

# III. Flask快速入门

flask 安装

## flask 安装

### 1.1 创建一个 flask 项目的虚拟环境

pipenv install

```
E:\fsk_test>pipenv install
Creating a virtualenv for this project...
Pipfile: E:\fsk_test\Pipfile
Using D:/Python/Python38/python.exe (3.8.10) to create virtualenv...
[ =] Creating virtual environment...created virtual environment CPython3.8.10.final.0-64 in 536ms
creator CPythonWindows(dest=E:\PIPVENV_VENV_IN_PROJECT\.venv\fsk_test-3tB0PUd, clear=False, no_vcs_ignore=False, global=False)
seeder FromAppData(download=False, pip=bundle, setuptools=bundle, wheel=bundle, via=copy, app_data_dir=C:\Users\10984\AppData\Local\pypa\virtualenv)
added seed packages: pip==23.2.1, setuptools==68.0.0, wheel==0.41.2
activators BashActivator,BatchActivator,FishActivator,NushellActivator,PowerShellActivator,PythonActivator

Successfully created virtual environment!
Virtualenv location: E:\PIPVENV_VENV_IN_PROJECT\.venv\fsk_test-3tB0PUd
Creating a Pipfile for this project...
Pipfile.lock not found, creating...
Locking [packages] dependencies...
Locking [dev-packages] dependencies...
Updated Pipfile.lock (7f7606f08e0544d8d012ef4d097dabdd6df6843a28793eb6551245d4b2db4242)!
Installing dependencies from Pipfile.lock (db4242)...
To activate this project's virtualenv, run pipenv shell.
Alternatively, run a command inside the virtualenv with pipenv run.
```

### 1.2 进入虚拟环境，使用安装flask

pipenv shell

```
E:\fsk_test>pipenv shell
Launching subshell in virtual environment...
Microsoft Windows [版本 10.0.22621.2134]
(c) Microsoft Corporation。保留所有权利。

(fsk_test-3tB0PUd) E:\fsk_test>
```

### 1.3 安装flask

pip install flask== 2.3.3 -i <https://pypi.tuna.tsinghua.edu.cn/simple>

在虚拟环境中也可以使用pip进行安装，pip安装不会生成pipfile.lock文件

查看安装情况 pip list

```
(fsk_test-3tBOPUpD) E:\fsk_test>pip list
```

Package	Version
-----	-----
blinker	1.6.2
click	8.1.7
colorama	0.4.6
Flask	2.3.3
importlib-metadata	6.8.0
itsdangerous	2.1.2
Jinja2	3.1.2
MarkupSafe	2.1.3
pip	23.2.1
setuptools	68.0.0
Werkzeug	2.3.7
wheel	0.41.2
zipp	3.16.2