**D’ Crypt Installation Guide**

*by Ko Jia Ling*

# Programs/Modules Required

* Python (python-3.7.0-amd64.exe) ([Download here](https://www.python.org/downloads/release/python-370/))
* PyCharm (pycharm-community-2019.3.exe) ([Download here](https://www.jetbrains.com/pycharm/download/other.html))
* PyCryptodome (version 3.9.7)
* Flask (version 1.1.2)
* WTForms (version 2.3.9)

If you have all programs and modules already installed on your device, you may skip to the [Downloading of D’ Crypt files](#_Downloading_of_D’) section.

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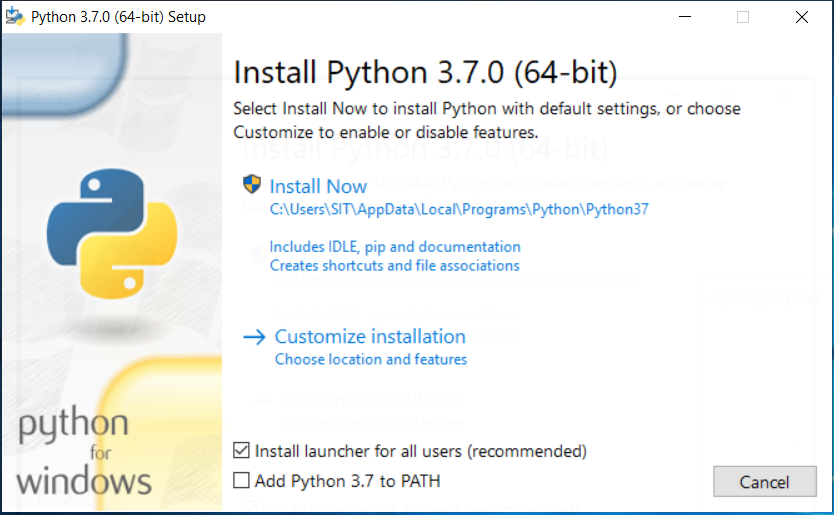
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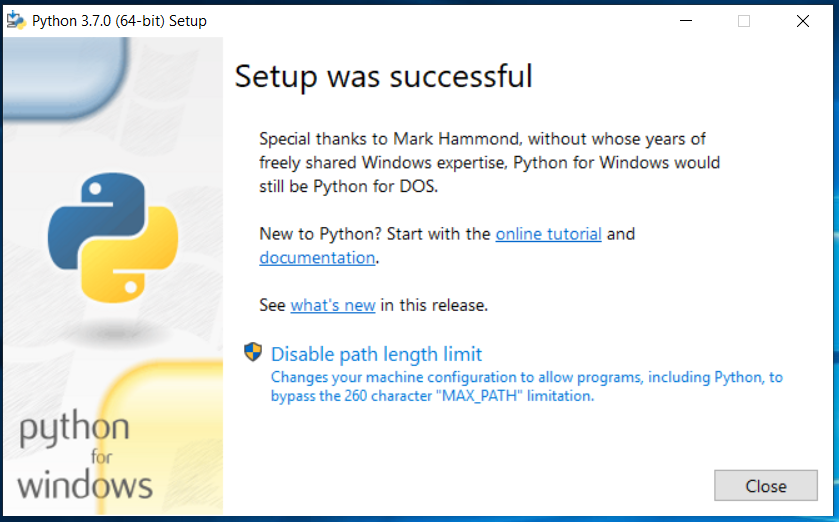
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# Installing Python

1. Download and install the correct version of Python (v 3.7.0) from [here](https://www.python.org/downloads/release/python-370/). Note: Please ensure that you have installed the correct version of Python for compatibility.
2. Open the installer and click "Install now”.

