



链滴

mac PyCharm 添加 Python 解释器及添加 package 路径

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来源网站: [链滴](#)

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一、背景

PyCharm 执行 Python 时，找不到自己安装的 package，例如 pandas、numpy、scipy、scikit 等
在执行时报如下错误 ImportError: No module named pandas:

```
Traceback (most recent call last):
```

```
File "", line 1, in
```

```
File "/Applications/PyCharm.app/Contents/helpers/pydev/_pydev_bundle/pydev_import_hook.py", line 20, in do_import
```

```
module = self._system_import(name, *args, **kwargs)
```

```
ImportError: No module named pandas
```

```
1
```

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```

二、问题解决

(1) pycharm 添加 Python interpreter;

(2) 给添加的 Python interpreter 添加自己安装的 package 路径。

1、pycharm 添加 Python interpreter

打开项目设置 (pycharm->preference)

添加 interpreter，选中本地 python 命令所在目录，注意保持 1 和 2 中的 interpreter 一致

2、给添加的 Python interpreter 添加自己安装的 package 路径

选中刚才添加的 interpreter，然后单击底部的“show paths for the selected interpreter”按钮，
加自己安装的 package，例如 pandas、numpy、scipy、scikit 等。

单击底部的“+”号，添加自己安装的 package 的路径

获取 package 路径

```
~ python
```

```
Python 2.7.10 (default, Jul 15 2017, 17:16:57)
```

```
[GCC 4.2.1 Compatible Apple LLVM 9.0.0 (clang-900.0.31)] on darwin
```

```
Type "help", "copyright", "credits" or "license" for more information.
```

```
<blockquote>
```

```
<blockquote>
```

```
<blockquote>
```

```
<p>import pandas
```

```
print pandas
```

```
&lt;module 'pandas' from '/Library/Python/2.7/site-packages/pandas/____init____.pyc'&gt;
```

```
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三、补充

查看当前 python interpreter 执行时加载的 package 路径

```
</blockquote>
```

```
</blockquote>
```

```
</blockquote>
```

输入命令 sys.path

```
<h2 id="Out-3-----Applications-PyCharm-app-Contents-helpers-pydev----Library-Python-2-  
-site-packages-scikit-learn-0-19-1-py2-7-macosx-10-13-intel-egg-sklearn-model-selection---  
Library-Python-2-7-site-packages-scikit-learn-0-19-1-py2-7-macosx-10-13-intel-egg----Libra  
y-Python-2-7-site-packages-scikit-learn-0-19-1-py2-7-macosx-10-13-intel-egg-sklearn----Lib
```

ary-Python-2-7-site-packages----Applications-PyCharm-app-Contents-helpers-pydev----System-Library-Frameworks-Python-framework-Versions-2-7-Extras-lib-python----System-Library-Frameworks-Python-framework-Versions-2-7-Extras-lib-python-PyObjC----Library-Python-2-7-site-packages-pip-9-0-3-py2-7-egg----Library-Python-2-7-site-packages-jupyter-1-0-0-py2-egg----Library-Python-2-7-site-packages-qtconsole-4-3-1-py2-7-egg----Library-Python-2-7-site-packages-notebook-5-4-1-py2-7-egg----Library-Python-2-7-site-packages-nbconvert-5-1-py2-7-egg----Library-Python-2-7-site-packages-jupyter-console-5-2-0-py2-7-egg----Library-Python-2-7-site-packages-ipywidgets-7-1-2-py2-7-egg----Library-Python-2-7-site-package-terminado-0-8-1-py2-7-egg----Library-Python-2-7-site-packages-nbformat-4-4-0-py2-7-egg----Library-Python-2-7-site-packages-Jinja2-2-10-py2-7-egg----Library-Python-2-7-site-packages-Send2Trash-1-5-0-py2-7-egg----Library-Python-2-7-site-packages-testpath-0-3-1-py2-7-egg----Library-Python-2-7-site-packages-pandocfilters-1-4-2-py2-7-egg----Library-Python-2-7-site-packages-mistune-0-8-3-py2-7-egg----Library-Python-2-7-site-packages-entrypoints-2-3-py2-7-egg----Library-Python-2-7-site-packages-bleach-2-1-3-py2-7-egg----Library-Python-2-7-site-packages-widgetsnbtextension-3-1-4-py2-7-egg----Library-Python-2-7-site-packages-jsonschema-2-6-0-py2-7-egg----Library-Python-2-7-site-packages-MarkupSafe-1-0-py2-7-macosx-10-13-intel-egg----Library-Python-2-7-site-packages-configparser-3-5-0-py2-7-egg----Library-Python-2-7-site-packages-html5lib-1-0-1-py2-7-egg----Library-Python-2-7-site-packages-functools32-3-2-3-post2-py2-7-egg----Library-Python-2-7-site-packages-webencodings-0-5-1-py2-7-egg----Library-Python-2-7-site-packages-pyltp-0-1-10-py2-7-macosx-10-3-intel-egg----Library-Python-2-7-site-packages-Send2Trash-1-5-0-py2-7-egg----Library-Python-2-7-site-packages-pandocfilters-1-4-2-py2-7-egg----Library-Python-2-7-site-packages-functools32-3-2-3-post2-py2-7-egg----Users-zjw94377-venv-bus-lib-python27-zip----Users-zjw94377-venv-bus-lib-python2-7----Users-zjw94377-venv-bus-lib-python2-7-plat-darwin----Users-zjw94377-venv-bus-lib-python2-7-plat-mac----Users-zjw94377-venv-bus-lib-python2-7-plat-mac-lib-scriptpackages----Users-zjw94377-venv-bus-lib-python2-7-lib-tk----Users-zjw94377-venv-bus-lib-python2-7-lib-old----Users-zjw94377-venv-bus-lib-python2-7-lib-dynload----System-Library-Frameworks-Python-framework-Versions-2-7-lib-python2-7----System-Library-Frameworks-Python-framework-Versions-2-7-lib-python2-7-plat-darwin----System-Library-Frameworks-Python-framework-Versions-2-7-lib-python2-7-lib-tk----System-Library-Frameworks-Python-framework-Versions-2-7-lib-python2-7-plat-mac----System-Library-Frameworks-Python-framework-Versions-2-7-lib-python2-7-plat-mac-lib-scriptpackages----Users-zjw94377-venv-bus-lib-python2-7-site-packages----Applications-PyCharm-app-Contents-helpers-pycharm-matplotlib-backend----Library-Python-2-7-site-packages-IPython-extensions--">Out[3]:<br

