

How to deploy your Python application on a GlowHost server

Need to deploy a Python application? Or do you need a certain Python version? In this case, GlowHost suggests an easy WSGI solution. Forget about the times when you had to add Apache handlers in .htaccess files and the path to the Python environment in your scripts... Just follow easy steps below!

Do the following:

1. Go to your cPanel > Setup Python App.
2. Choose your desired Python version, a directory for your applications, and a domain/URL from the dropdown menu as it is shown in the picture below. Enter the startup file and entry point/log file path if desired, then click setup.

WEB APPLICATIONS **+ CREATE APPLICATION** CANCEL CREATE

Python version 2.7.18

Application root
It is a physical address to your application on a server that corresponds with its URL. Upload your application files here.
yourpythonapp

Application URL
It is an HTTP/HTTPS link to your application
your-website.com

Application startup file
app.py

Application Entry point
Setup wsgi callable object for your application
app

Passenger log file
You can define the path along with the filename (e.g. /home/demo/logs/passenger.log)
/home/demo/yourpythonapp/output.log

3. Congratulations! Your environment is now ready! Now when entering your App Domain in your browser, you will see a message that says "**It works!**" and the Python version which is being used. Next, add the necessary modules by using the terminal inside your cPanel (along with the pip install command) and then upload your applications inside your App Directory. That's it!

Terminal

This interface provides command line access to your account on the server.

```
someuser@oscar:~/somefolder
someuser@oscar [-]# source /home/someuser/virtualenv/somefolder/3.9/bin/activate && cd /home/someuser/somefolder
((somefolder:3.9)) someuser@oscar [-/somefolder]# pip install flask
```

4. As an example, you can use <https://github.com/phusion/passenger-python-flask-demo.git> provided by phusionpassenger. Please, note this example requires the Flask module in order to work.

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