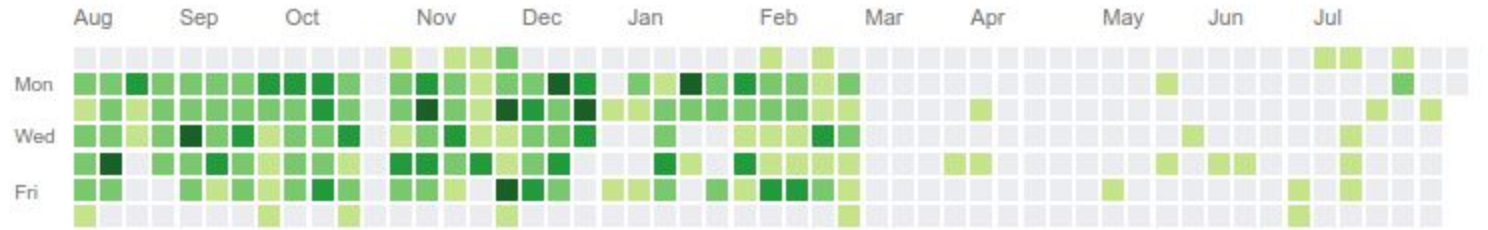
Carl Bergquist

Software engineer at Grafana Labs

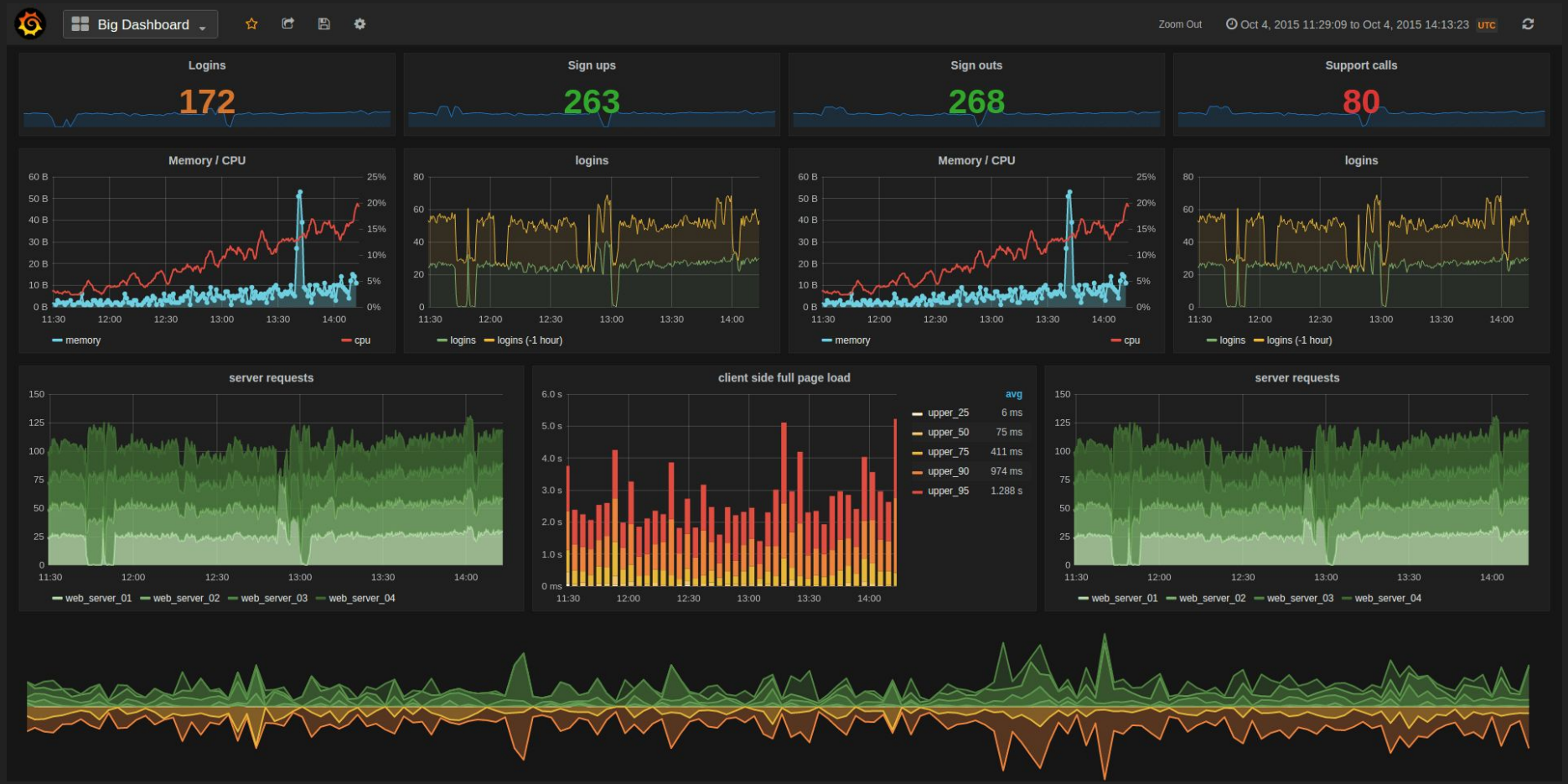
1,137 contributions in the last year

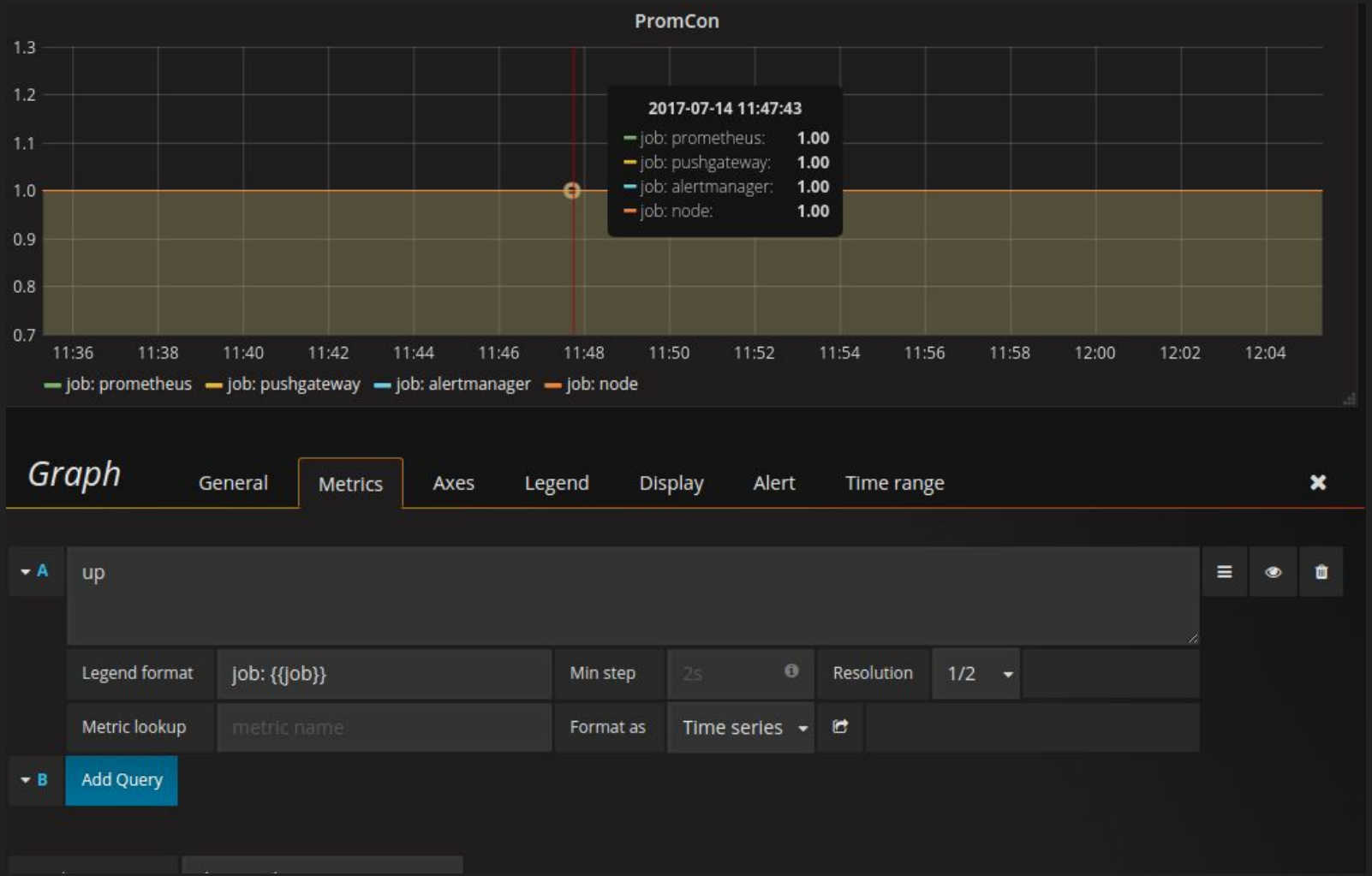
Contribution settings

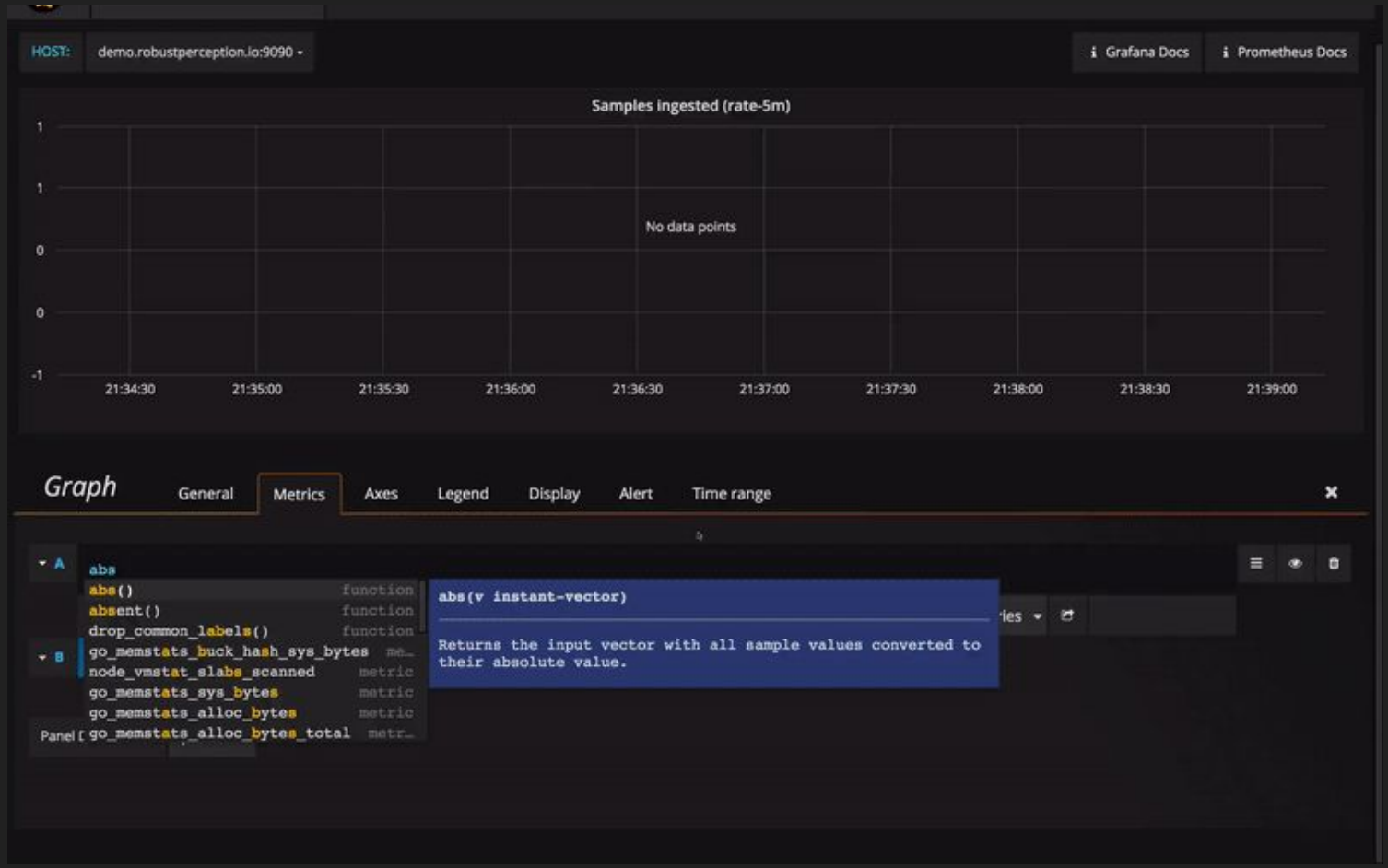


Learn how we count contributions.

Less More


Big Dashboard
Zoom Out
Oct 4, 2015 11:29:09 to Oct 4, 2015 14:13:23 UTC
Logins
172
Sign ups
263
Sign outs
268
Support calls
80
Memory / CPU
logins
Memory / CPU
logins
memory
cpu
logins
logins (-1 hour)
server requests
client side full page load
server requests
avg
upper_25 6 ms
upper_50 75 ms
upper_75 411 ms
upper_90 974 ms
upper_95 1.288 s
web_server_01
web_server_02
web_server_03
web_server_04


PromCon
1.3
1.2
1.1
1.0
0.9
0.8
0.7
2017-07-14 11:47:43
job: prometheus: 1.00
job: pushgateway: 1.00
job: alertmanager: 1.00
job: node: 1.00
11:36
11:38
11:40
11:42
11:44
11:46
11:48
11:50
11:52
11:54
11:56
11:58
12:00
12:02
12:04
job: prometheus
job: pushgateway
job: alertmanager
job: node
Graph
General
Metrics
Axes
Legend
Display
Alert
Time range
A
up
Legend format
job: {{job}}
Min step
2s
Resolution
1/2
Metric lookup
metric name
Format as
Time series
B
Add Query

