

# **New flavors of pg\_top**

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pgunconf#2 @ Tokyo  
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# The lecturer

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# About pg\_top

- Equivalent of top command for Postgres
  - backend process information (state...)
  - memory, CPU, swap info
- Code:
  - Main repo [http://git.postgresql.org/git/pg\\_top.git](http://git.postgresql.org/git/pg_top.git)
  - Github: [https://github.com/markwkm/pg\\_top.git](https://github.com/markwkm/pg_top.git)

# Past shape

- Default output

```
last pid: 596; load avg: 0.07, 0.02, 0.01;    up 0+00:28:32 09:22:56
```

```
1 processes: 1 sleeping
```

```
CPU states: 0.7% user, 0.0% nice, 0.5% system, 98.8% idle, 0.0% iowait
```

```
Memory: 349M used, 15G free, 18M buffers, 158M cached
```

```
Swap: 100M free
```

```
PID USERNAME PRI NICE SIZE RES STATE TIME WCPU CPU COMMAND
715 ioltas 20 0 172M 82M run 0:06 10.36% 73.63% postgres: ioltas ioltas [local] INSERT
743 ioltas 20 0 172M 5416K sleep 0:00 0.00% 0.00% postgres: ioltas ioltas [local] idle
```

# New things

- Use of long options
- Readable --help message
- New system information
  - Database TPS
  - Database I/O
  - Database disk

# New shape

- And here is now how it is...

```
last pid: 596; load avg: 0.07, 0.02, 0.01;    up 0+00:28:32 09:22:56
```

```
1 processes: 1 sleeping
```

```
CPU states: 0.7% user, 0.0% nice, 0.5% system, 98.8% idle, 0.0% iowait
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```
Memory: 349M used, 15G free, 18M buffers, 158M cached
```

```
DB activity: 6 tps, 0 rollbs/s, 6 buffer r/s, 97 hit%, 144 row r/s, 0 row w/s
```

```
DB I/O: 0 reads/s, 0 KB/s, 1 writes/s, 11 KB/s
```

```
DB disk: 48.6 GB total, 13.4 GB free (72% used)
```

```
Swap: 100M free
```

```
PID USERNAME PRI NICE SIZE RES STATE TIME WCPU CPU COMMAND
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# Thanks for your attention!