



# Installation PyCharm and Python

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## 1. Request JetBrains key

Follow the installation procedure as described below:

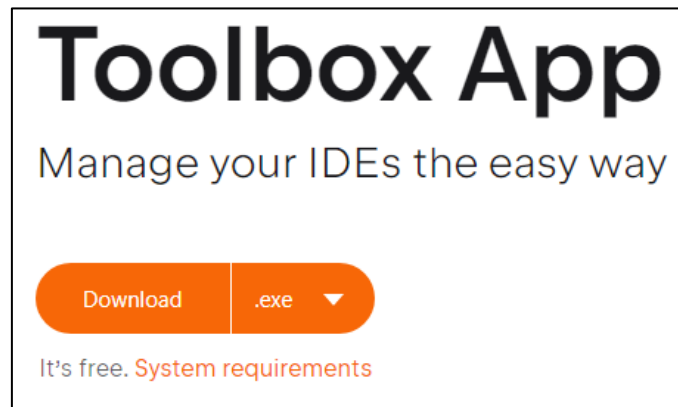
- Create an account on <https://account.jetbrains.com/login>.  
Fill in your Thomas More email address (at Create JetBrains Account) and click *Sign Up*.
- You will receive an email "Complete your account registration" in which you must confirm your registration. Click on the link in the email.
- Fill in the form and click *Submit*.
- Go to <https://www.jetbrains.com/student/> and click on *Apply Now*.
- Fill in the form and use the same Thomas More email address which you used to request your account. Click on *Apply for free products*.
- You will receive a second mail "JetBrains Educational Pack Confirmation" which you need to confirm. Click on the link in the email.
- Accept the terms of use by scrolling down and clicking *I accept* at the bottom.
- You will go to the homepage, where you can log in with your newly created account.

From now on, you can install all packages covered by the student license. During installation, you can register or activate the software via your "JetBrains Account".


## 2. Installation JetBrains Toolbox

Next, install the Toolbox App. This app allows you to easily control the entire installation of the JetBrains software and keep it up to date. Execute the following steps:

- Go to <https://www.jetbrains.com/toolbox/app/> and click on *Download*.

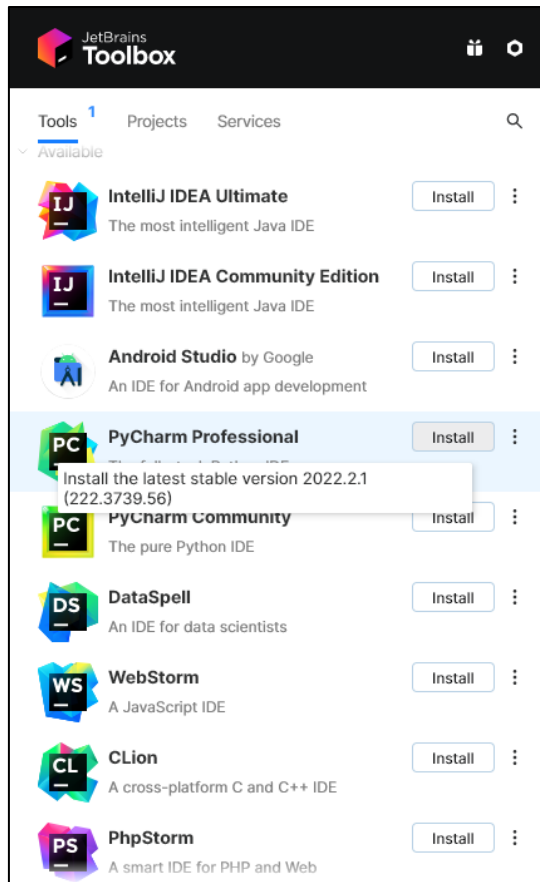


- Double-click on the installation file. Click on *Run*.
- Click on *Install*.
- Click *Finish* and leave the checkbox checked - the JetBrains Toolbox will start immediately.
- Click *Accept*.
- *After Toolbox has started*
  - Click "Continue"
  - Click "Accept License Agreement"
  - Choose a Theme and select "Get Started"