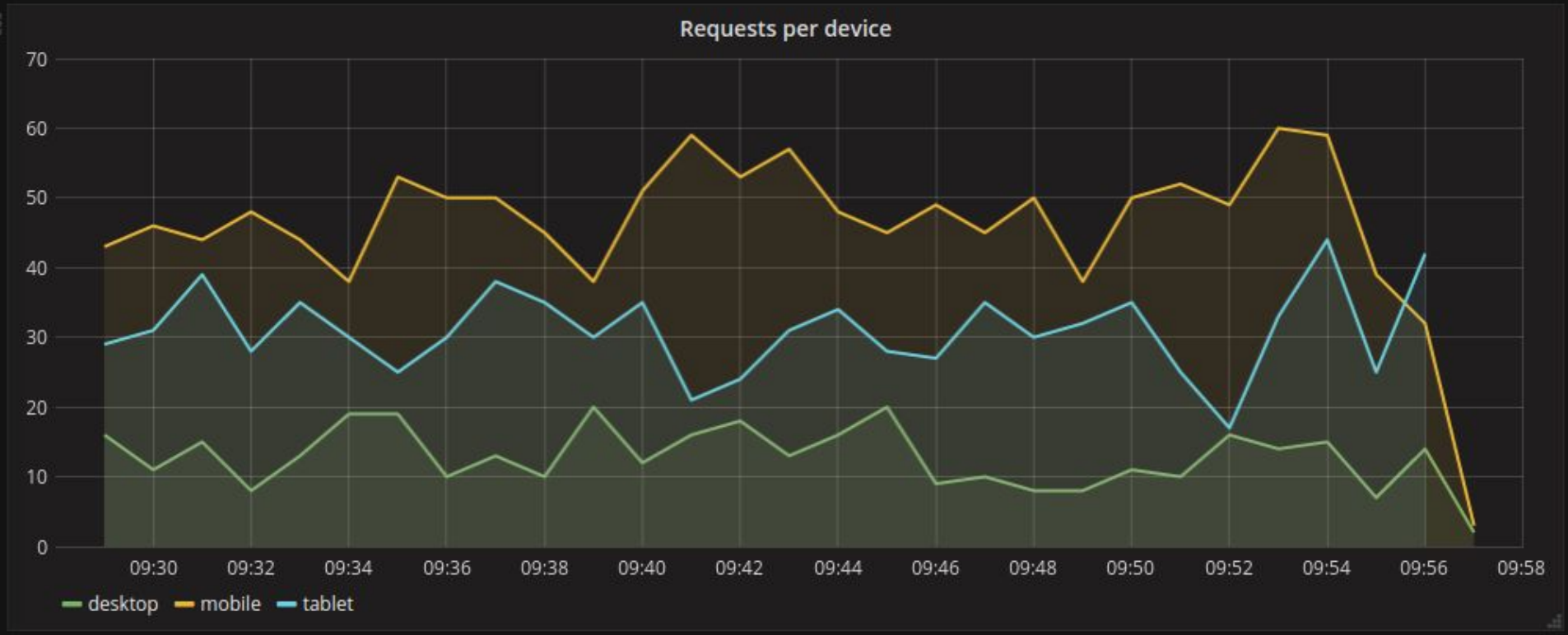


https://github.com/grafana/grafana/tree/ace-editor

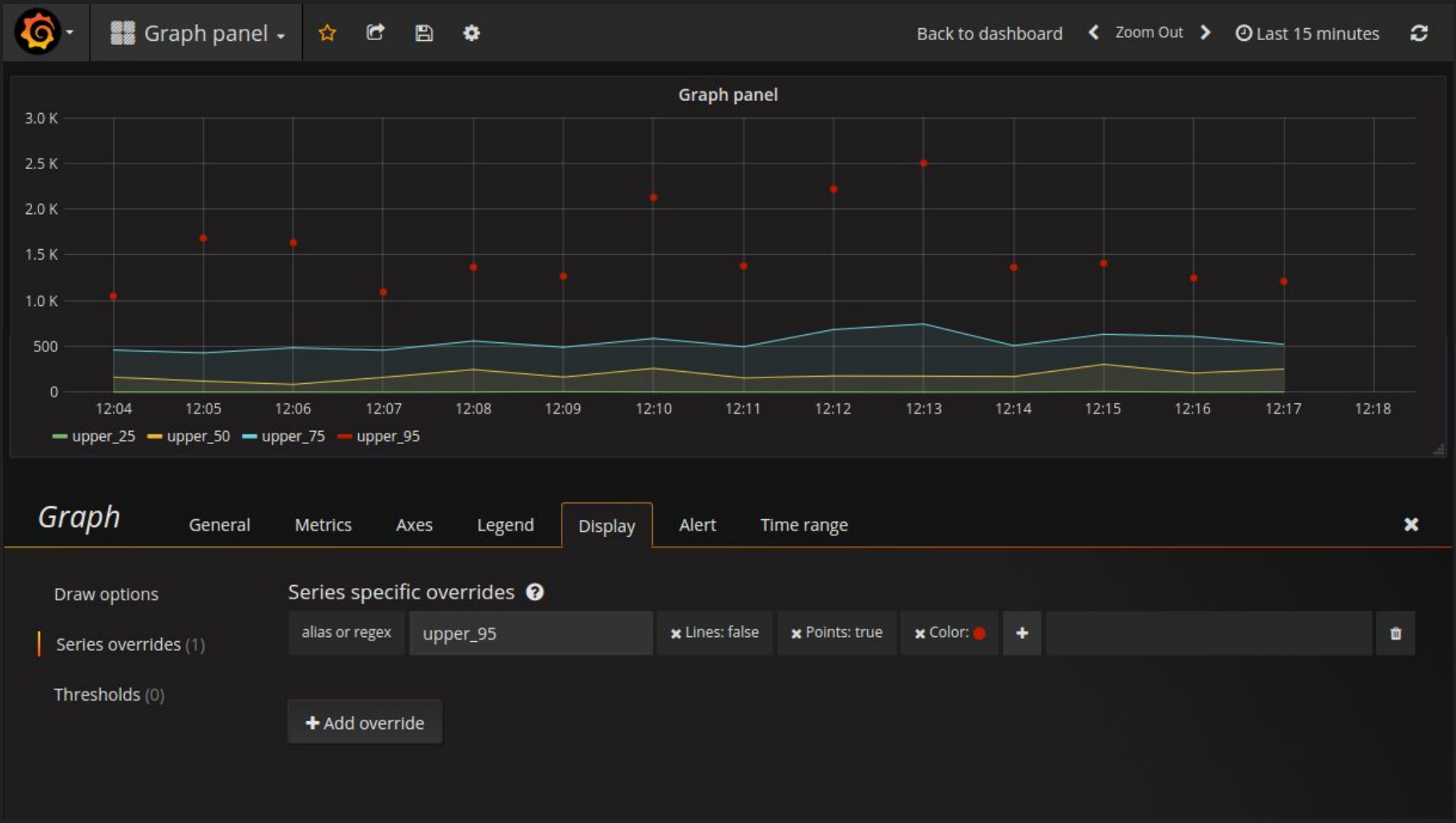
Graph panel display optio...

