

# Hello world

Friday, November 20, 2020 7:57 PM

[https://www.w3cschool.cn/flask/flask\\_environment.html](https://www.w3cschool.cn/flask/flask_environment.html)

Hello world

```
from flask import Flask
app = Flask(__name__)

@app.route('/')
def hello_world():
    return 'Hello World'

if __name__ == '__main__':
    app.run()
```

Flask类的route()函数是一个装饰器，它告诉应用程序哪个URL应该调用相关的函数。  
在上面的示例中， '/' URL与hello\_world()函数绑定。因此，当在浏览器中打开web服务器的主页时，将呈现该函数的输出。

Flask类的run()方法在本地开发服务器上运行应用程序。

app.run(host, port, debug, options)

Host--要监听的主机名。默认为127.0.0.1 (localhost) 。 设置为 "0.0.0.0" 以使服务器在本机所有ip可用

Port--默认值为5000

# Flask1.x debug

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```
export FLASK_DEBUG=1
```

# URL路由

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用途——将URL绑定到函数

用户访问对应的URL，相应的函数随即被调用

```
@app.route( '/hello' )  
def hello_world():  
    return 'hello world'
```

在这里，URL '/ hello' 规则绑定到hello\_world()函数。因此，如果用户访问http: // localhost: 5000 / hello URL，hello\_world()函数的输出将在浏览器中呈现。

装饰器的目的也由以下表示：

```
def hello_world():  
    return 'hello world'  
app.add_url_rule( '/', 'hello' , hello_world)
```

注意：@app.route( '/hello' )与@app.route( '/hello/' )不同！

Flask的URL规则基于Werkzeug的路由模块。这确保形成的URL是唯一的，并且基于Apache规定的先例。

```
@app.route( '/hello/' )使用 /hello 或 /hello/返回相同的输出  
@app.route( '/hello' )使用 /hello/返回404
```

# URL路由中的变量

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用途——把URL字符串中的指定数据传给与之绑定的函数

通过向规则参数添加变量部分，可以动态构建URL。此变量部分标记为<variable-name>。

```
@app.route('/hello/<name>')
def hello_name(name):
    return 'Hello %s!' % name
```

打开浏览器并输入URL `http://localhost:5000/hello/w3cschool`。

以下输出将显示在浏览器中:

Hello w3cschool!

0	默认接受字符串
1	<b>int</b> 接受整数
2	<b>float</b> 接受浮点值
3	<b>path</b> 接受字符串，且支持斜杠/

```
<string>
<int:number>
<float:real>
<path:url>
```

From <[https://www.w3cschool.cn/flask/flask\\_variable\\_rules.html](https://www.w3cschool.cn/flask/flask_variable_rules.html)>

# URL重定位

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用途——将当前URL重定位到 与指定函数绑定的URL下

```
redirect(url_for('与欲重定位到的URL绑定好的函数名',给函数传递的参数1,参数2,...))
```

```
@app.route('/admin')
def hello_admin():
    return 'Hello Admin'
```

```
@app.route('/guest/<guest>')
```

```
def hello_guest(guest):
    return 'Hello %s as Guest' % guest
```

```
@app.route('/user/<name>')
def hello_user(name):
    if name == 'admin':
        return redirect(url_for('hello_admin')) # 将/user/重定位至/admin
    else:
        return redirect(url_for('hello_guest',guest = name)) # 将/user/重定位至/guest/<name>
```

# 模版渲染

Saturday, November 21, 2020 5:06 PM

```
render_template('upload.html')
```

Render\_template(<templates目录下的html模版文件>, <传入模版的参数表>)

# 上传文件

Sunday, November 22, 2020 1:26 PM

## Uploading Files

From <<https://flask.palletsprojects.com/en/1.1.x/patterns/fileuploads/>>

```
flask 文件上传（单文件上传、多文件上传） --from  
flask_wtf.file import FileField, FileRequired,  
FileAllowed from flask
```

From <<https://blog.csdn.net/huobanjishijian/article/details/109119957>>

# Secure\_filename()不支持中文

Tuesday, December 1, 2020 2:28 PM

解决方法:

[https://blog.csdn.net/weixin\\_42185136/article/details/104629530?  
utm\\_medium=distribute.pc\\_relevant.none-task-blog-searchFromBaidu-5.control&depth\\_  
1-utm\\_source=distribute.pc\\_relevant.none-task-blog-searchFromBaidu-5.control](https://blog.csdn.net/weixin_42185136/article/details/104629530?utm_medium=distribute.pc_relevant.none-task-blog-searchFromBaidu-5.control&depth_1-utm_source=distribute.pc_relevant.none-task-blog-searchFromBaidu-5.control)

[https://blog.csdn.net/qq\\_36390239/article/details/98847888?  
utm\\_medium=distribute.pc\\_relevant.none-task-blog-baidulandingword-7&spm=  
1001.2101.3001.4242](https://blog.csdn.net/qq_36390239/article/details/98847888?utm_medium=distribute.pc_relevant.none-task-blog-baidulandingword-7&spm=1001.2101.3001.4242)



# flask自定义错误与错误页面

Monday, November 30, 2020 9:11 PM

```
from werkzeug.exceptions import HTTPException, default_exceptions, _aborter
```

```
@app.errorhandler(404)
def page_404(e):
    return render_template('404.html'), 404
```

```
class TripleFive(HTTPException):
    code = 555
default_exceptions[555] = TripleFive
_aborter.mapping[555] = TripleFive
@app.errorhandler(555)
def page_555(e):
    return render_template('555.html'), 555
```

<https://flask.palletsprojects.com/en/master/errorhandling/>

# Bootstrap

Sunday, November 22, 2020 7:12 PM

## Bootstrap-Flask

From <<https://github.com/greyli/bootstrap-flask>>

# 提交表单时弹窗提醒确认

Tuesday, November 24, 2020 7:35 PM

```
<form method="POST"
  action=""
  enctype="multipart/form-data"
  onSubmit="return confirm('重复提交将只保留最新一次提交文件，是否提交? ');"
>
```

# 网页添加看板娘

Tuesday, December 1, 2020 3:21 PM

给你的网页添加一个二次元人物

From <<https://www.pwztx.vip/archives/%E7%BB%99%E4%BD%A0%E7%9A%84%E7%BD%91%E9%A1%B5%E6%B7%BB%E5%8A%A0%E4%B8%80%E4%B8%AA%E4%BA%8C%E6%AC%A1%E5%85%83%E4%BA%BA%E7%89%A9>>

# 网站部署

Friday, November 27, 2020 2:36 PM

## Flask + uWSGI + nginx Primer

From <<https://gist.github.com/mplewis/6076082>>

# supervisor管理uwsgi

Sunday, November 29, 2020 11:21 PM

**supervisor管理uwsgi**

From <<https://www.cnblogs.com/supery007/p/9368242.html>>

## Supervisor socket error issue [closed]

From <<https://stackoverflow.com/questions/18859063/supervisor-socket-error-issue>>

# 压力测试siege

Monday, November 30, 2020 5:53 PM

## 压力测试工具siege的用法

From <<https://www.cnblogs.com/zhaoyingjie/p/10103978.html>>