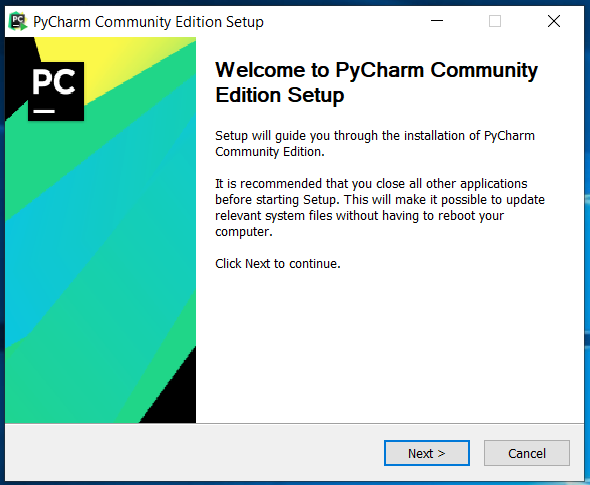


1. Wait for the installation to finish. Upon successful setup, click “Close”.

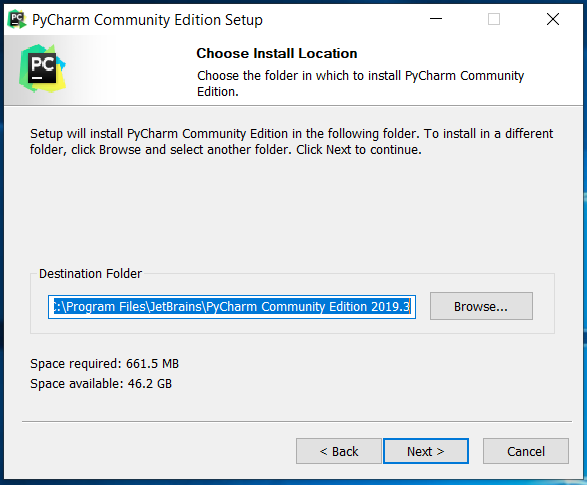


# Installing PyCharm

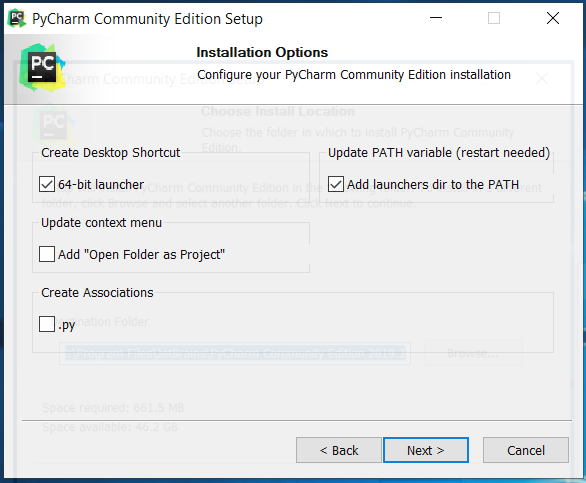
1. Download and install the correct version of PyCharm (v 2019.3.4) from [here](https://www.jetbrains.com/pycharm/download/other.html). Note: Please ensure that you have installed the correct version of PyCharm for compatibility.
2. Open the Installer. The Welcome Dialog box will appear, click “Next”.



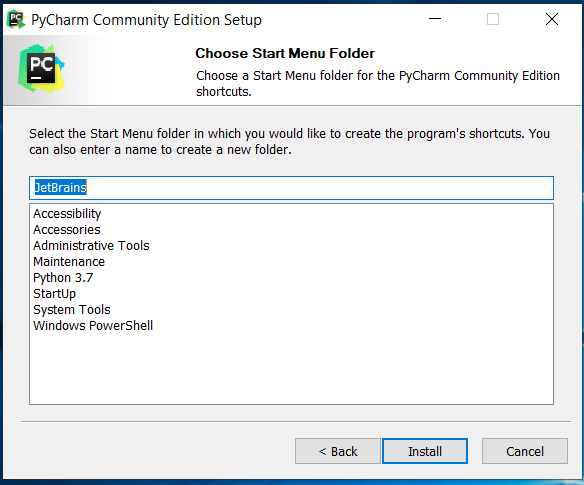
1. Select the default Destination Folder, and click “Next”.



