Deployment Options

While lightweight and easy to use, **Flask's built-in server is not suitable for production** as it doesn't scale well. Some of the options available for properly running Flask in production are documented here.

If you want to deploy your Flask application to a WSGI server not listed here, look up the server documentation about how to use a WSGI app with it. Just remember that your `Flask` application object is the actual WSGI application.

Hosted options

- Deploying Flask on Heroku
- Deploying Flask on Google App Engine
- Deploying Flask on AWS Elastic Beanstalk
- Deploying on Azure (IIS)
- Deploying on PythonAnywhere

Self-hosted options ¶

- Standalone WSGI Containers
  - Gunicorn
  - uWSGI
  - Gevent
  - Twisted Web
  - Proxy Setups
- uWSGI
  - Starting your app with uwsgi
  - Configuring nginx
- mod_wsgi (Apache)
  - Installing *mod_wsgi*
  - Creating a *.wsgi* file
  - Configuring Apache
  - Troubleshooting
  - Support for Automatic Reloading
  - Working with Virtual Environments
- FastCGI
  - Creating a *.fcgi* file

    - Configuring Apache
    - Configuring lighttpd
    - Configuring nginx
    - Running FastCGI Processes
    - Debugging
- CGI
    - Creating a *.cgi* file
    - Server Setup