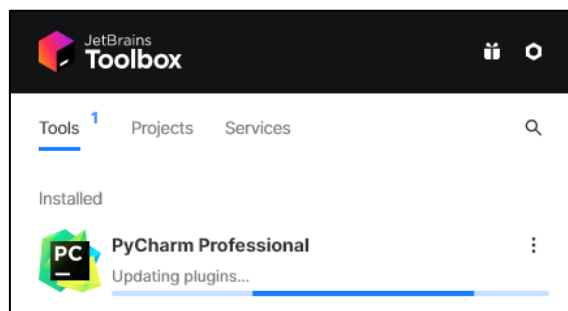
You can always open the Toolbox at a later time by clicking on the  icon in your taskbar or by searching for "JetBrains" in your start menu.

## 3. Installing PyCharm

- In the JetBrains Toolbox, scroll until you find the "PyCharm" installations.
- Click on *Install* next to **PyCharm Professional**
  - Do NOT install PyCharm Community or Edu.
  - Do NOT choose a version that has "RC" behind the name.

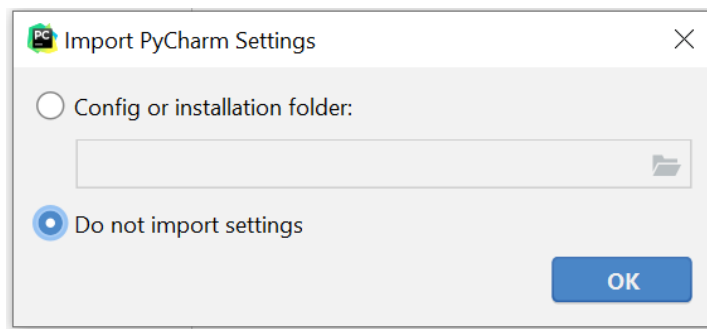


- The toolbox starts the download and installation. Wait patiently until this is over.