Zoom Out

now-35m to now-5m



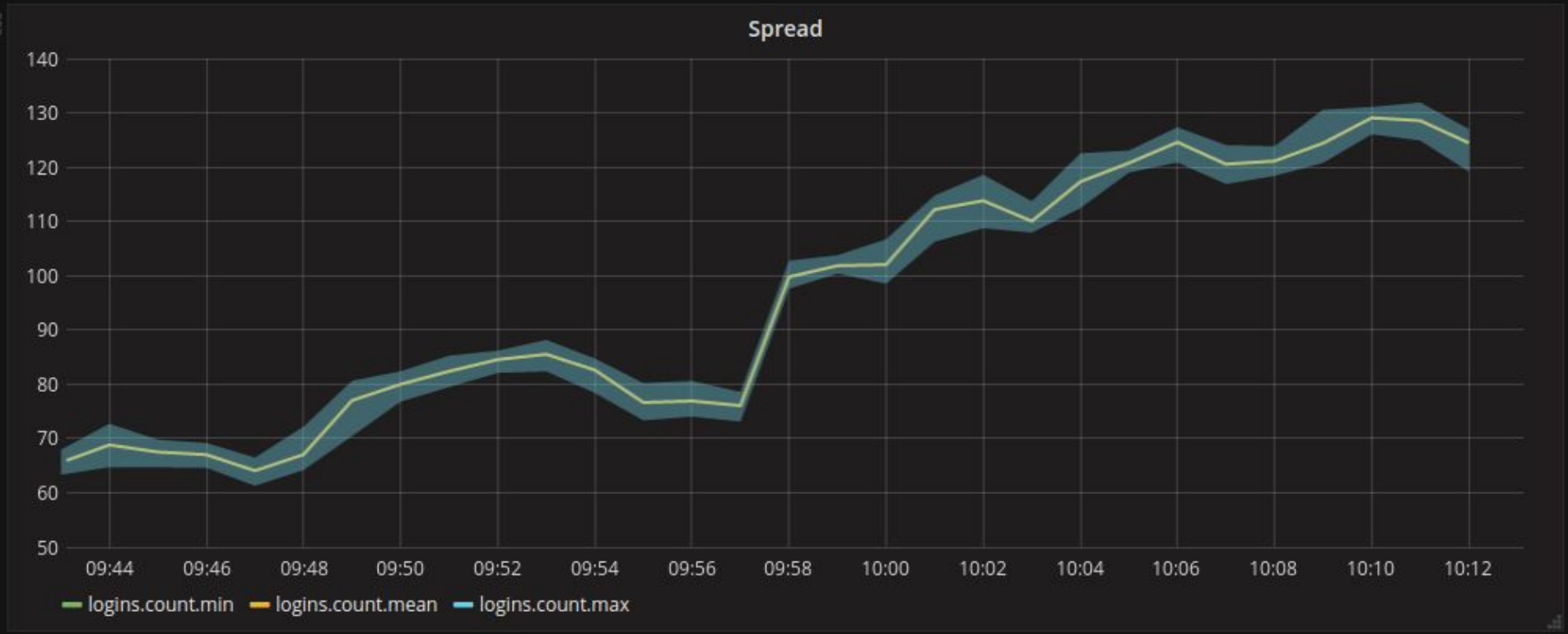
+ ADD ROW


Graph panel
Back to dashboard
Zoom Out
Last 15 minutes
Graph panel
3.0 K
2.5 K
2.0 K
1.5 K
1.0 K
500
0
12:04
12:05
12:06
12:07
12:08
12:09
12:10
12:11
12:12
12:13
12:14
12:15
12:16
12:17
12:18
upper_25
upper_50
upper_75
upper_95
Graph
General
Metrics
Axes
Legend
Display
Alert
Time range
Draw options
Series overrides (1)
Thresholds (0)
Series specific overrides
alias or regex
upper_95
Lines: false
Points: true
Color:
Add override

Graph panel

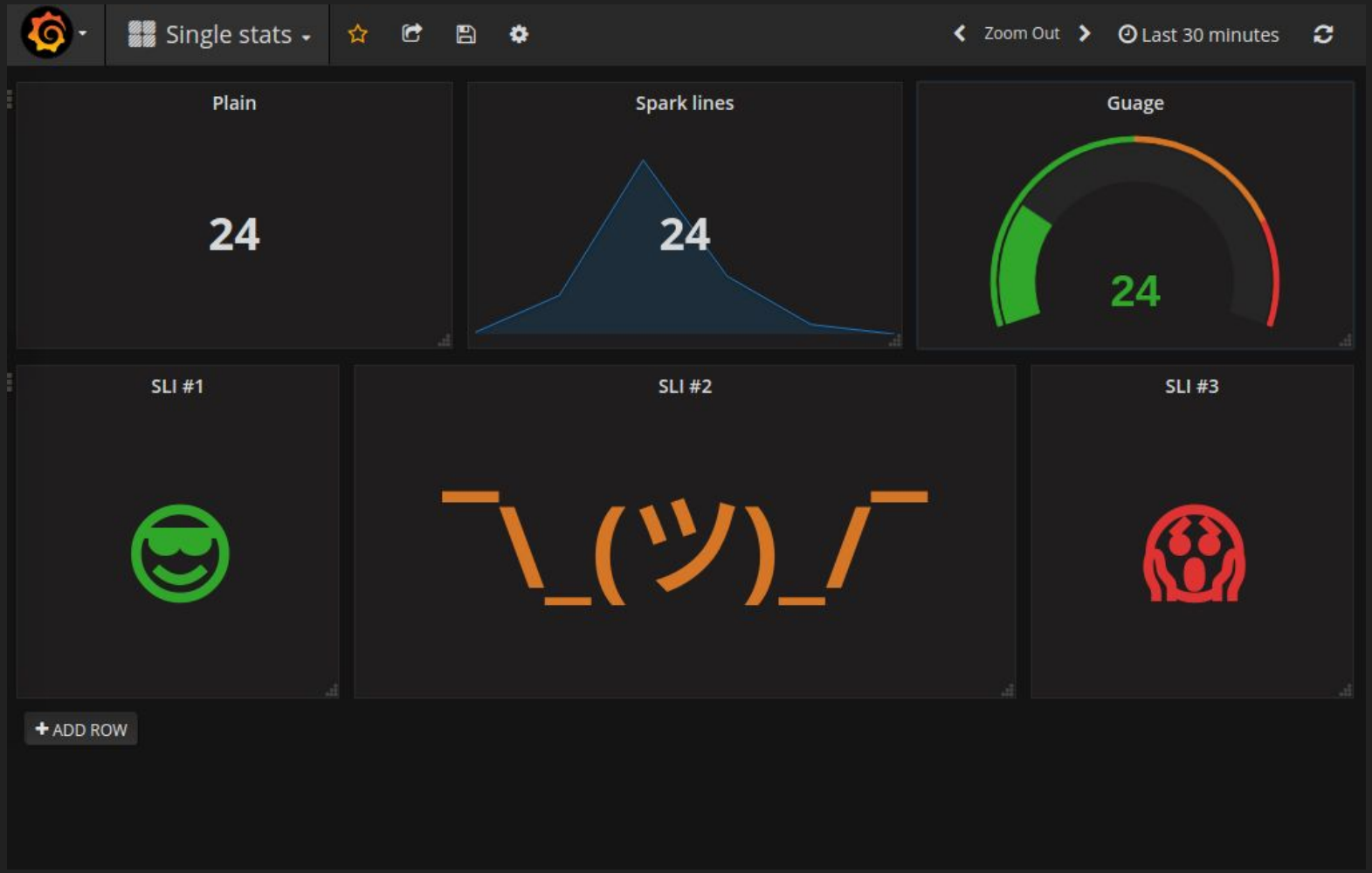
Zoom Out

Last 30 minutes



+ ADD ROW

Annotations
Zoom Out
Last 1 hour
events
Annotations example
700
600
500
400
300
200
100
12:30
12:35
12:40
12:45
12:50
12:55
13:00
13:05
13:10
13:15
13:20
13:25
web_server_02
web_server_01
Annotations example
35
30
25
20
15
10
5
Description
Annotations
Annotation is a feature that must be enabled in the dashboards settings / Controls tab / Feature toggles
Annotation bar is then visible at the top.
Click on the cog to open the Annotations dialog
In this dialog you can add or edit annotations
Currently only Graphite metrics and Graphite events are supported sources of annotations


Single stats
Zoom Out
Last 30 minutes
Plain
24
Spark lines
24
Guage
24
SLI #1
SLI #2
¯_(ツ)_/¯
SLI #3
ADD ROW

