13T14:00:53.392+0200 I CONTROL [initandlisten] MongoDB starting : pid=4248 port=27017 dbpath=C:\data\db\ 64-bit host=DESKTOP-KSI
2018-10-13T14:00:53.401+0200 I CONTROL [initandlisten] targetMinOS: Windows 7/Windows Server 2008 R2
2018-10-13T14:00:53.409+0200 I CONTROL [initandlisten] db version v4.0.3
2018-10-13T14:00:53.415+0200 I CONTROL [initandlisten] git version: 7ea530946fa7880364d88c8d8b6026bbc9ffa48c
2018-10-13T14:00:53.423+0200 I CONTROL [initandlisten] allocator: tcmalloc
2018-10-13T14:00:53.435+0200 I CONTROL [initandlisten] modules: none
2018-10-13T14:00:53.468+0200 I CONTROL [initandlisten] build environment:
2018-10-13T14:00:53.472+0200 I CONTROL [initandlisten]   distmod: 2008plus-ssl
2018-10-13T14:00:53.483+0200 I CONTROL [initandlisten]   distarch: x86_64
2018-10-13T14:00:53.487+0200 I CONTROL [initandlisten]   target_arch: x86_64
2018-10-13T14:00:53.494+0200 I CONTROL [initandlisten] options: {}
2018-10-13T14:00:53.510+0200 I STORAGE [initandlisten] exception in initAndListen: NonExistentPath: Data directory C:\data\db\ not found
., terminating
2018-10-13T14:00:53.529+0200 I NETWORK [initandlisten] shutdown: going to close listening sockets...
2018-10-13T14:00:53.539+0200 I CONTROL [initandlisten] now exiting
2018-10-13T14:00:53.565+0200 I CONTROL [initandlisten] shutting down with code:100

C:\Program Files\MongoDB\Server\4.0\bin>
```

MacOS

The installation process on MacOS is very different and has changed significantly since the release of the Catalina version of the operating system.

The best online guide that I have found is that at <https://zellwk.com/blog/install-mongodb/> which covers both Catalina and pre-Catalina installation. I have followed this step-by-step and found it to work well (apart from the issue described below that is specific to older macs that previously had MongoDB installed). There is also a video demonstration at <https://www.youtube.com/watch?v=OpKEw7093F8>.

If (as in my case) you have a Mac computer earlier than October 2019 and you have since upgraded the OS to Catalina, you will find that any previous installation of MongoDB will no longer work and installing the latest version as described above produces a “connection refused” error when you try to run the mongo client as shown below.

```
Error: couldn't connect to server 127.0.0.1:27017, connection attempt failed:
  SocketException: Error connecting to 127.0.0.1:27017 :: caused by ::
  Connection refused : connect@src/mongo/shell/mongo.js:341:17
```

I was able to work around this by manually deleting all contents from the folder **/usr/var/local/mongodb** as described at <https://apple.stackexchange.com/questions/372985/connection-refused-mongodb-4-2-on-mac-os>. You then need to stop the server by **brew services stop mongodb-community** and restart it for the change to take effect.

The command to delete the folder contents is **rm -r /usr/local/var/mongodb** – but please be careful when deleting files using the terminal as there are no second chances if you delete the wrong thing! See <https://www.macworld.com/article/2082021/master-the-command-line-deleting-files-and-folders.html> for information on deleting files from the Terminal on MacOS.