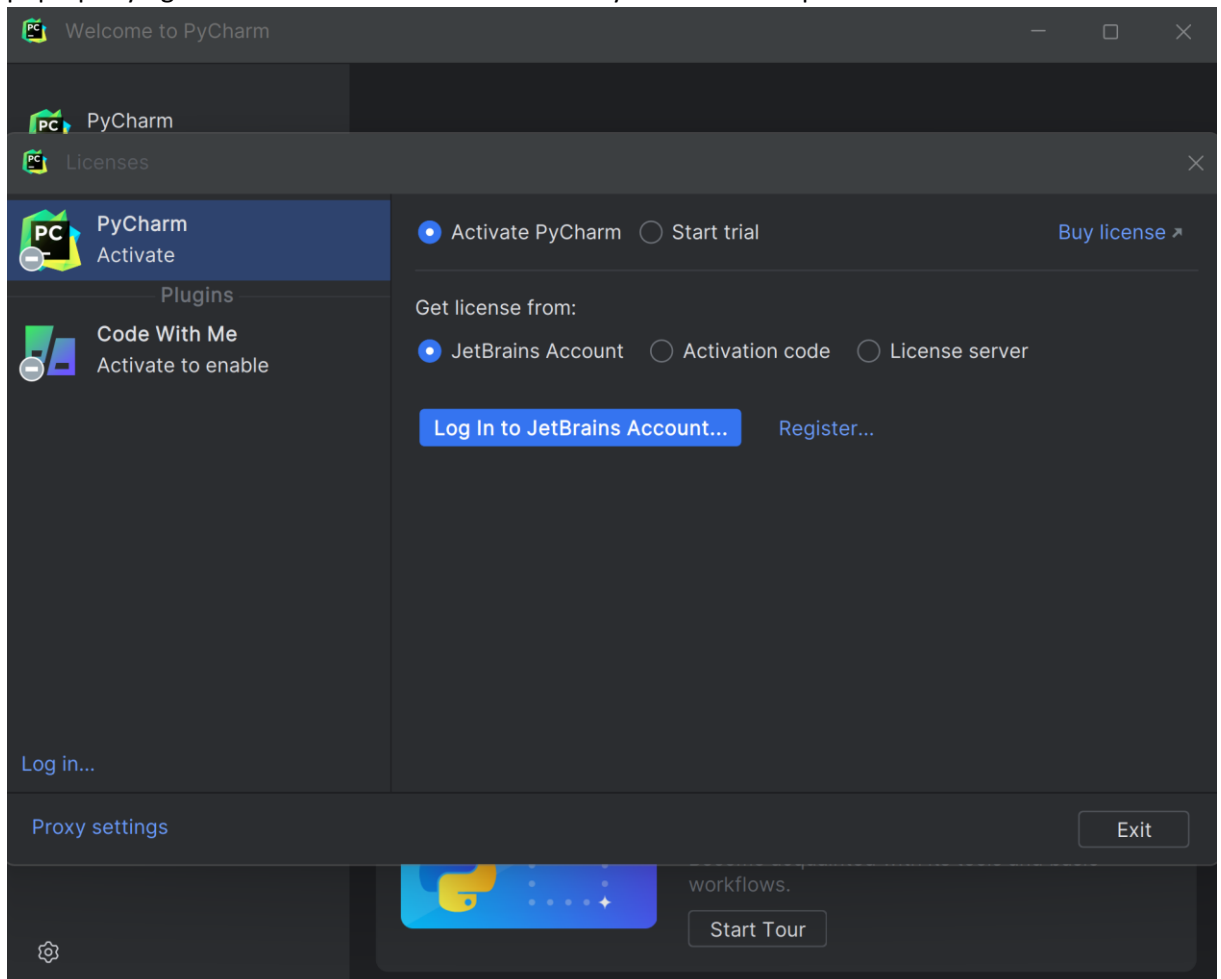


- Nothing seems to happen after installation. This is normal.
- Start PyCharm yourself, by searching for it in the start menu (there will also be a link at the very top under "Recently added").

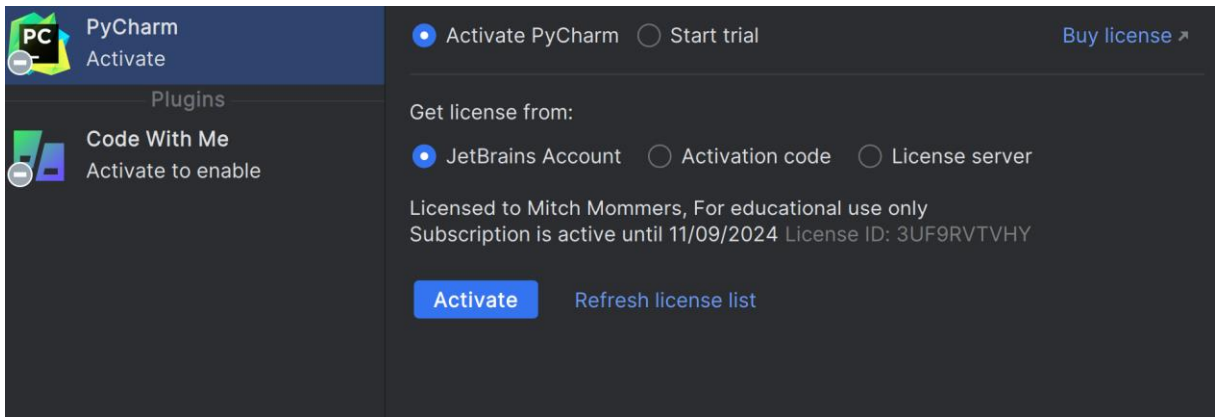
- You will be prompted to import settings. Keep the default *Do not import settings* and click *Ok*.