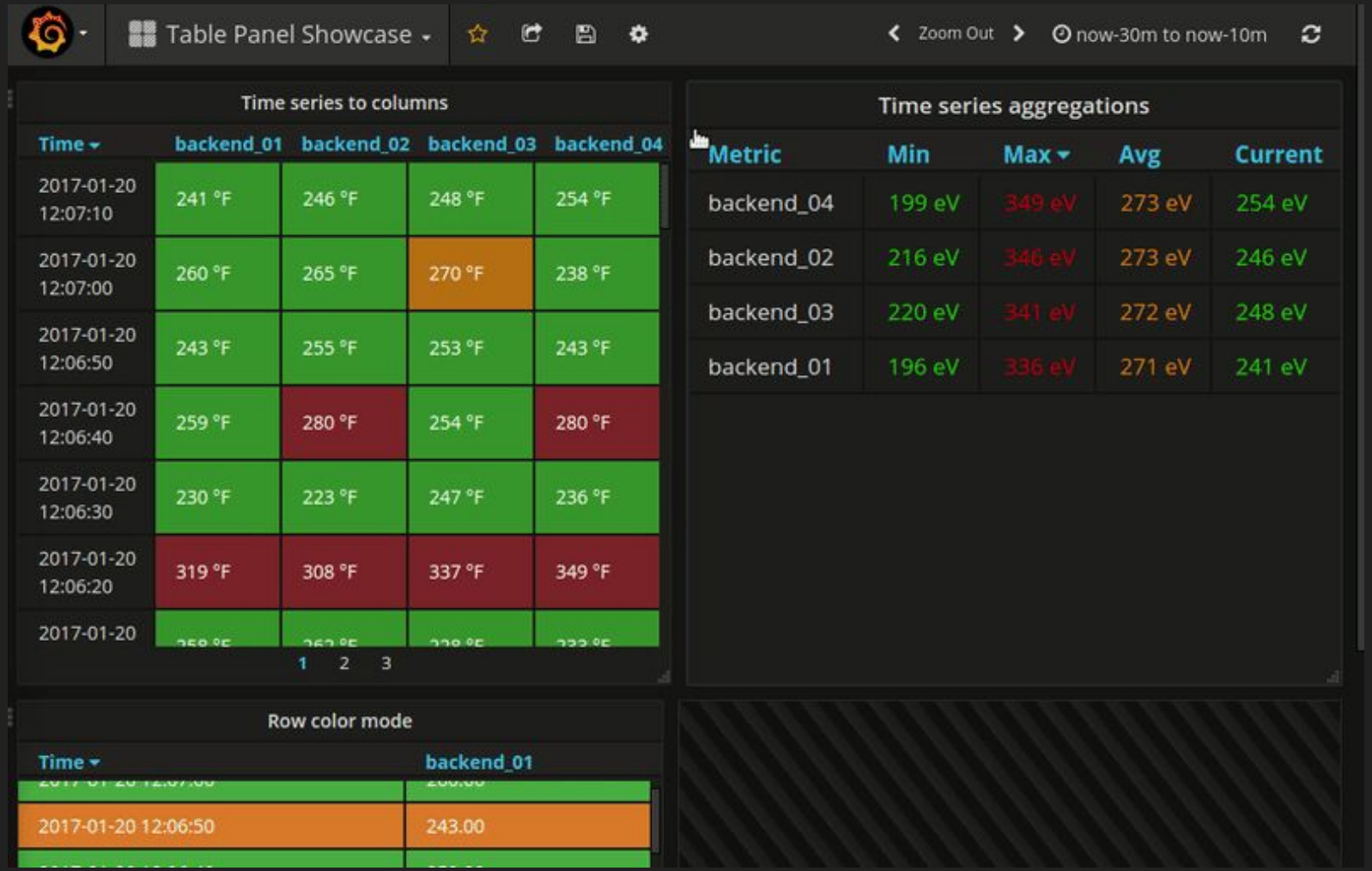
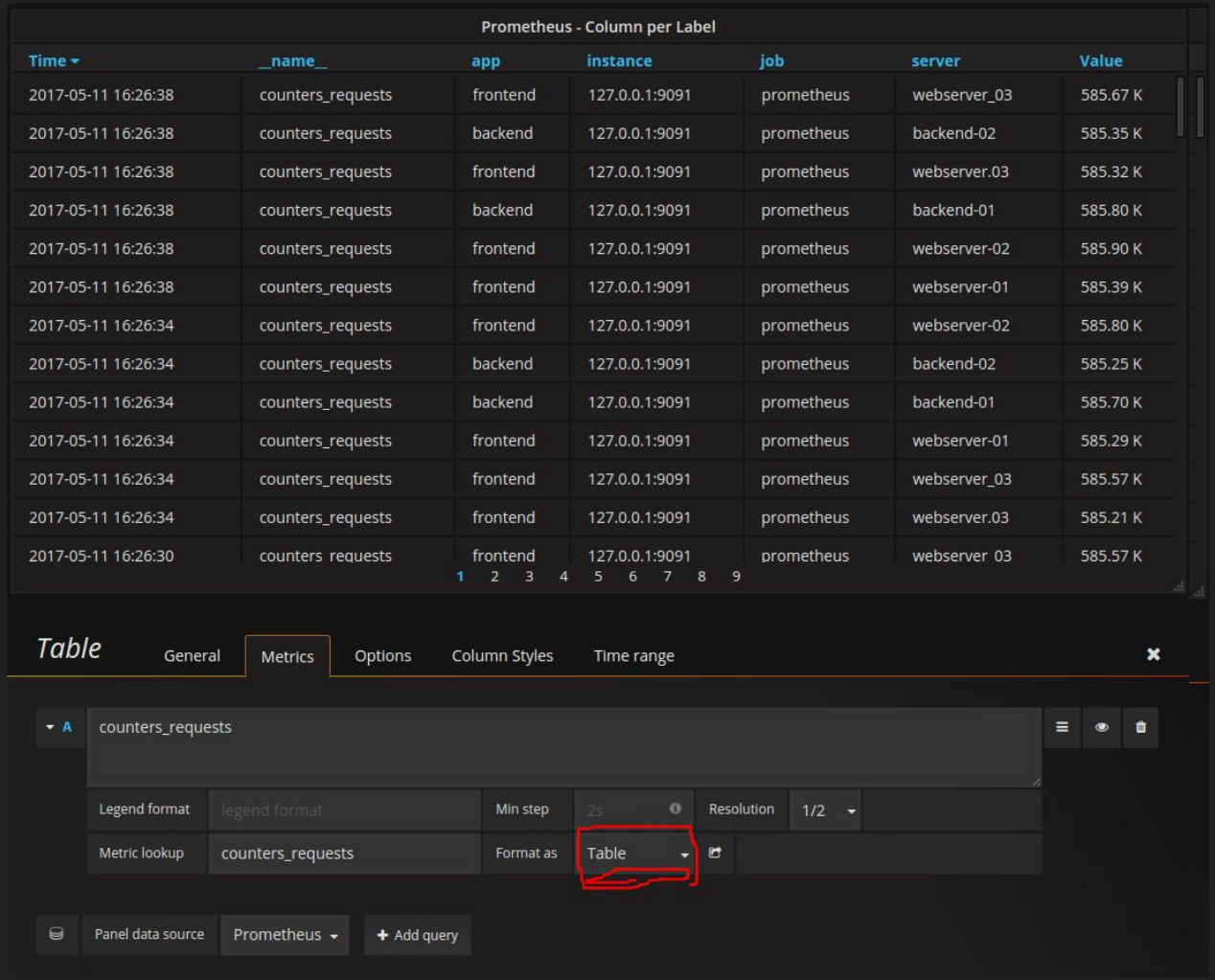
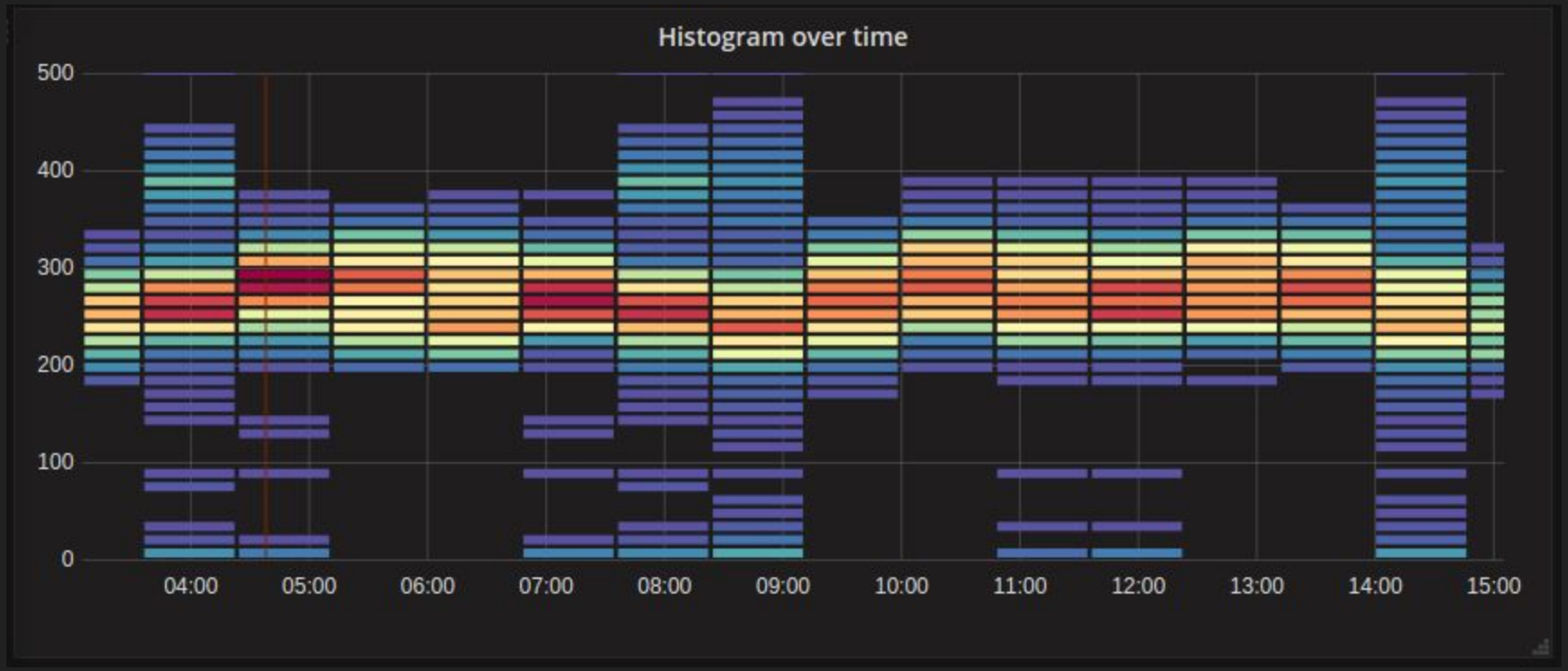
