

# KOLT Python

## Third-Party Packages

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# KOLT

# Agenda

## 1. Package Management

# Python Package Index (PyPI)

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- 23,000+ Python3 packages.
- If you want a package, PyPI probably has it.

## 1. Package Management



# pip



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

## pip

- Recommended tool for installing Python packages.
- **pip** is already installed with modern Python distributions.
- Try `pip -V` on your command line/terminal(`pip3 -V` for Macs).

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

## Any problems?

# Common pip commands

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**Install a package:**

## Common pip commands

### Install a package:

```
$ pip install package_name # latest version
```

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### Install a package:

```
$ pip install package_name # latest version
```

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



## Common pip commands

### Install a package:

```
$ pip install package_name # latest version
```

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

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

## Common pip commands

### Install a package:

```
$ 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:

## Common pip commands

### Install a package:

```
$ 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
```

## Common pip commands

### Install a package:

```
$ 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:



## Common pip commands

### Install a package:

```
$ 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
```

## Common pip commands

### Install a package:

```
$ 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
```

### Search PyPI for matches:

## Common pip commands

### Install a package:

```
$ 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
```

### Search PyPI for matches:

```
$ pip search query
```