

StatsD ir Graphite

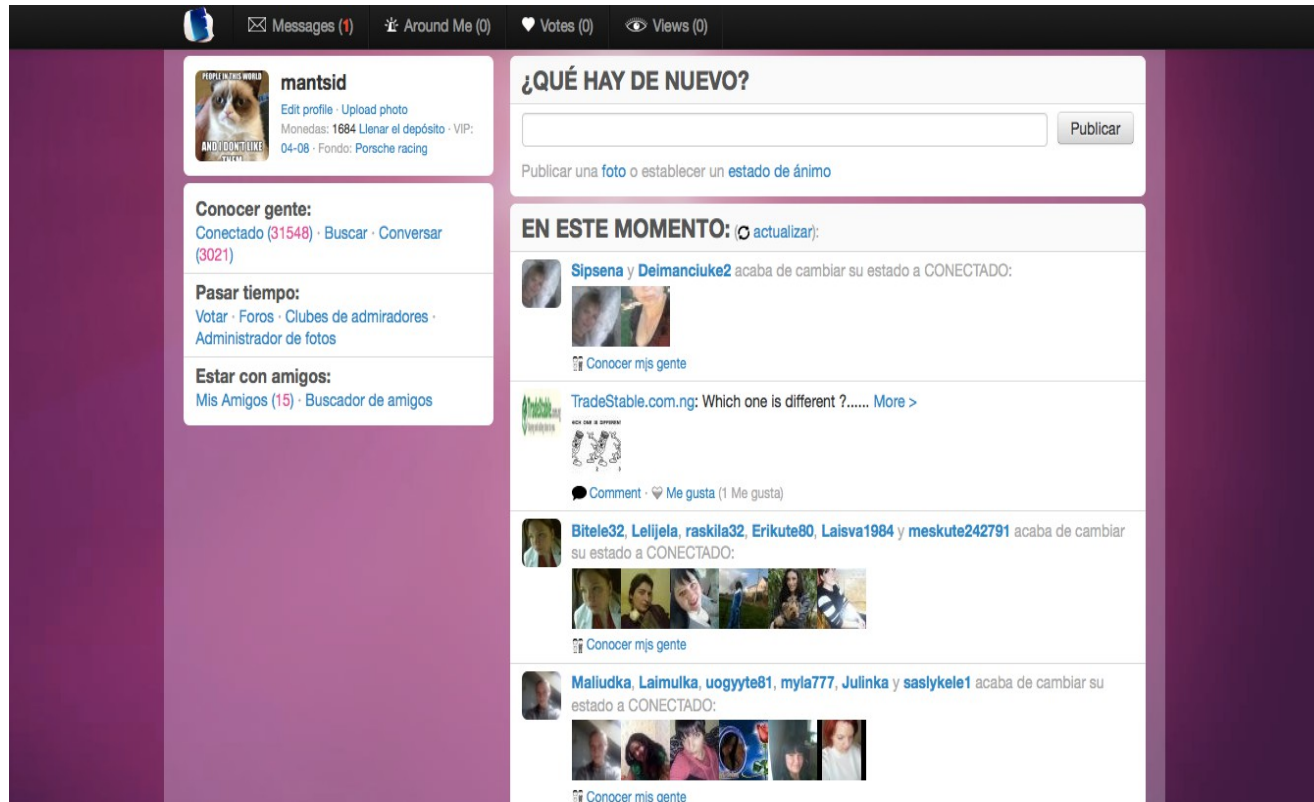


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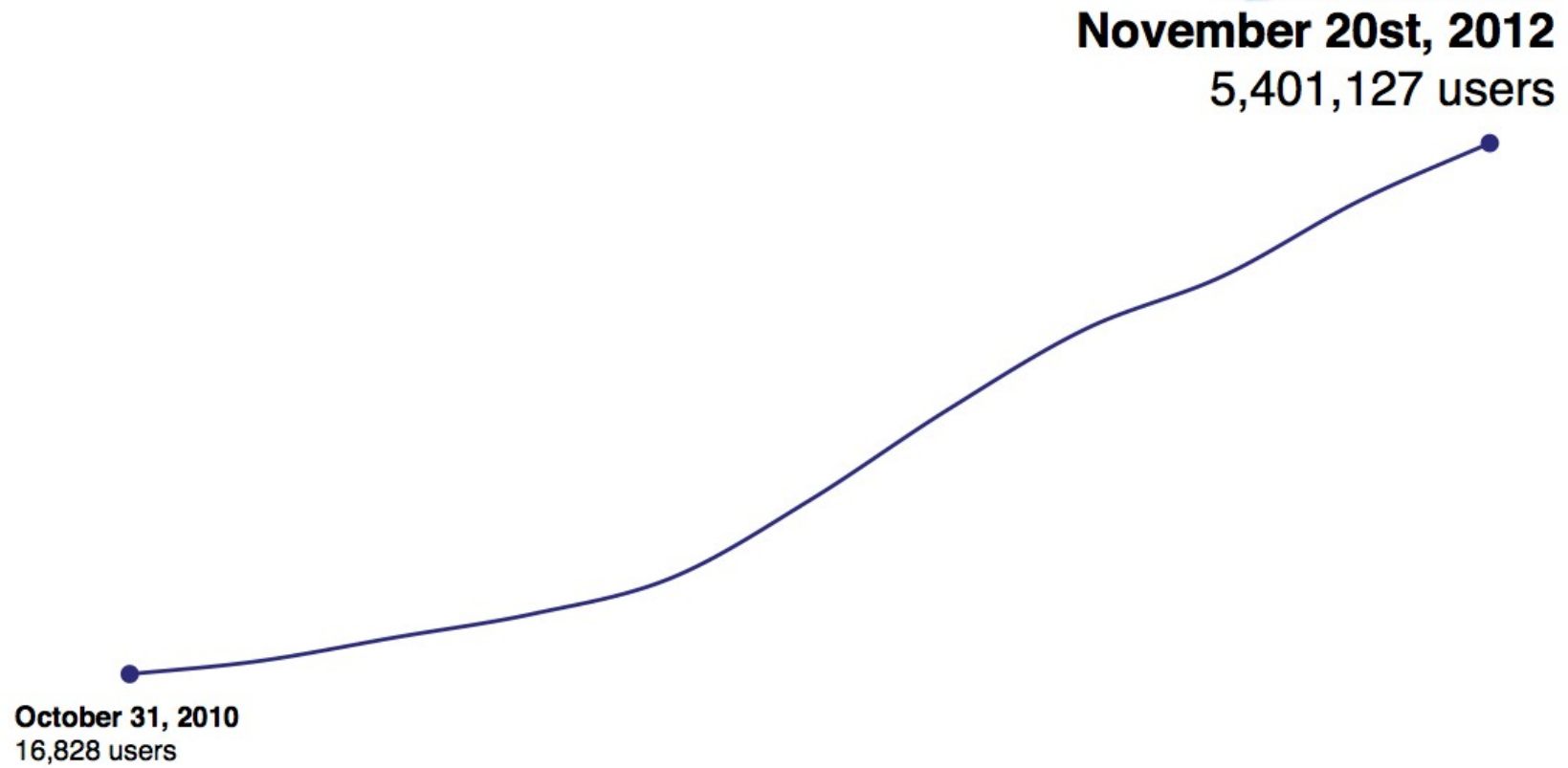
mantas@eskimi.com