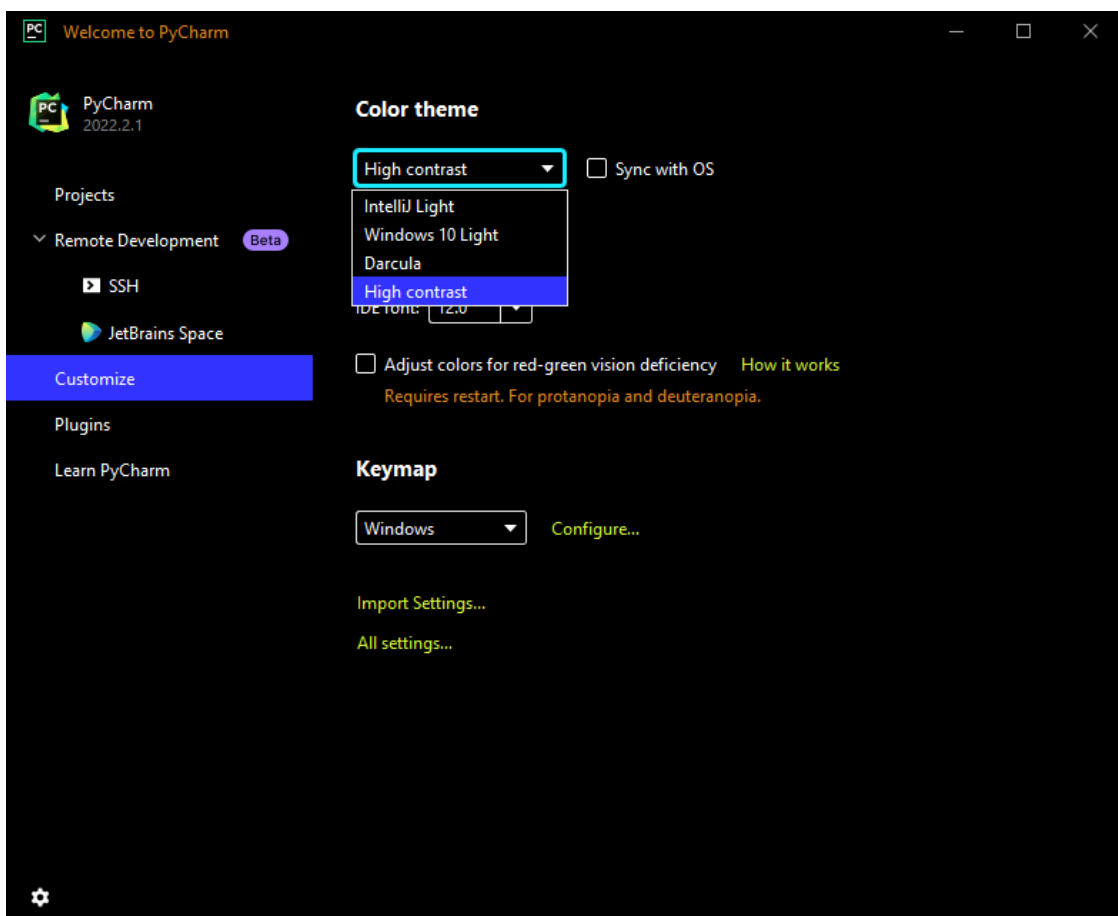
- If prompted to share your information choose “Don’t share” unless you specifically want to share your information.
- You will be prompted to activate your license to do so select “Log In to JetBrains account”, and authentication with your Thomas More account on the JetBrains website. If you get a pop-up saying to allow Access to the network for PyCharm hit accept.



- Now hit “Activate” on the screen, which should be shown after successful authentication



- Now you have an activated version of PyCharm and you can click “Continue”.
- On the Customize screen you can choose whether you want to use a dark (Darcula / High contrast) or light (IntelliJ Light / Windows 10 Light) color theme. Choose what suits you best.

