

KOLT Python

Third-Party Packages

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KOLT

Agenda

1. Installations

2. Package Management

Installing Python

- Go to python.org/downloads

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- Check the installation by running `python`(Windows)/`python3`(macOS/Linux) in terminal.

```
C:\Users\auysal>python
Python 3.8.0 (tags/v3.8.0:fa919fd, Oct 14 2019, 19:37:50) [MSC v.1916 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>> print('Hello, world!')
Hello, world!
```

Installing an Editor/IDE(Integrated Development Environment)

- Having a specialized editor/IDE can help a lot.
- We will use Visual Studio Code but you are free to use any editor/IDE of your choice.
- Get Visual Studio Code from code.visualstudio.com/download



Configuring Visual Studio Code for Python

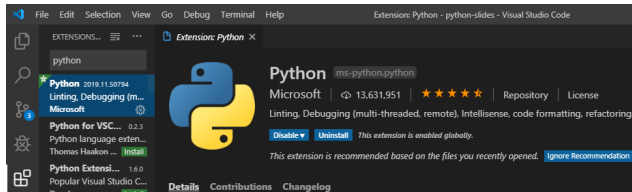
- Install Python extension for VS Code.

Configuring Visual Studio Code for Python

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- Select the Python(3.8.0) Interpreter in VS Code.

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- Select the Python(3.8.0) Interpreter in VS Code.
- For more information, visit [VS Code Python Tutorial](#).



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pip

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$ pip -V  
pip 19.0.3 from --PATH_TO_PIP-- (python 3.7)
```

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```
$ pip -V  
pip 19.0.3 from --PATH_TO_PIP-- (python 3.7)
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Any problems?

Common pip commands

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Install a package:

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$ pip install package_name # latest version
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Uninstall a package:

Common pip commands

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$ pip install package_name==1.0.1 # specific  
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Uninstall a package:

```
$ pip uninstall package_name
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version
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Uninstall a package:

```
$ pip uninstall package_name
```

Update a package:

Common pip commands

Install a package:

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$ pip install package_name # latest version
```

```
$ pip install package_name==1.0.1 # specific  
version
```

```
$ pip install package_name>=1.0.1 # minimum  
version
```

Uninstall a package:

```
$ pip uninstall package_name
```

Update a package:

```
$ pip install --upgrade package_name
```

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Install a package:

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$ pip install package_name # latest version
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$ pip install package_name==1.0.1 # specific  
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$ pip install package_name>=1.0.1 # minimum  
version
```

Uninstall a package:

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$ pip uninstall package_name
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Update a package:

```
$ pip install --upgrade package_name
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Search PyPI for matches:

Common pip commands

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$ pip install package_name # latest version
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$ pip install package_name==1.0.1 # specific  
version
```

```
$ pip install package_name>=1.0.1 # minimum  
version
```

Uninstall a package:

```
$ pip uninstall package_name
```

Update a package:

```
$ pip install --upgrade package_name
```

Search PyPI for matches:

```
$ pip search query
```