

Does Gunicorn run on Windows

Asked 8 years, 1 month ago Active 7 months ago Viewed 57k times

72

I have looked around for a while, and I was surprised not finding any information whether Gunicorn runs on Windows or not. Does anyone know if that is the case, and if so, where can I find some documentation about it?

python gunicorn

14

asked Jun 18 '12 at 17:08

 **Flavien**

5,147 ● 5 ● 32 ● 43

I'm looking for the closest alternative to Gunicorn for Windows. Any suggestions? – [Hendy Irawan](#) Jan 31 '18 at 11:07

5 I'm using [waitress](#) now, very good alternative :) – [Hendy Irawan](#) Jan 31 '18 at 11:27

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5 Answers

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66

Gunicorn is for a UNIX environment and is incompatible with Windows. Also for more info please refer to it's [docs](#).

edited Dec 1 '19 at 11:01

 **Narges Mousavi**

58 ● 4

answered Jun 18 '12 at 17:15

 **Brandon Kreisel**

1,291 ● 1 ● 14 ● 23

6 See my answer below, cygwin support is not far away – [Philippe Ombredanne](#) Dec 23 '12 at 9:43



81

Technically this is not an answer. But **practically** the answer I was looking for is how to run a WSGI web app (like Django) on Windows, and for those who got into this page because of that, here it is:



I'm using [waitress](#) now, very good alternative :)



Basically all you have to do is replace the `gunicorn` call with:

```
waitress-serve --listen=*:8000 myapp.wsgi:application
```

For typical apps this will give you the same result as running gunicorn. :) Good luck!

answered Jan 31 '18 at 12:18



[Hendy Irawan](#)

16.2k ● 8 ● 89 ● 99

3 Perfect. Exactly what I was looking for! – [grovduck](#) Feb 23 '18 at 22:45

4 Perfectly working for me without having to change any other code, thanks! Though I ended up using `waitress.serve(app, listen='0.0.0.0:5003')` where `5003` is my custom port and `app` is `app = Flask(__name__)` – [Shane Smiskol](#) Oct 2 '18 at 23:05

4 This is one of those answers that makes StackOverflow great – [ColinMac](#) Jun 24 '19 at 3:51



23

Edit: there's now a plan to add Windows support.

<https://github.com/benoitc/gunicorn/issues/524>



No. Gunicorn doesn't run on Windows. It's very design is to take 'advantage of features in Unix/Unix-like kernels'.



edited Jan 4 '14 at 19:30

answered Dec 13 '12 at 20:53



[Colonel Panic](#)

111k ● 70 ● 343 ● 425



8

gunicorn used not to run directly on Windows, but work (and pending issues being resolved) mean that you can make it work on Cygwin.

See <https://github.com/benoitc/gunicorn/issues/407>



(Note: I update this answer because the bug has now been fixed)



edited Sep 22 '16 at 8:16

answered Dec 23 '12 at 9:43



[Philippe Ombredanne](#)

1,734 ● 17 ● 33



2

Gunicorn does not support windows, although you can use [waitress](#)

answered Jun 10 '19 at 9:22



[Shubham Rai](#)

29 ● 2