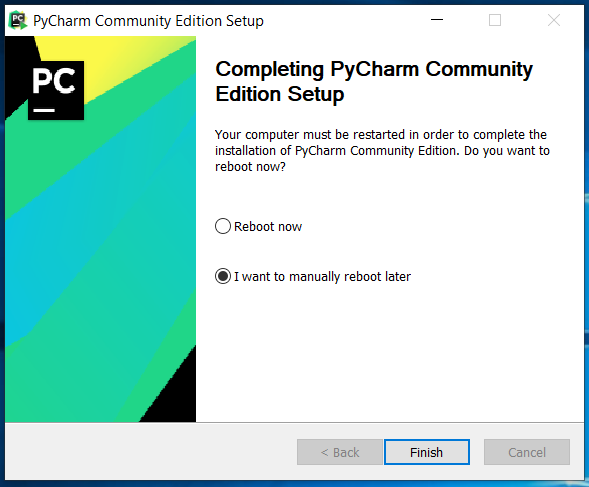
1. In the Installation Options dialog, select the checkboxes as shown below. Click “Next”.



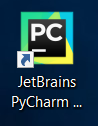
1. Click “Install”.



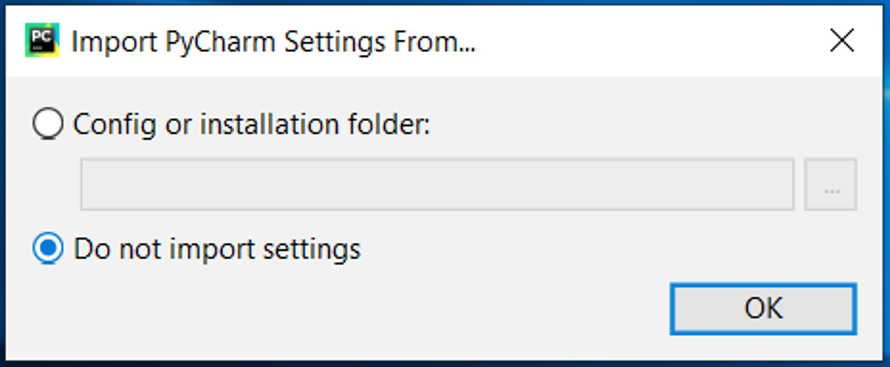
1. Wait for the installation to finish. Upon successful installation, click “Finish”.



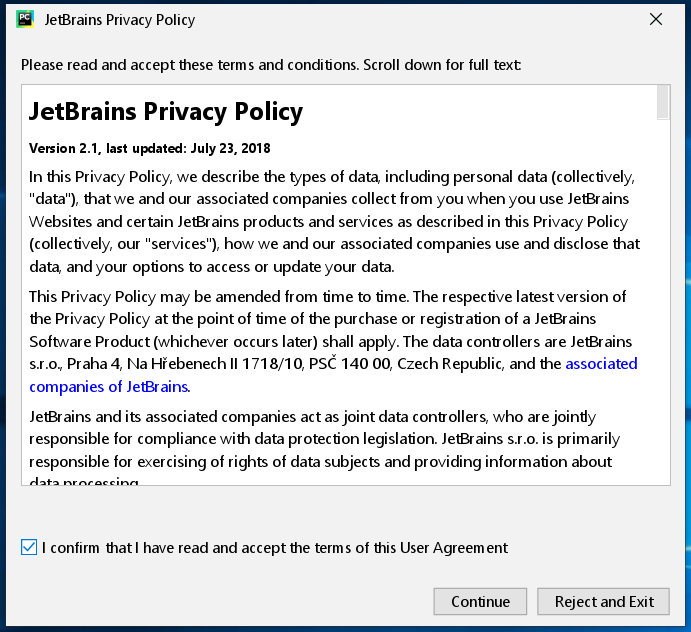
1. Open PyCharm by clicking on the icon in your Desktop.