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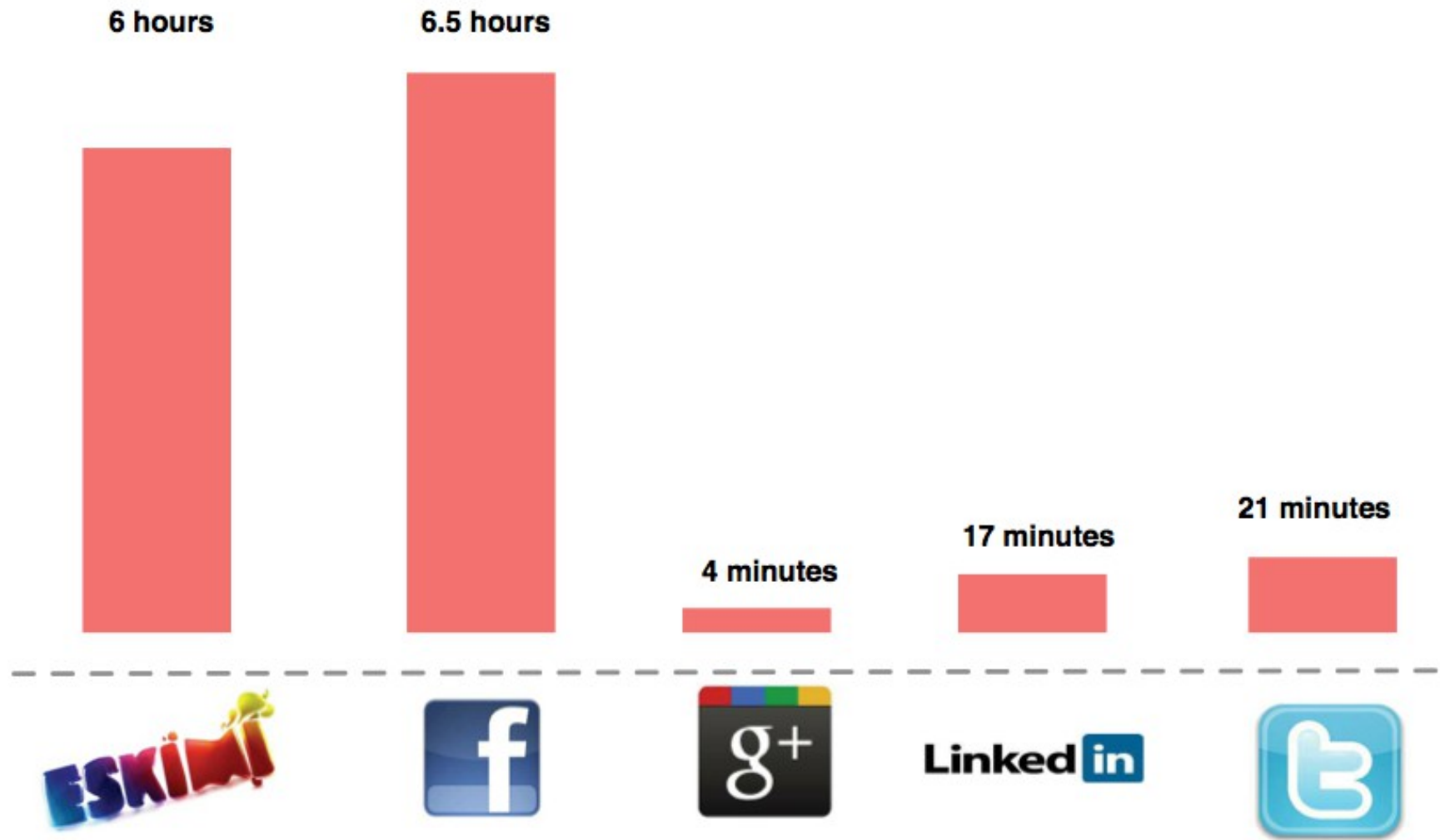