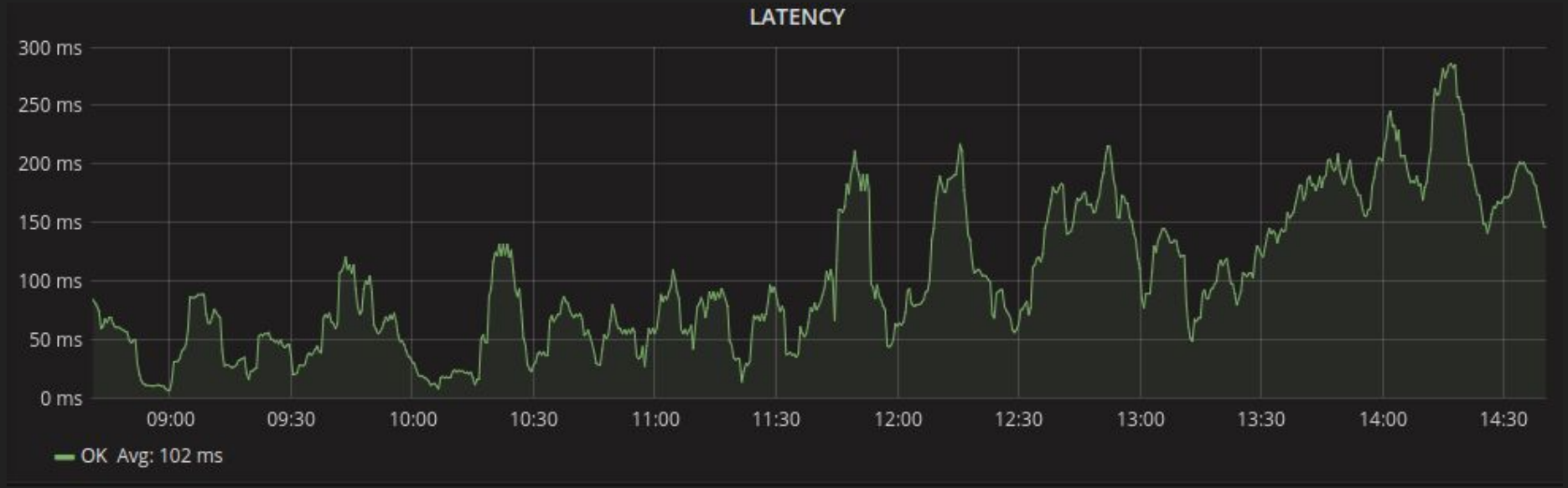
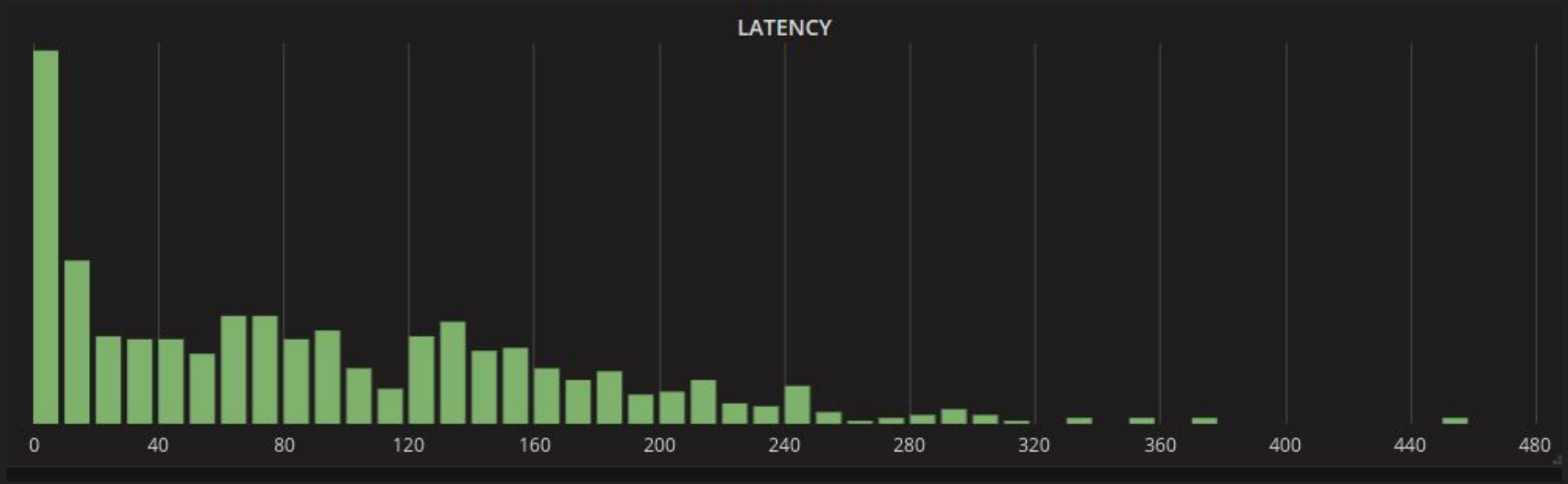


