
Flask-ShellPlus Documentation

Release 0.0.2

Kane Blueriver

Nov 03, 2017

Contents

1	Installation	3
2	Quick start	5
3	Configure	7
4	Indices	9

Flask-ShellPlus is a Flask extension aimed to enhance your debugging with Flask apps. It's heavily affected by [Django-Extentions](#) `shell_plus` module but focused on Flask and on the top of [Flask-Script](#).

Flask-ShellPlus supports BPython, IPython, ptPython and ptiPython now, and also with Jupyter notebook on the way.

CHAPTER 1

Installation

You could easily install it via pip:

```
pip install flask_shellplus
```


CHAPTER 2

Quick start

This should be used with Flask-Script:

```
from flask_shellplus import Shell

def make_context():
    return dict(app=app, db=db, models=models)

manager.add_command('shell', Shell(make_context=make_context))
```

Then run this in your shell:

```
python manage.py shell
```

Flask-ShellPlus will find the first available one in BPython, ptiPython, IPython, ptPython, and Python.

Or you can manually define the preferred shell with flag `--plain`, `--bpython`, `--ptipython`, `--ipython` or `--ptpython` just like `shell_plus` in DjangoExtensions.

Note: If you want to use Flask ShellPlus with IPython, IPython 3.0 or newer is needed.

CHAPTER 3

Configure

Flask ShellPlus also provide configures as Django-Extensions do. By now, `SHELL_PLUS_PRE_IMPORTS` and `SHELL_PLUS_POST_IMPORTS` is supported, and others in progress:

```
SHELL_PLUS_PRE_IMPORTS = (          # SHELL_PLUS_POST_IMPORTS is similar to this
    ('module.submodule1', ('class1', 'function2')),
    ('module.submodule2', 'function3'),
    ('module.submodule3', '*'),
    'module.submodule4'
)
```

You could define these arguments in your Flask application's configure file, and they will be automate imported before and after `make_context` runs.

CHAPTER 4

Indices

- `genindex`
- `modindex`
- `search`