~11m narių
~1mlrd atvertimų

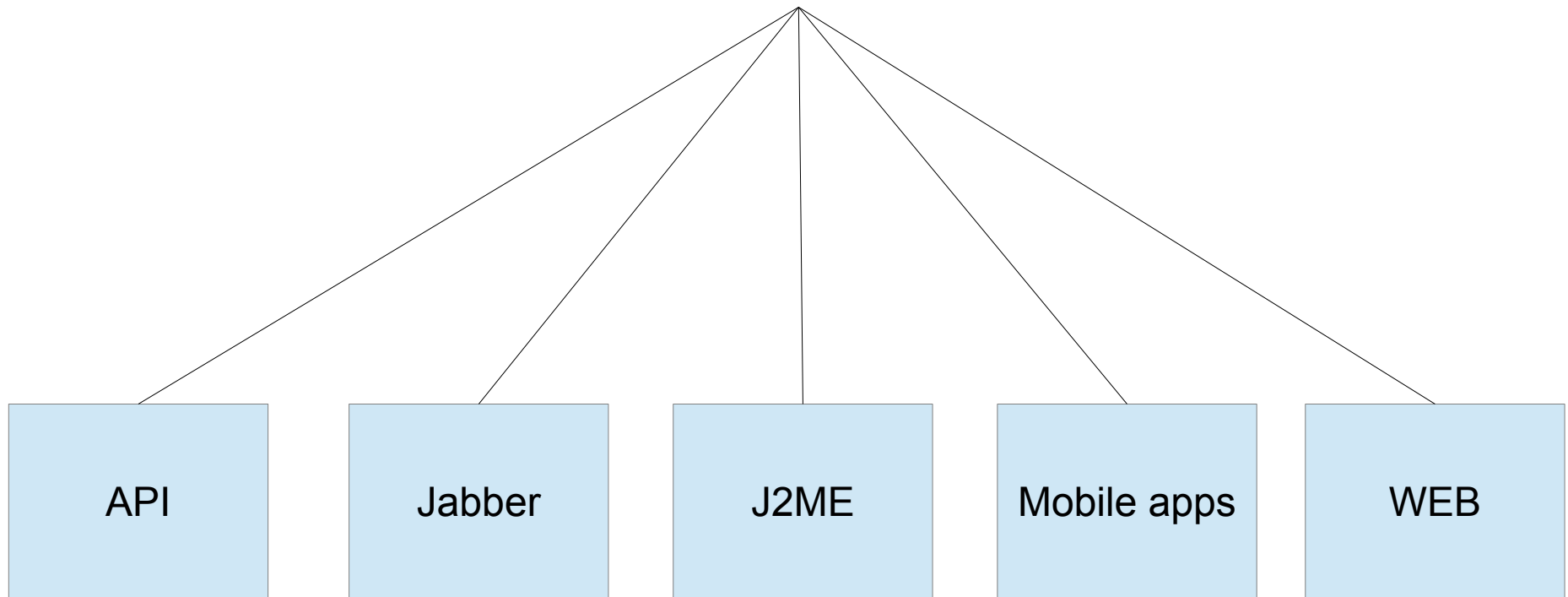
Nigeria



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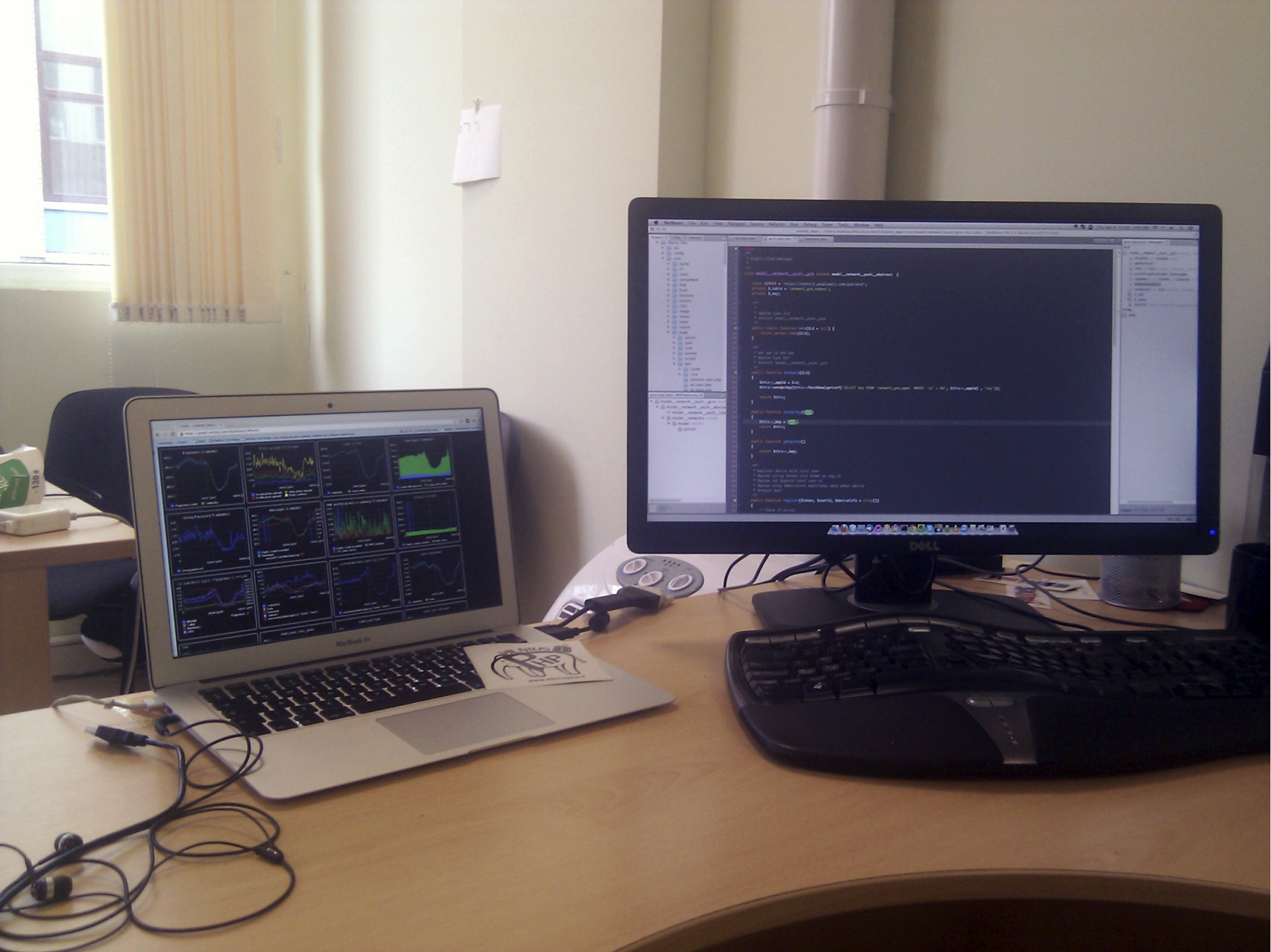


Source: <http://bit.ly/OecdU>

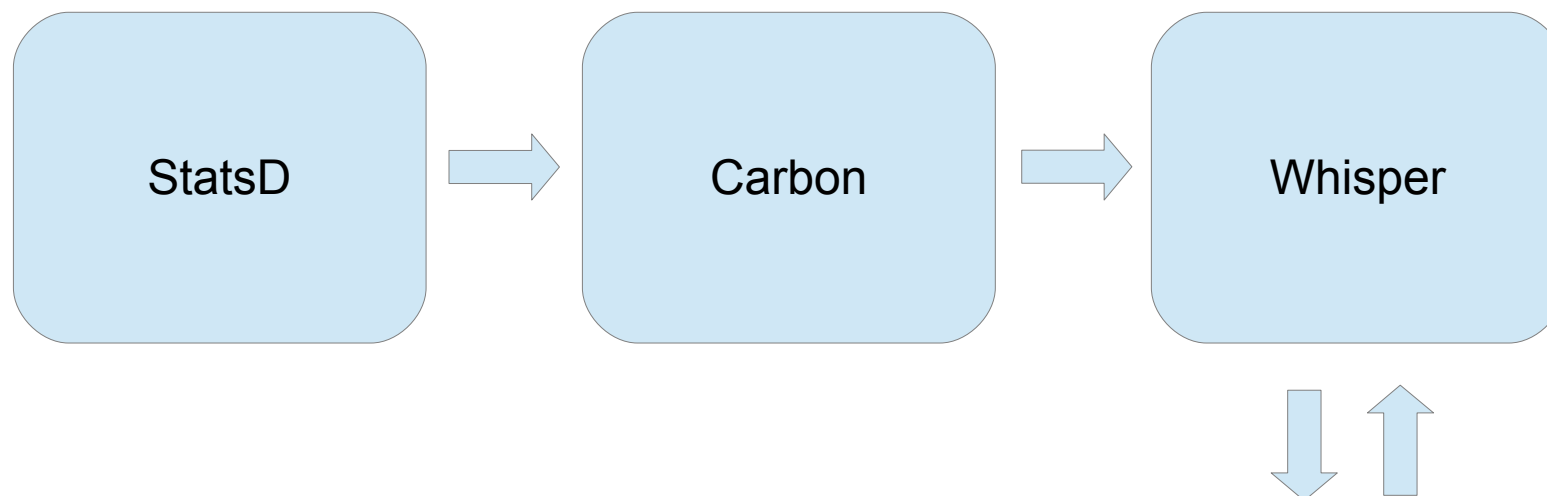


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- PHP
- MySQL (sharding, InnoDB compressions)
- Memcached
- Sphinx
- Erlang



Kaip tai veikia?



StatsD

- Node.js demonas
- UDP!
- Agreguoja, siunčia į carbon
- Third-party backends: mongo, ganglia, ...
- Metrikos: increment, gauge, timing, set