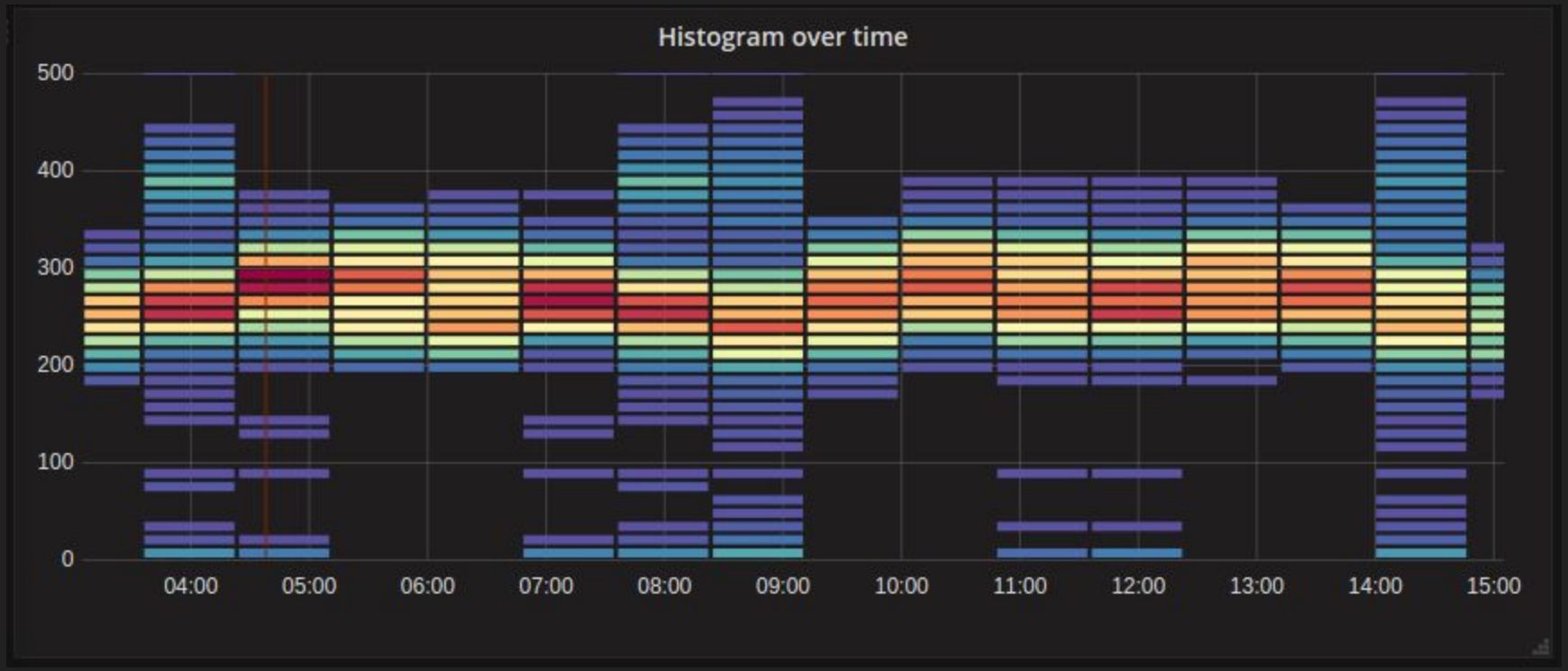
Table Panel Showcase
Zoom Out
now-30m to now-10m
Time series to columns
Time
backend_01
backend_02
backend_03
backend_04
2017-01-20 12:07:10
241 °F
246 °F
248 °F
254 °F
2017-01-20 12:07:00
260 °F
265 °F
270 °F
238 °F
2017-01-20 12:06:50
243 °F
255 °F
253 °F
243 °F
2017-01-20 12:06:40
259 °F
280 °F
254 °F
280 °F
2017-01-20 12:06:30
230 °F
223 °F
247 °F
236 °F
2017-01-20 12:06:20
319 °F
308 °F
337 °F
349 °F
2017-01-20
1 2 3
Time series aggregations
Metric
Min
Max
Avg
Current
backend_04
199 eV
349 eV
273 eV
254 eV
backend_02
216 eV
346 eV
273 eV
246 eV
backend_03
220 eV
341 eV
272 eV
248 eV
backend_01
196 eV
336 eV
271 eV
241 eV
Row color mode
Time
backend_01
2017-01-20 12:06:50
243.00