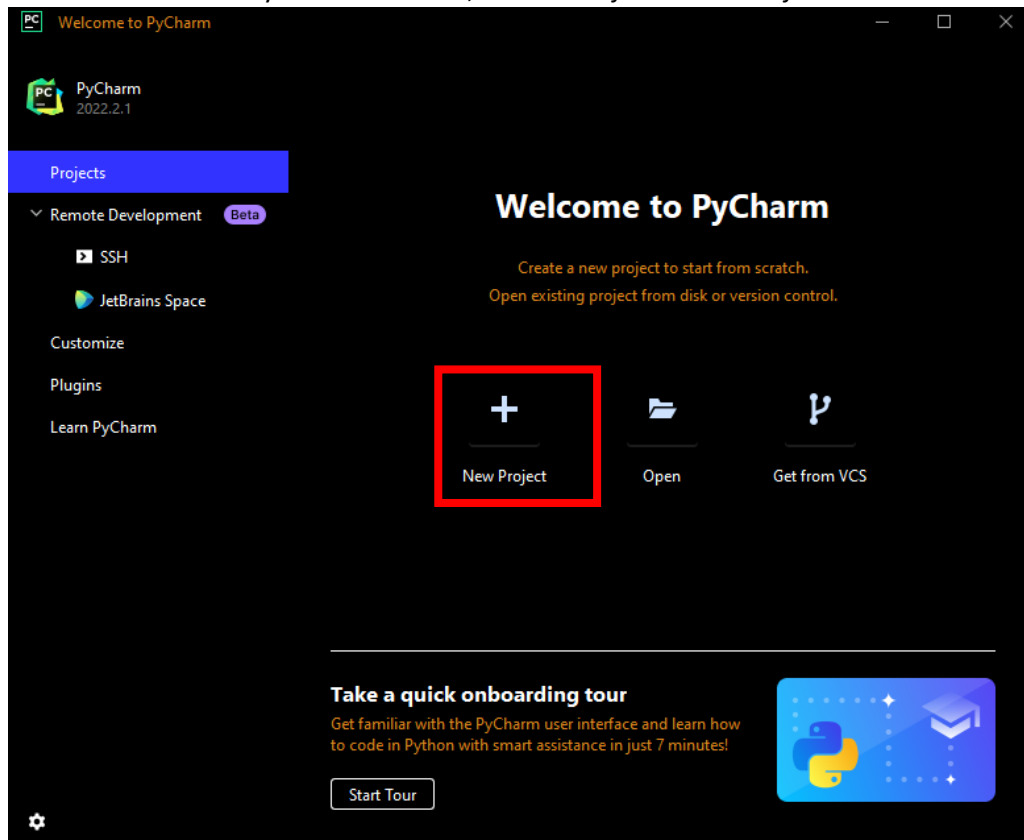


## 4. Installation Interpreter

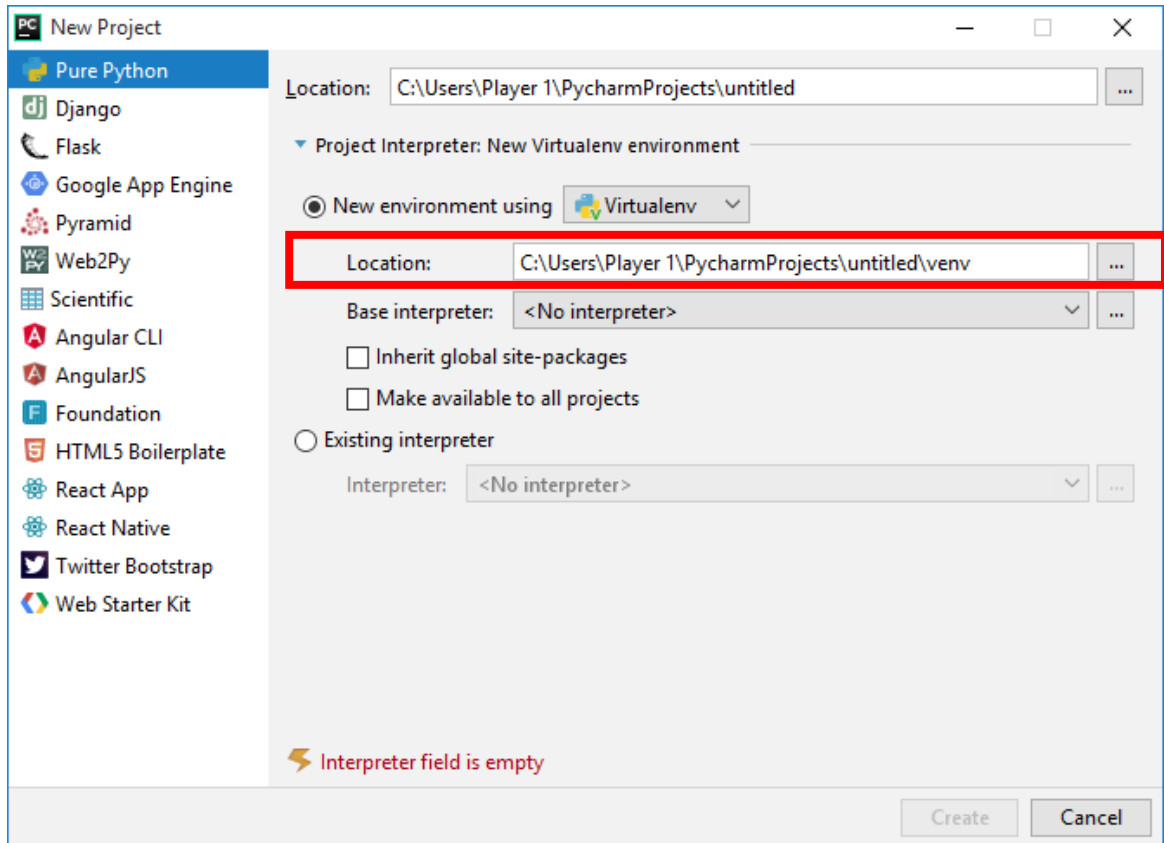
We just installed PyCharm. That is the development environment for Python, but we did not yet install Python itself. It is possible that you've already needed it in the past and you can skip this step. Therefore, we first check whether the installation is required.