carbon, whisper

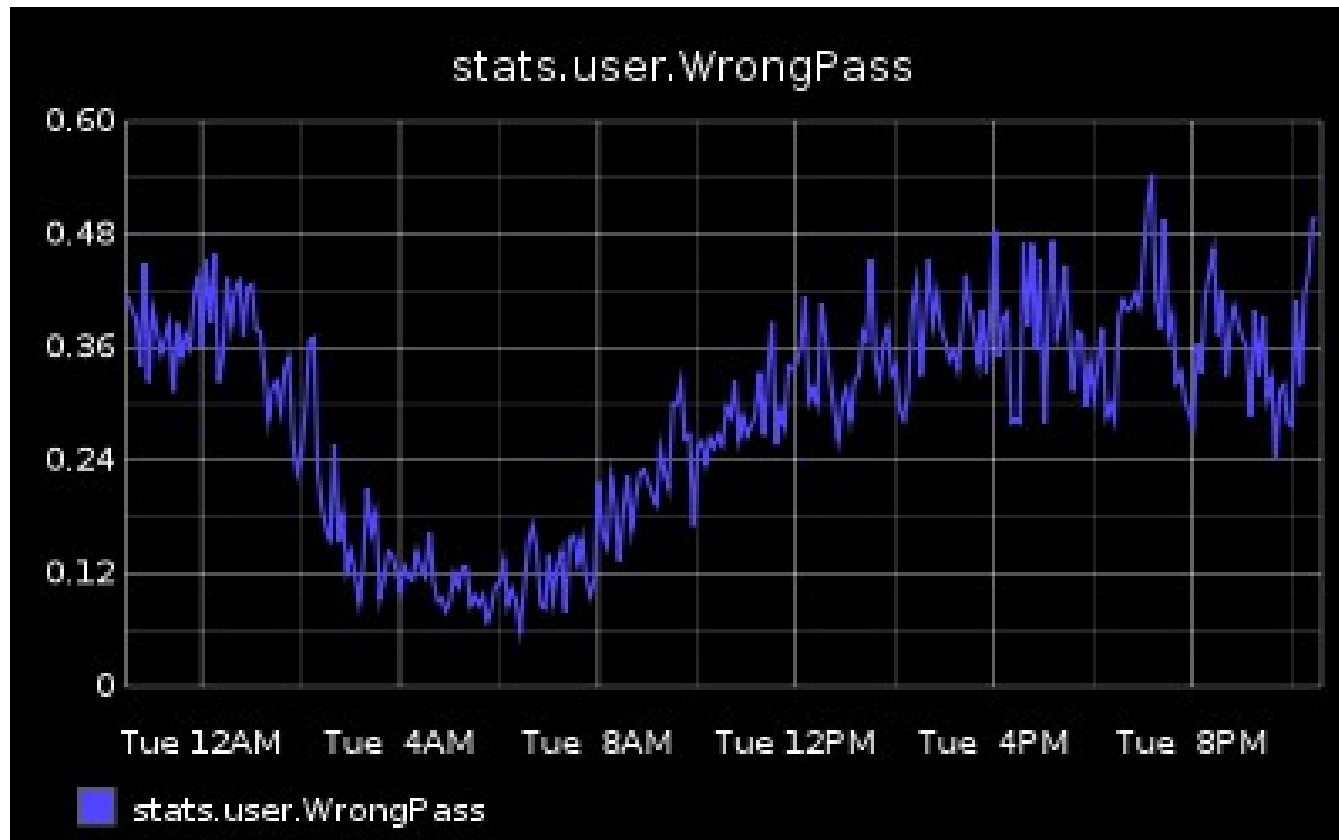
- carbon – priima duomenis per tcp, agreguoja.
retentions = 10:2160,60:10080,600:262974
- whisper – DB, saugo “time-series data”.