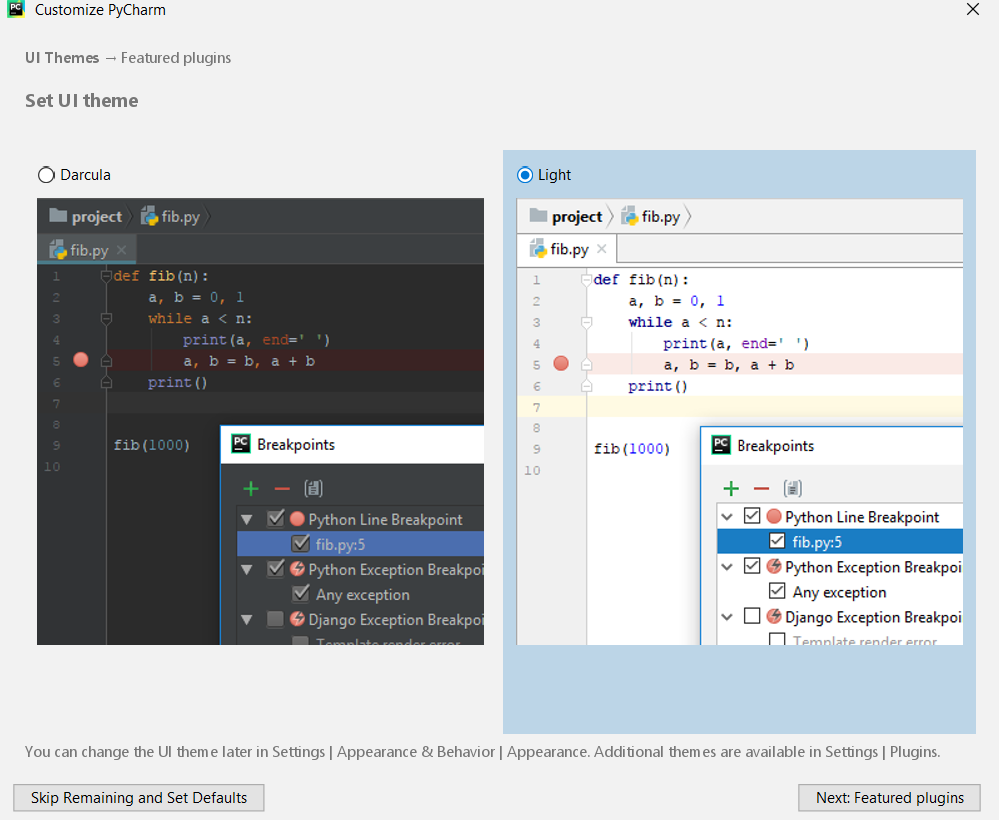
1. A dialog box will appear, select the default and click “OK”.



