

Implementing next generation web server in Galaxy

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- The build-in WSGI server (Paste) cannot handle high volume connections.
- Are there other alternatives to Paste ?

Benchmark

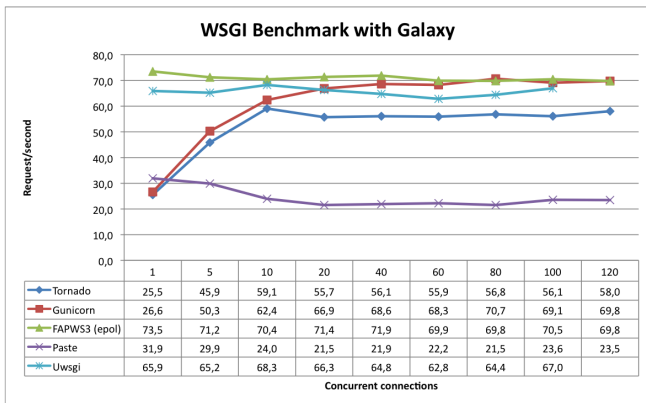


Figure: WSGI benchmark

Our solution

Install WSGI server and galaxy servers package

```
pip install greenlet gunicorn
pip install galaxyserver
# in universe_wsgi.ini:
server:main
use = egg:galaxyserver#gunicorn
```

Results

- Code online at: <https://github.com/wyleung/galaxyservers/>

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- Package in PyPi: galaxyserver