Naudojam

```
statsd::increment('user.WrongPass');
```

Naudojam

```
statsd::increment('user.WrongPass');
```

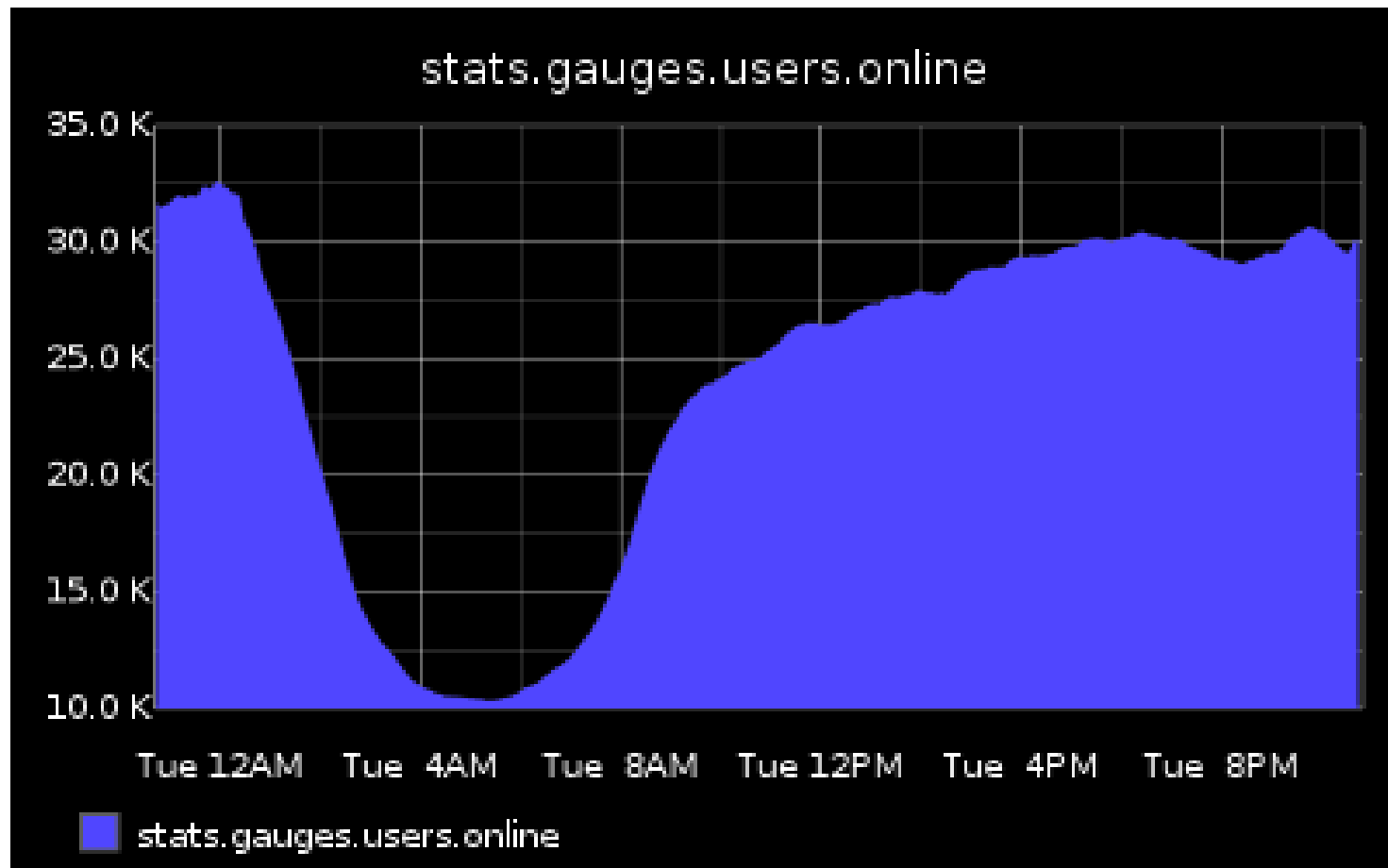


Naudojam

```
statsd::gauge('users.online', $online);
```


Naudojam

```
statsd::gauge('users.online', $online);
```

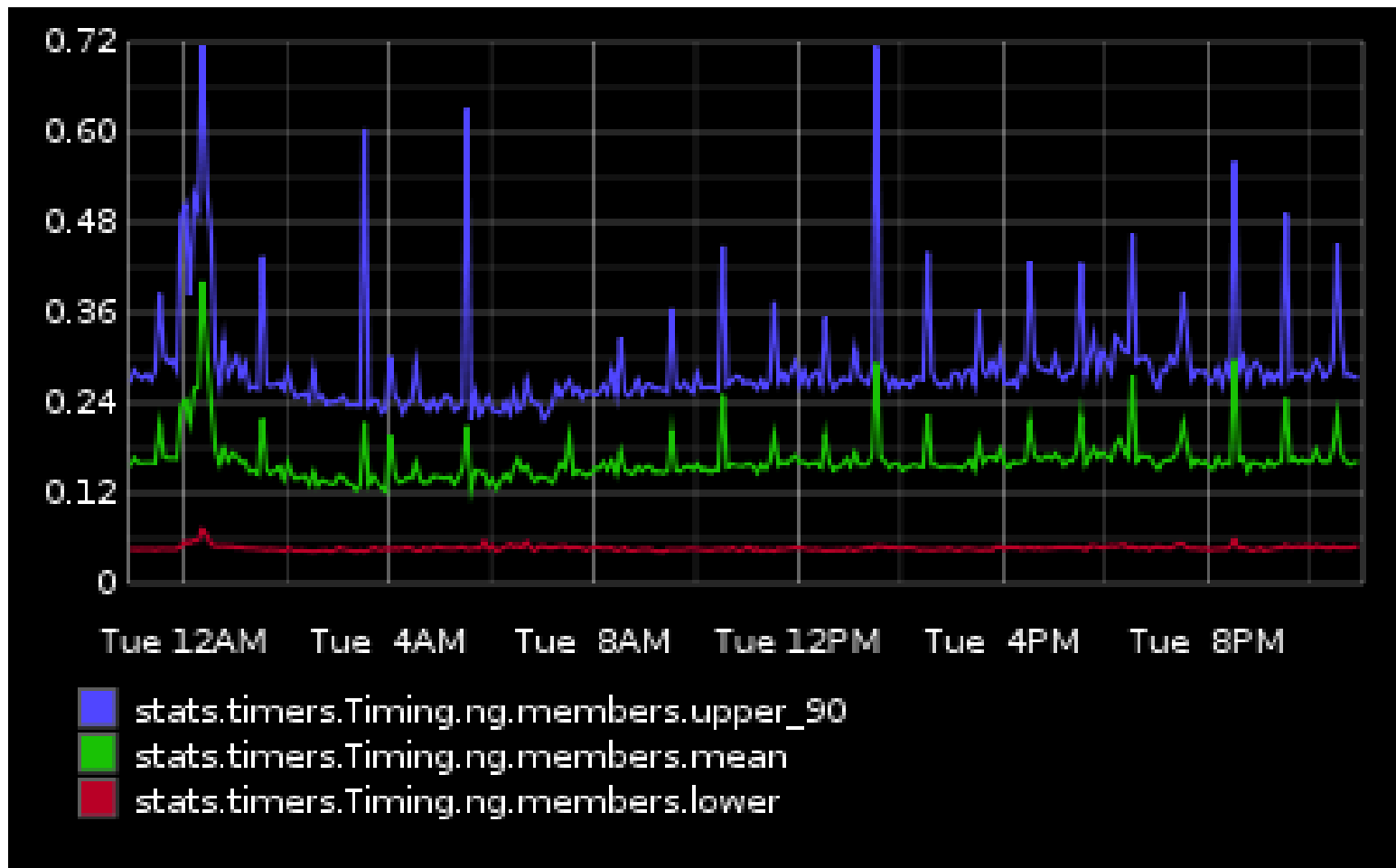


Naudojam

```
statsd::timing('Timing . ' . $this->alias, $loadTime);
```

Naudojam

```
statsd::timing('Timing . '.$this->alias, $loadTime);
```



URL API

render?

width=400

&from=-6hours

&height=250

&target=stats.timers.members.lower

&target=stats.timers.members.mean

&target=stats.timers.members.upper_90

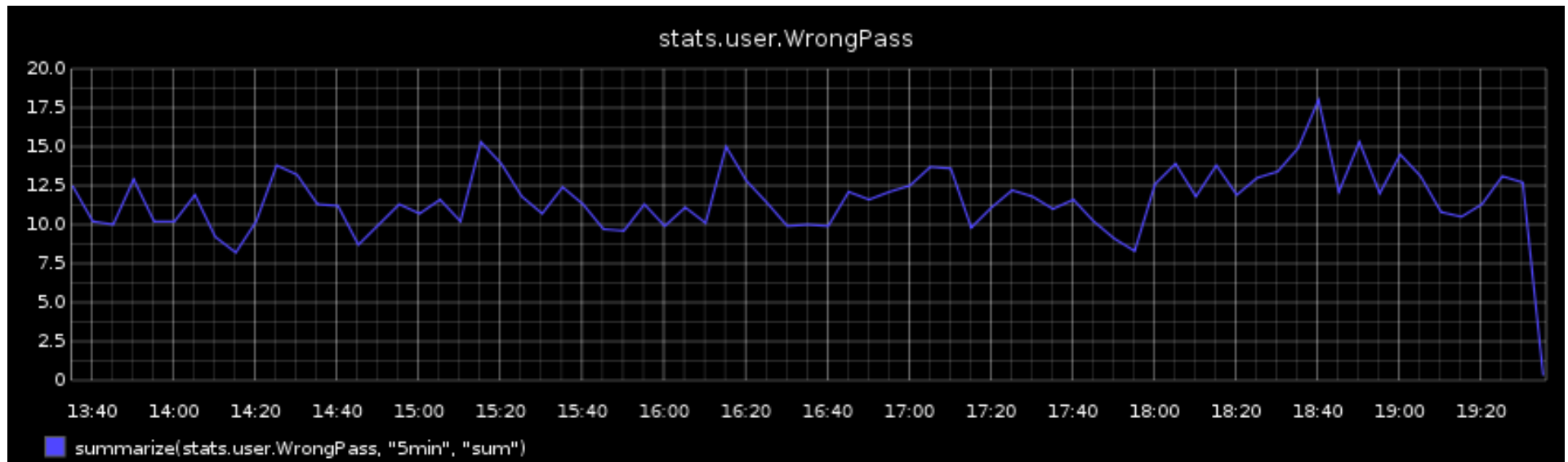
Graphite dashboard



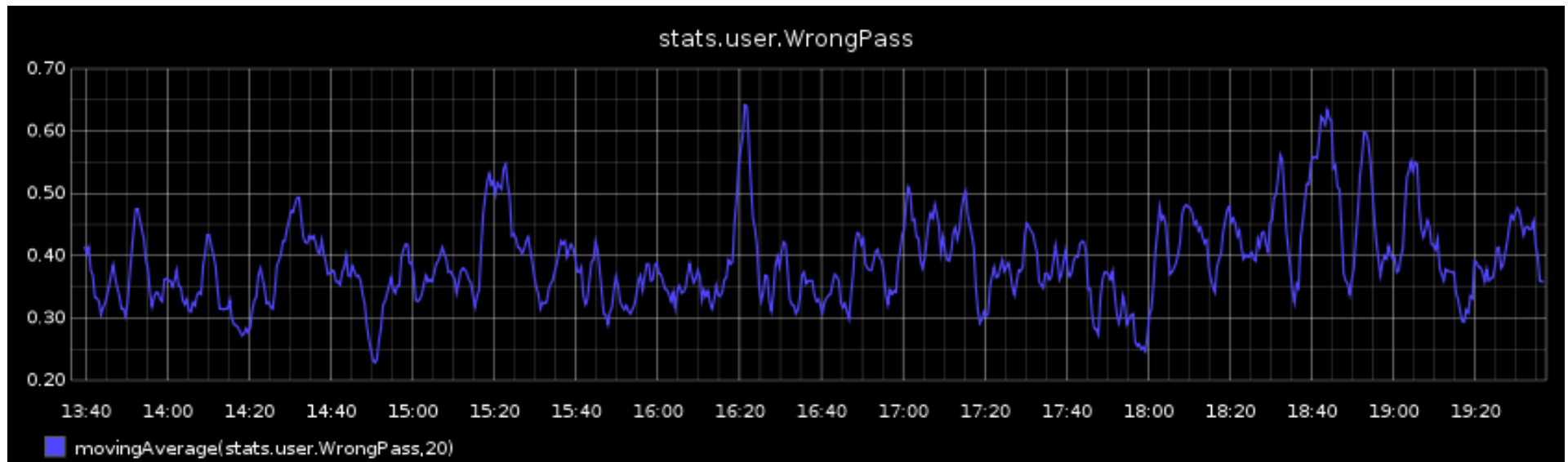
Graphite funkcijos

- alias()
- summarize(),
- movingAverage()
- timeShift()
- drawAsInfinite()