1. Select the checkbox in the Privacy dialog box, and click “Continue”.



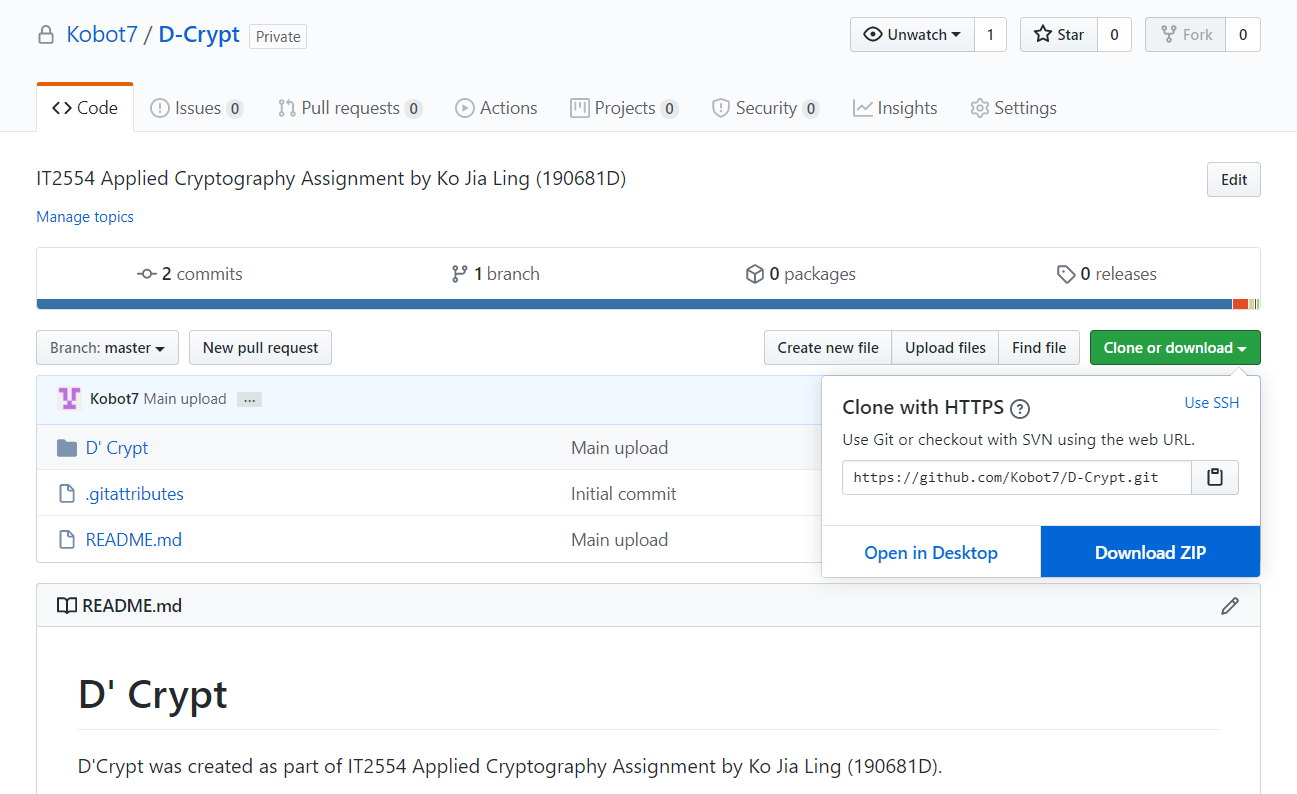
1. In the Data Sharing dialog box, click “Don’t send”.
2. In the Customize PyCharm dialog box, choose the theme of your preference (Darcula/Light). Click “Skip Remaining and Set Defaults”.



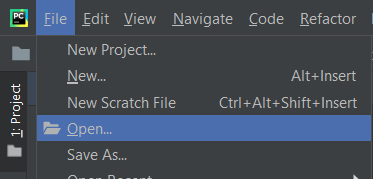
# Downloading of D’ Crypt Files

1. Open a browser and visit <https://github.com/Kobot7/D-Crypt>.
2. Click “Clone or download”, then “Download ZIP”.

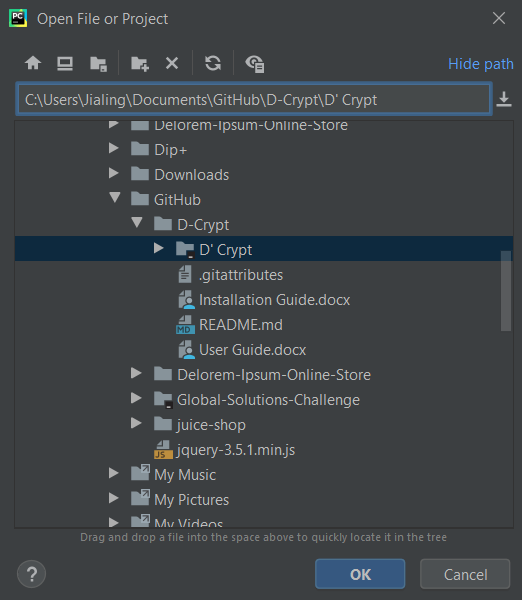
If you have prior experience in using Github and would like to use Git clone instead, feel free to do so.