Prometheus - Column per Label
Time
__name__
app
instance
job
server
Value
2017-05-11 16:26:38 counters_requests frontend 127.0.0.1:9091 prometheus webserver_03 585.67 K
2017-05-11 16:26:38 counters_requests backend 127.0.0.1:9091 prometheus backend-02 585.35 K
2017-05-11 16:26:38 counters_requests frontend 127.0.0.1:9091 prometheus webserver.03 585.32 K
2017-05-11 16:26:38 counters_requests backend 127.0.0.1:9091 prometheus backend-01 585.80 K
2017-05-11 16:26:38 counters_requests frontend 127.0.0.1:9091 prometheus webserver-02 585.90 K
2017-05-11 16:26:38 counters_requests frontend 127.0.0.1:9091 prometheus webserver-01 585.39 K
2017-05-11 16:26:34 counters_requests frontend 127.0.0.1:9091 prometheus webserver-02 585.80 K
2017-05-11 16:26:34 counters_requests backend 127.0.0.1:9091 prometheus backend-02 585.25 K
2017-05-11 16:26:34 counters_requests backend 127.0.0.1:9091 prometheus backend-01 585.70 K
2017-05-11 16:26:34 counters_requests frontend 127.0.0.1:9091 prometheus webserver-01 585.29 K
2017-05-11 16:26:34 counters_requests frontend 127.0.0.1:9091 prometheus webserver_03 585.57 K
2017-05-11 16:26:34 counters_requests frontend 127.0.0.1:9091 prometheus webserver.03 585.21 K
2017-05-11 16:26:30 counters_requests frontend 127.0.0.1:9091 prometheus webserver_03 585.57 K
1 2 3 4 5 6 7 8 9
Table
General
Metrics
Options
Column Styles
Time range
A
counters_requests
Legend format
legend format
Min step
2s
Resolution
1/2
Metric lookup
counters_requests
Format as
Table
Panel data source
Prometheus
Add query


Histogram over time
500
400
300
200
100
0
04:00
05:00
06:00
07:00
08:00
09:00
10:00
11:00
12:00
13:00
14:00
15:00

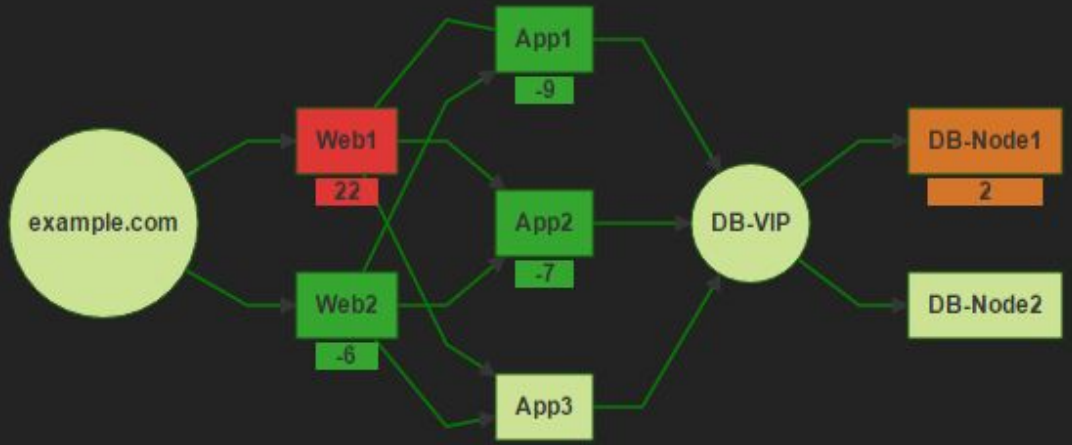

LATENCY
300 ms
250 ms
200 ms
150 ms
100 ms
50 ms
0 ms
09:00
09:30
10:00
10:30
11:00
11:30
12:00
12:30
13:00
13:30
14:00
14:30
OK Avg: 102 ms


LATENCY
0
40
80
120
160
200
240
280
320
360
400
440
480


Histogram over time
500
400
300
200
100
0
04:00
05:00
06:00
07:00
08:00
09:00
10:00
11:00
12:00
13:00
14:00
15:00

Heatmap and prom?