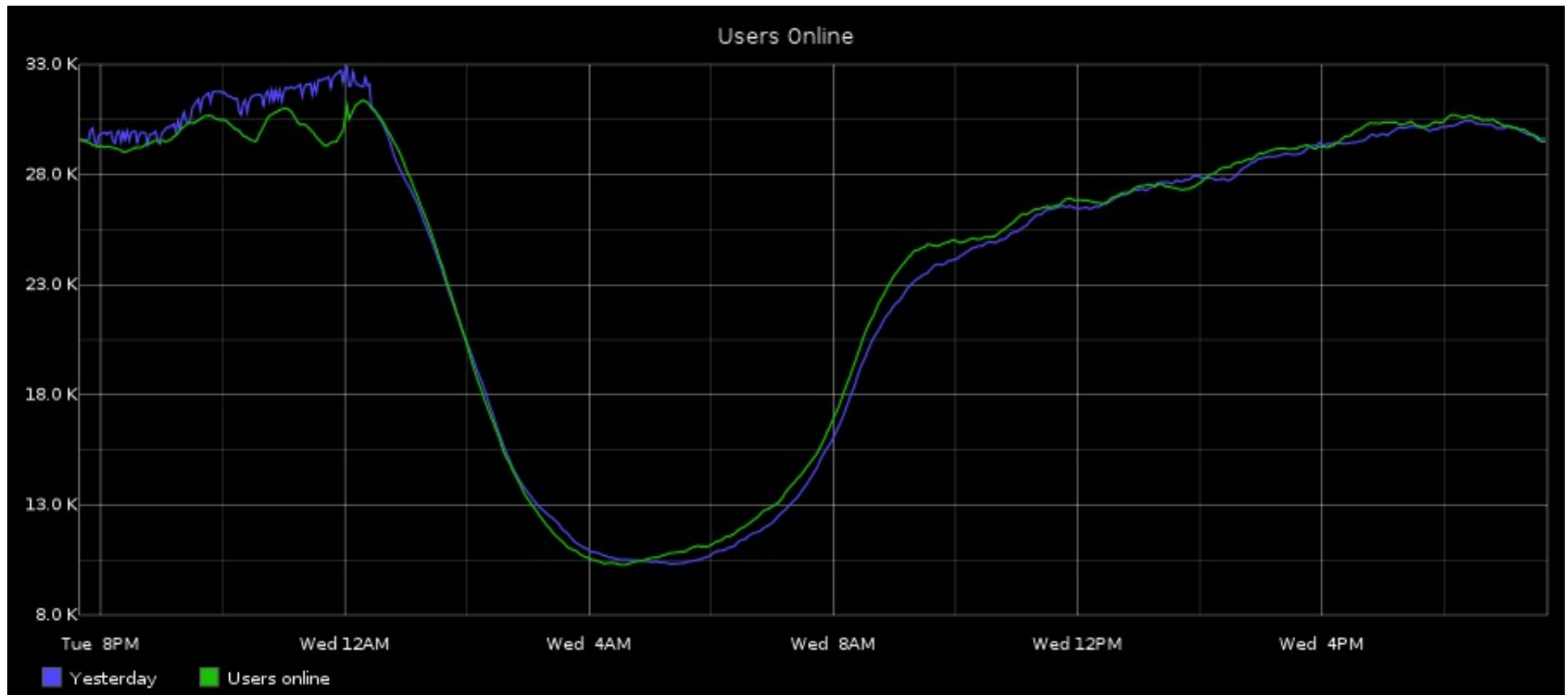
summarize()



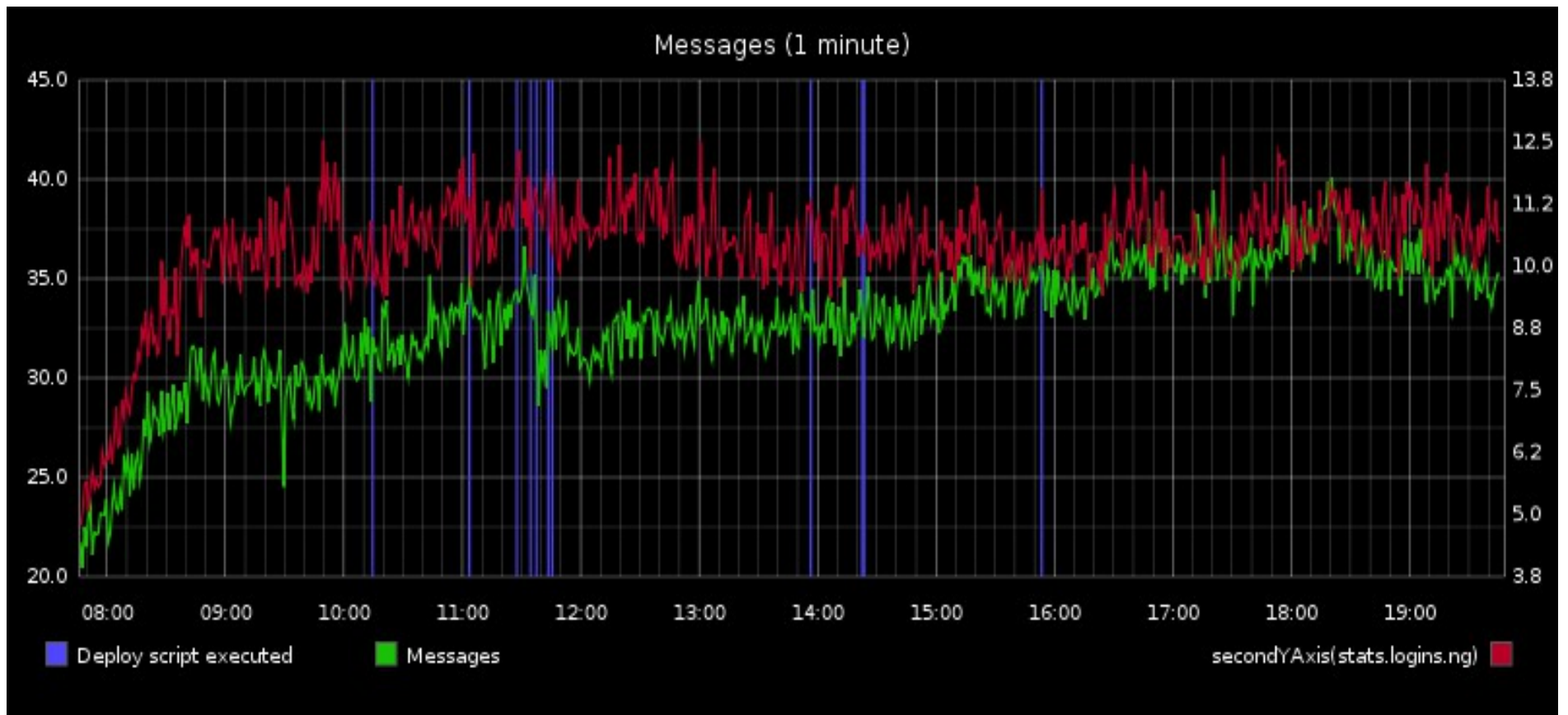
movingAverage()