1. Unzip the downloaded file.
2. Open PyCharm and under the “File” pane, select “Open”.



1. Navigate to the D’ Crypt folder and select it. Once finished, click “OK”.

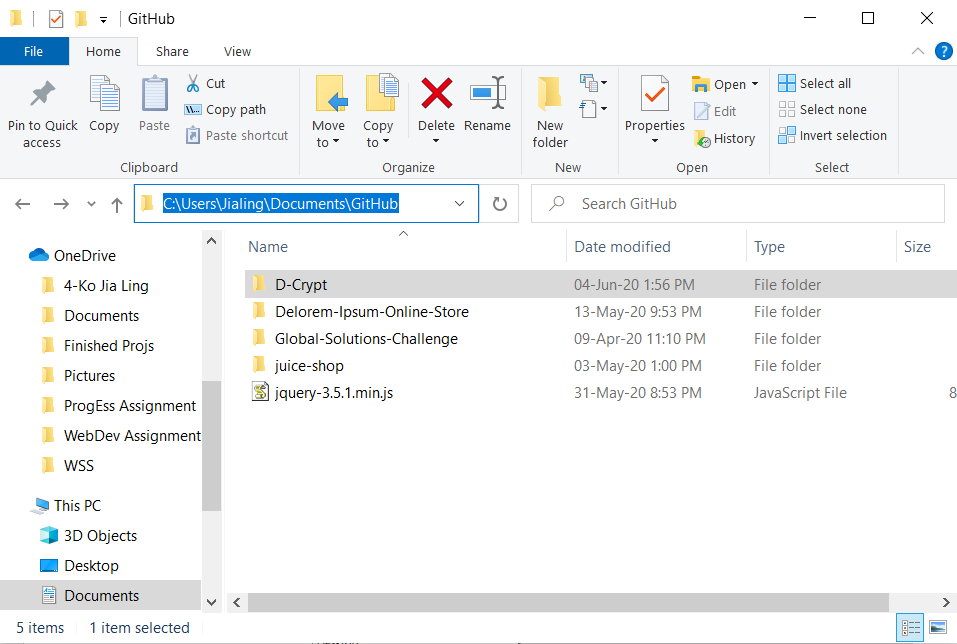


# Installing Python Modules

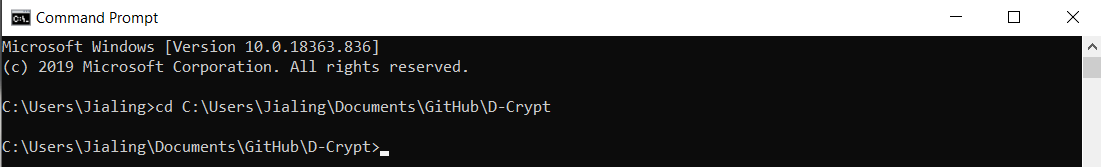
1. Open Command Prompt.
2. Use the change directory (cd) command to navigate to the folder where you downloaded the application.

Skip to step 3 if you know how to do so, else continue following the steps below.

Open File Explorer and navigate to the place that you saved the application folder. From the breadcrumb, you can determine the path to the project. In this example, the path will be C:\Users\Jialing\Documents\GitHub\D-Crypt



Enter the command “cd [insert path here]” into the command line. There should be a change in the path at the start of each line.



1. Run the following commands:

* pip install Flask
* pip install WTForms
* pip install PyCryptodome