

How to Install DeepLabCut on a Windows 10+

Windows 10

Step 1. Download Anaconda. Anaconda is a free and open-source distribution of the Python and R programming languages for scientific computing, that aims to simplify package management.

Download the appropriate Anaconda file using this link:

<https://www.anaconda.com/distribution/>

Step 2. Navigate to **<http://www.mackenziemathislab.org/deeplabcut>** and scroll to the bottom of the page to locate the “DOWNLOAD CONDA FILE” button in purple. Download file.

Step 3. Make “DeepLabCut” folder in “Documents”

Step 4. Run Anaconda Navigator (**Anaconda3**)

Step 5. In Anaconda Navigator, launch “CMD.exe Prompt”. When you click on launch, you will see a command prompt window pop up.

Step 6. In this command window change the directory to where you saved your “DEEPLABCUT.yaml” file.

For example, type:

```
cd C:\Users\YourUserName\Documents\DeepLabCut
```

Yours should be similar to mine. If you are struggling, watch this video first. [Click Here](#)
If you're still struggling, come get me or the TA.

Step 7. Next download the necessary packages. You can do this by typing:

```
conda env create -f DEEPLABCUT.yaml
```

You will then see packages being downloaded and installed. This process will take a few minutes.

Step 8. You may be prompted to approve the installation of “python.exe”. If this happens, enter your administrator password. Further dependencies will be installed.

Step 9. When the installation is done, activate the environment by typing:

```
conda activate DEEPLABCUT
```

Step 10. Close command prompt.

Step 11. In the Anaconda Navigator, select “DeepLabCut” under the “Applications on” dropdown.

Step 12. Look for “CMD.exe Prompt” and click on “Install”. Enter Administrator credentials when prompted.

Step 13. After installing CMD.exe, click on “Launch”.

Step 14. To launch a DeepLabCut session, in the command prompt, type

```
ipython
```

Click enter button, followed by typing:

```
import deeplabcut
```

Click enter button again and then finally type in

```
deeplabcut.launch_dlc()
```

And click the enter button.

Your command prompt should look something like this:

```
(DEEPLABCUT) C:\Users\YourUserName>ipython
Python 3.8.10 | packaged by conda-forge | (default, May 11
2021, 06:25:23) [MSC v.1916 64 bit (AMD64)]
Type 'copyright', 'credits' or 'license' for more information
IPython 7.25.0 -- An enhanced Interactive Python. Type '?' for
help.
```

```
In [1]: import deeplabcut
```

```
In [2]: deeplabcut.launch_dlc()
```

Step 15. If you have successfully installed DeepLabCut you will see the DeepLabCut GUI appear.