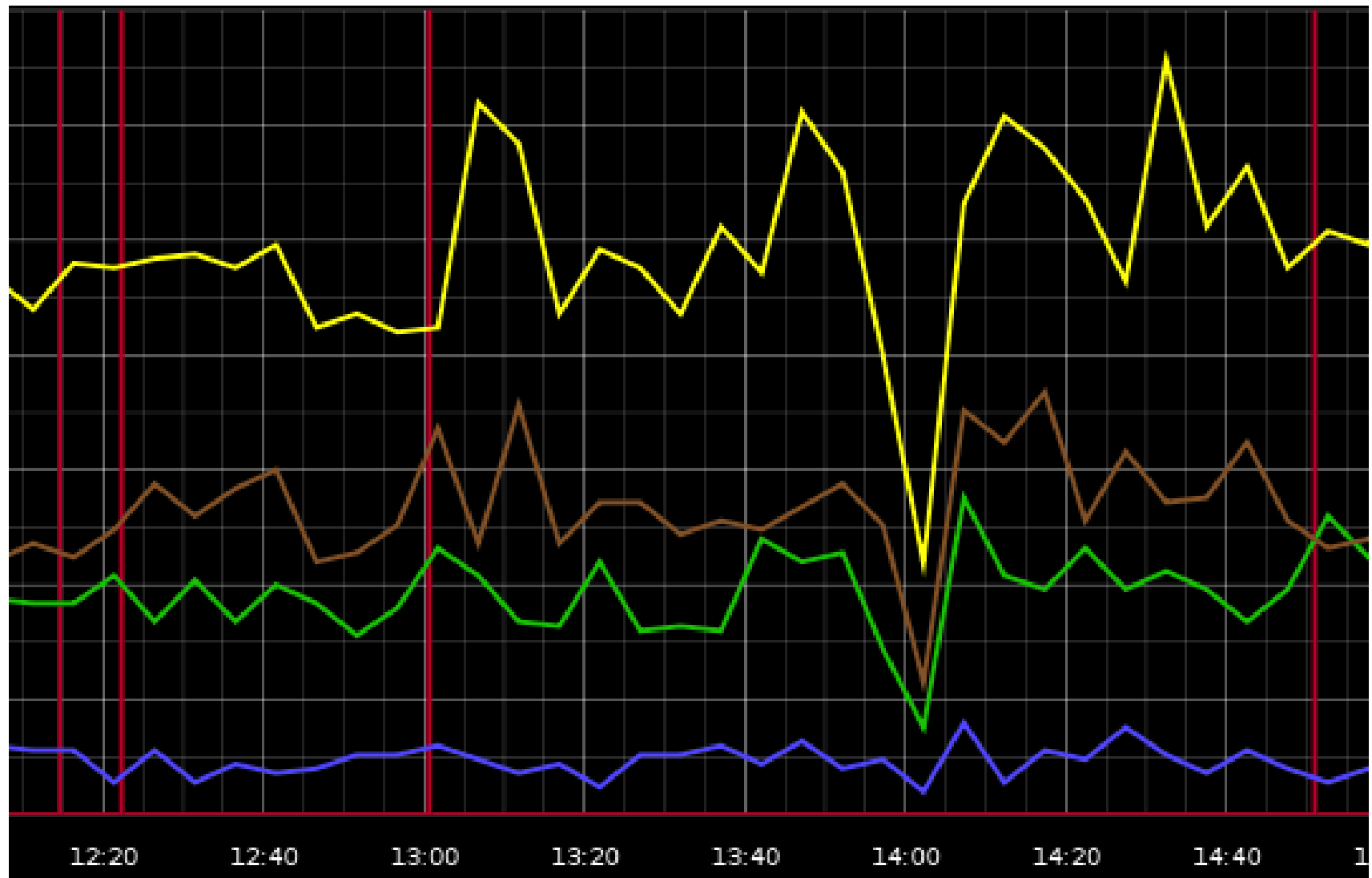
timeShift()



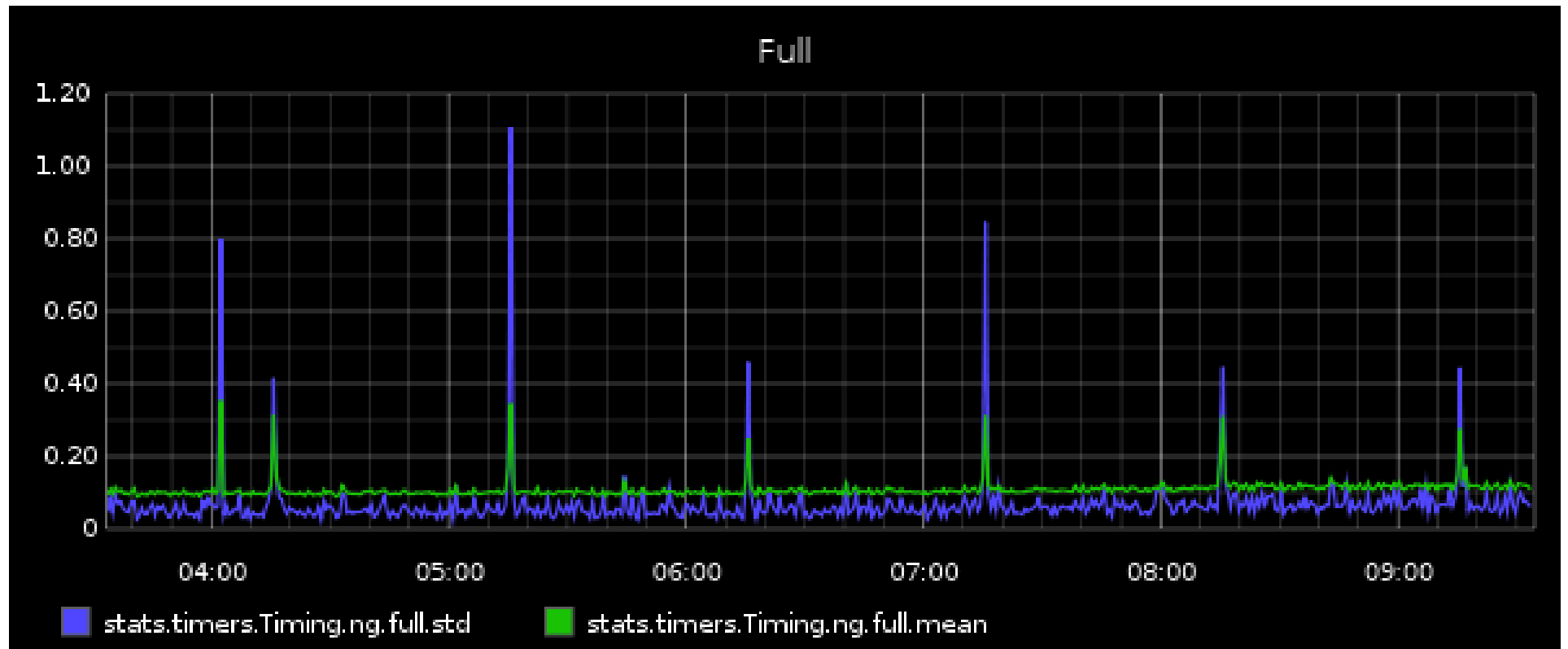
drawAsInfinite()