### a. Check Interpreter

- In the "Welcome to PyCharm" window, choose *Project > New Project*.



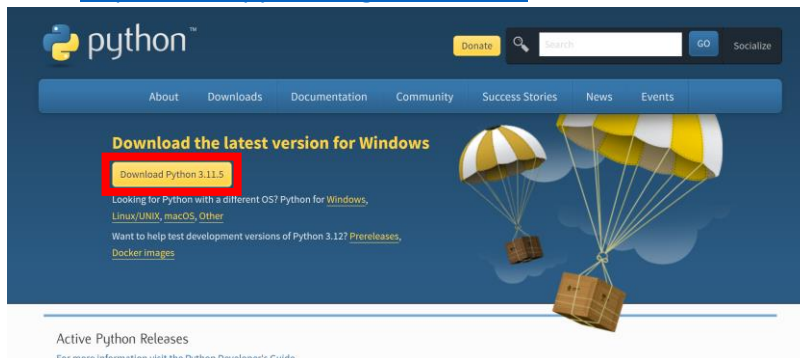
- In the "New Project" window, choose *Pure Python*. You'll get a screen similar to the next one:



- If the field "Base interpreter" is filled in, then you're done with this installation document.
- If the field "Base interpreter" is empty as above, you continue with the procedure (from point b). Before doing that, first click on *Cancel* and close PyCharm.

## b. Download interpreter

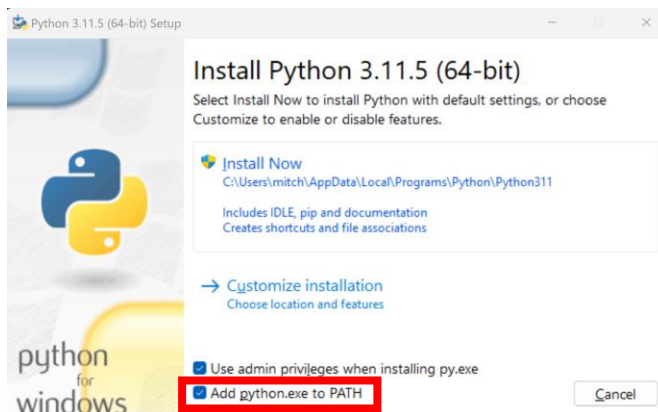
- Go to <https://www.python.org/downloads/>.



- Download the latest version.

## c. Install interpreter

- Double click on the file you downloaded.
- Check the "Add python.exe to PATH" checkbox at the bottom of the screen.
- Then click on *Install Now*.



- Click on "Yes" when prompted to do so.
- Allow the change of the Path length if requested and hit "Yes" again.
- Confirm that you want to make changes to the computer.
- The installation wizard will report that setup was successful. Click on *Close*.

## d. Second check of the interpreter

- Open PyCharm.
- Choose *New Project > Pure Python*
- You notice that the interpreter is filled in now.
- Your installation is now complete.