```
['/Applications/PyCharm.app/Contents/helpers/pydev', <br>
'/Library/Python/2.7/site-packages/scikit_learn-0.19.1-py2.7-macosx-10.13-intel.egg/sklearn/odel_selection', <br>
'/Library/Python/2.7/site-packages/scikit_learn-0.19.1-py2.7-macosx-10.13-intel.egg', <br>
'/Library/Python/2.7/site-packages/scikit_learn-0.19.1-py2.7-macosx-10.13-intel.egg/sklearn', <br>
br>
'/Library/Python/2.7/site-packages', <br>
'/Applications/PyCharm.app/Contents/helpers/pydev', <br>
'/System/Library/Frameworks/Python.framework/Versions/2.7/Extras/lib/python', <br>
'/System/Library/Frameworks/Python.framework/Versions/2.7/Extras/lib/python/PyObjC', <br>
br>
'/Library/Python/2.7/site-packages/pip-9.0.3-py2.7.egg', <br>
'/Library/Python/2.7/site-packages/jupyter-1.0.0-py2.7.egg', <br>
'/Library/Python/2.7/site-packages/qtconsole-4.3.1-py2.7.egg', <br>
'/Library/Python/2.7/site-packages/notebook-5.4.1-py2.7.egg', <br>
'/Library/Python/2.7/site-packages/nbconvert-5.3.1-py2.7.egg', <br>
'/Library/Python/2.7/site-packages/jupyter_console-5.2.0-py2.7.egg', <br>
'/Library/Python/2.7/site-packages/ipywidgets-7.1.2-py2.7.egg', <br>
'/Library/Python/2.7/site-packages/terminado-0.8.1-py2.7.egg', <br>
```

```
'/Library/Python/2.7/site-packages/nbformat-4.4.0-py2.7.egg',<br>
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'/Library/Python/2.7/site-packages/Send2Trash-1.5.0-py2.7.egg',<br>
'/Library/Python/2.7/site-packages/testpath-0.3.1-py2.7.egg',<br>
'/Library/Python/2.7/site-packages/pandocfilters-1.4.2-py2.7.egg',<br>
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'/Library/Python/2.7/site-packages/widgetsnbextension-3.1.4-py2.7.egg',<br>
'/Library/Python/2.7/site-packages/jsonschema-2.6.0-py2.7.egg',<br>
'/Library/Python/2.7/site-packages/MarkupSafe-1.0-py2.7-macosx-10.13-intel.egg',<br>
'/Library/Python/2.7/site-packages/configparser-3.5.0-py2.7.egg',<br>
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'/Library/Python/2.7/site-packages/functools32-3.2.3.post2-py2.7.egg',<br>
'/Library/Python/2.7/site-packages/webencodings-0.5.1-py2.7.egg',<br>
'/Library/Python/2.7/site-packages/pyltp-0.1.10-py2.7-macosx-10.13-intel.egg',<br>
'/Library/Python/2.7/site-packages/Send2Trash-1.5.0-py2.7.egg',<br>
'/Library/Python/2.7/site-packages/pandocfilters-1.4.2-py2.7.egg',<br>
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'/Users/zjw94377/venv/bus/lib/python2.7/plat-mac',<br>
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'/Users/zjw94377/venv/bus/lib/python2.7/lib-tk',<br>
'/Users/zjw94377/venv/bus/lib/python2.7/lib-old',<br>
'/Users/zjw94377/venv/bus/lib/python2.7/lib-dynload',<br>
'/System/Library/Frameworks/Python.framework/Versions/2.7/lib/python2.7',<br>
'/System/Library/Frameworks/Python.framework/Versions/2.7/lib/python2.7/plat-darwin',<br>
'/System/Library/Frameworks/Python.framework/Versions/2.7/lib/python2.7/lib-tk',<br>
'/System/Library/Frameworks/Python.framework/Versions/2.7/lib/python2.7/plat-mac',<br>
'/System/Library/Frameworks/Python.framework/Versions/2.7/lib/python2.7/plat-mac/lib-scri
tpackages',<br>
'/Users/zjw94377/venv/bus/lib/python2.7/site-packages',<br>
'/Applications/PyCharm.app/Contents/helpers/pycharm_matplotlib_backend',<br>
'/Library/Python/2.7/site-packages/IPython/extensions']</h2>
```

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