Kas matosi #1



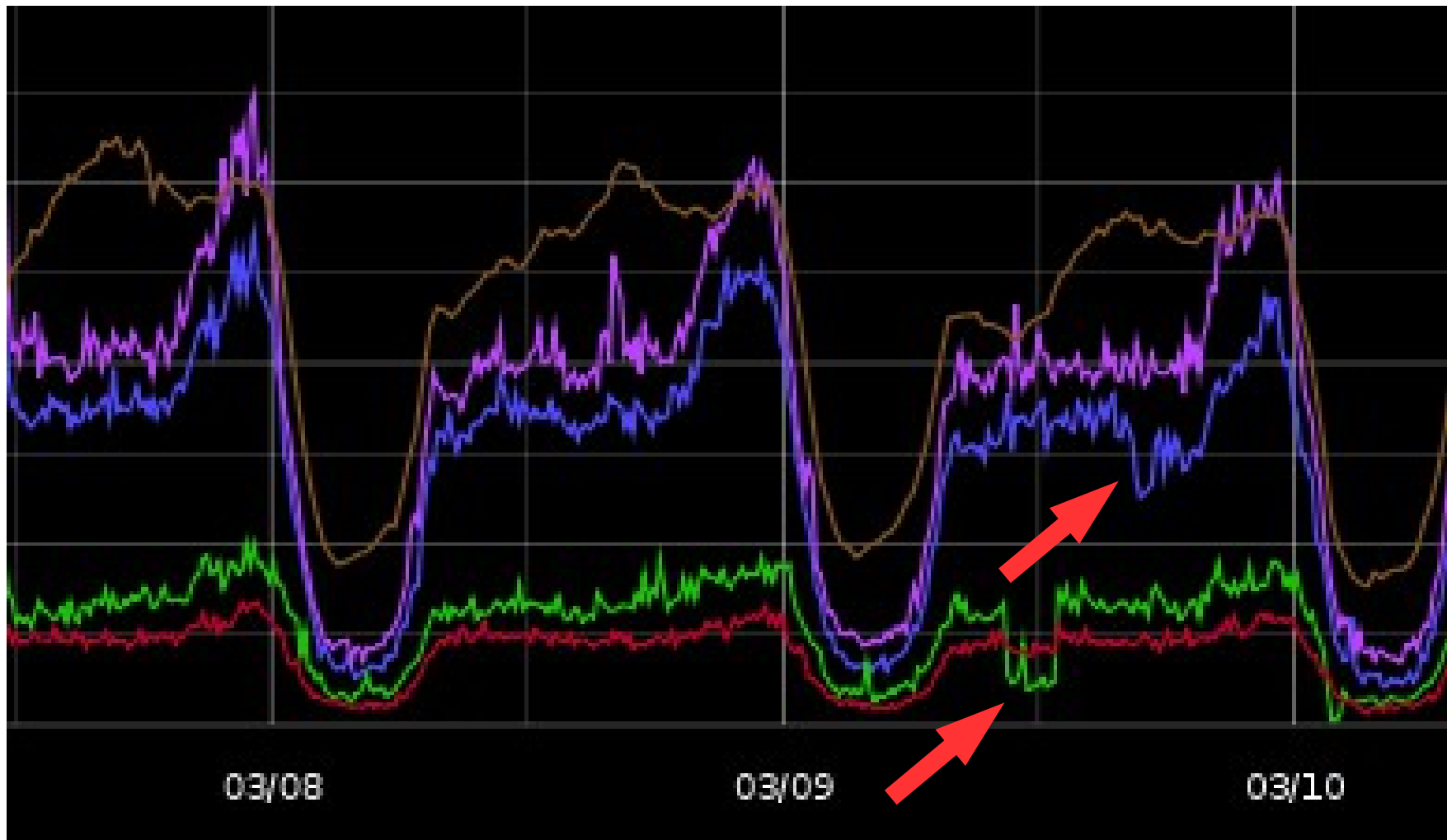
Kas matosi #2



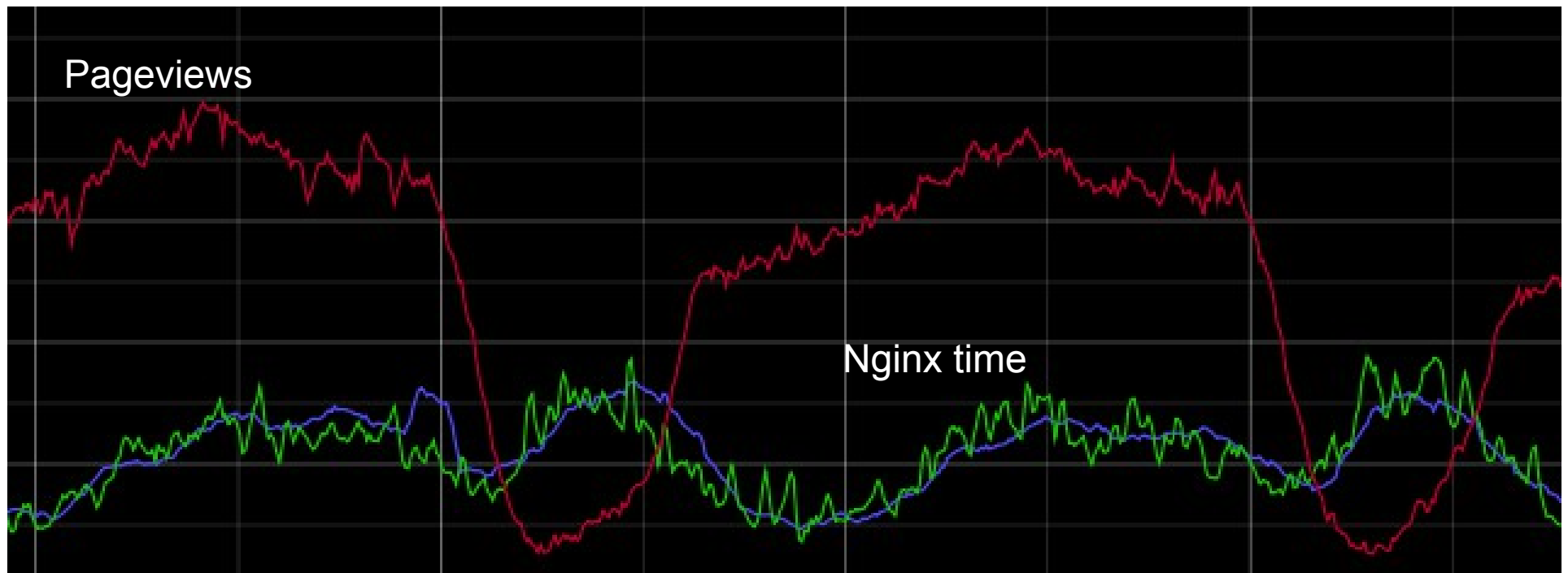
Kas matosi #3



Kas matosi #4



Kas matosi #5



Kiti būdai

- Logster (nginx, apache_note())
- nc
- Logstash

Links

- <https://github.com/etsy/statsd/>
- <https://github.com/etsy/logster>
- <http://graphite.wikidot.com/>
- <http://graphite.readthedocs.org/>

Ačiū

Klausimai?