

python module (package)

python

```
project/
|
├─ main.py
├─ routers/
|   ├─ __init__.py
|   ├─ items.py
|   └─ users.py
├─ models/
|   ├─ __init__.py
|   ├─ item.py
|   └─ user.py
├─ schemas/
|   ├─ __init__.py
|   ├─ item.py
|   └─ user.py
├─ utils/
|   ├─ __init__.py
|   ├─ string_util.py
|   └─ log_factory.py
└─ templates/
    └─ index.html
```

package import

- `import py_name`

```
project/
|
├─ main.py
├─ vp_smtp.py
└─
```

```
# vp_smtp
```

```
def send_mail(msg: str):
    print(msg)
    pass
```

```
# main.py
```

```
# 测试
```

```
import vp_smtp
```

```
# 测试
```

```
vp_smtp.send_mail("测试")
```

```
# 测试
```

```
import vp_smtp as vpsmtp
```

```
# 测试
```

```
vpsmtp.send_mail("测试")
```

```
# 测试
```

```
from vp_smtp import send_mail
```

```
# 测试
```

```
send_mail("测试")
```

- `utils\vp_smtp.py` 测试

```
# utils\vp_smtp.py
```

```
def send_mail(msg: str):
    print(msg)
```

pass

```
# main.py
```

```
# package module, package.py
import utils.vp_smtp
# package module fun
utils.vp_smtp.send_mail("package module fun")
```

```
# package module, package.py
import utils.vp_smtp as vpsmtp
#
vpsmtp.send_mail("alias fun")
```

```
# vp_smtp
from utils import vp_smtp
vp_smtp.send_mail("vp_smtp")
```

__init__.py

__init__.py

- package
- **version = 0.1.1**
- , , ,

```
# __init__.py
```

```
# __init__.py
from .vp_smtp import send_mail
```

```
# main.py
```

```
# 发送邮件
from utils import send_mail
send_mail("__init__")
```

__ #12

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