Panel Title



	min	max	avg	current
Web1	0	1.600074	0.7785992142857143	0.20001
Web2	-1.2178144112344855	0.20723274755215693	-0.4174775182199813	-1.2178144112344855
App1	-1.344773069616155	0.05003793105066712	-0.6060487693295354	-0.41378461546401235
App2	-0.7702107617489394	0	-0.4566225563956417	-0.7702107617489394
DB-Node1	-0.5331475289335328	0.6943941892354706	0.14987866015883694	-0.5331475289335328

Templating showcase

Zoom Out | Last 6 hours

server | All

Table

Metric	Avg	Total
backend_04	270.98	146.06 K
backend_03	272.67	146.70 K
backend_02	269.20	144.83 K
backend_01	257.22	138.13 K

Single stat

1065

```
up{node="$template"}

up{node="[[template]]"}
```

raw query

```
up{node=~"$template"}
```

templated query

```
up{node=~"node1|node2"}
```

label_values(job)

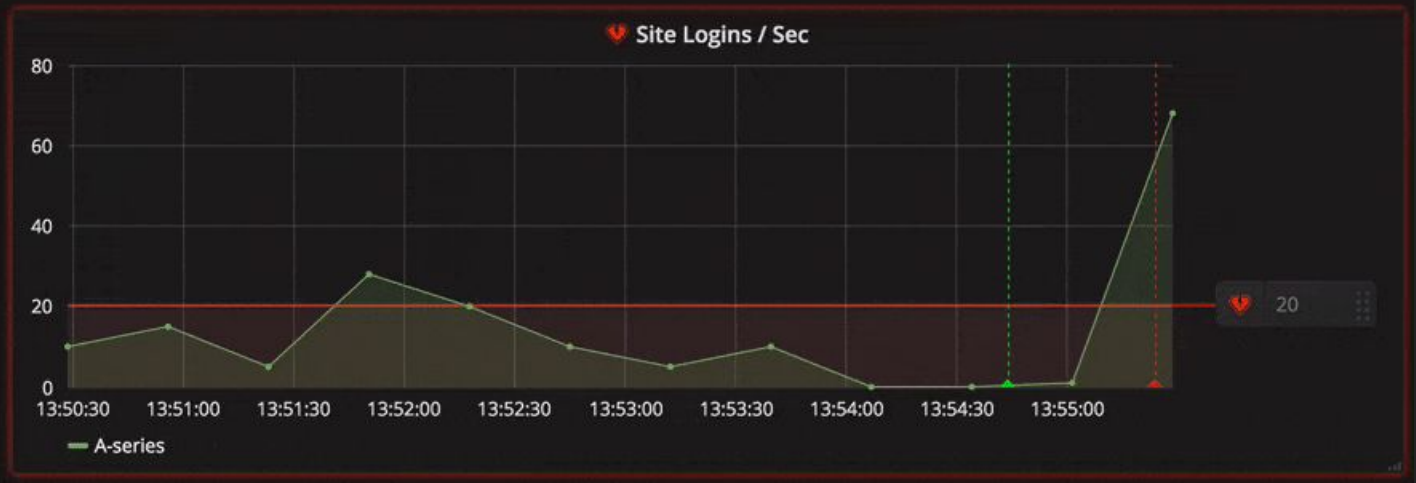
Returns a list of all possible label values for job.

label_values(up, job)

Returns a list of label values for job in serie up

metrics(node_disk_*)

Returns a list of series matching the param



Graph

General | Metrics | Axes | Legend | Display | Alert | Time range

- Alert Config
- Notifications (1)
- State history
- Delete

Alert Config

Name: Site Logins Too Low

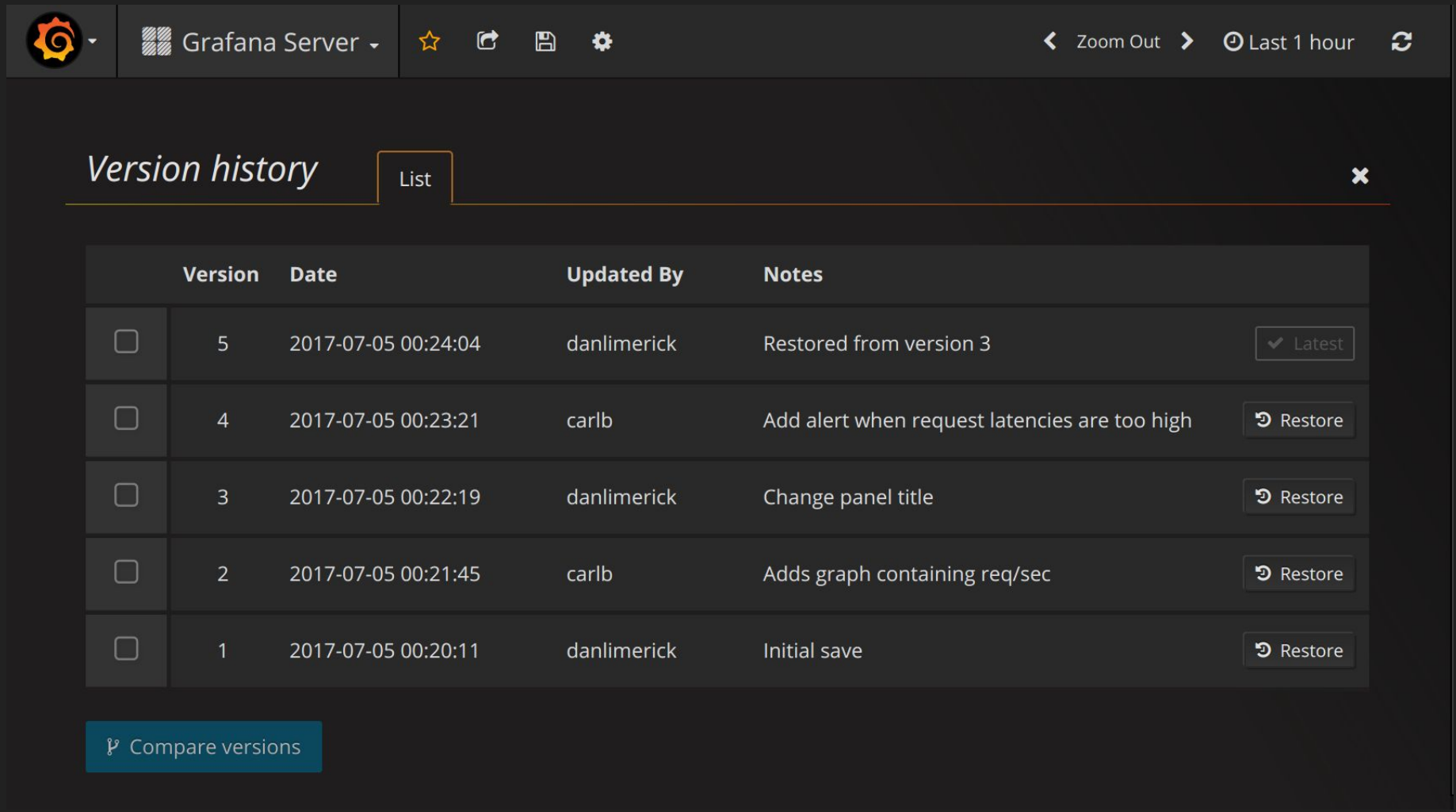
Evaluate every: 10s

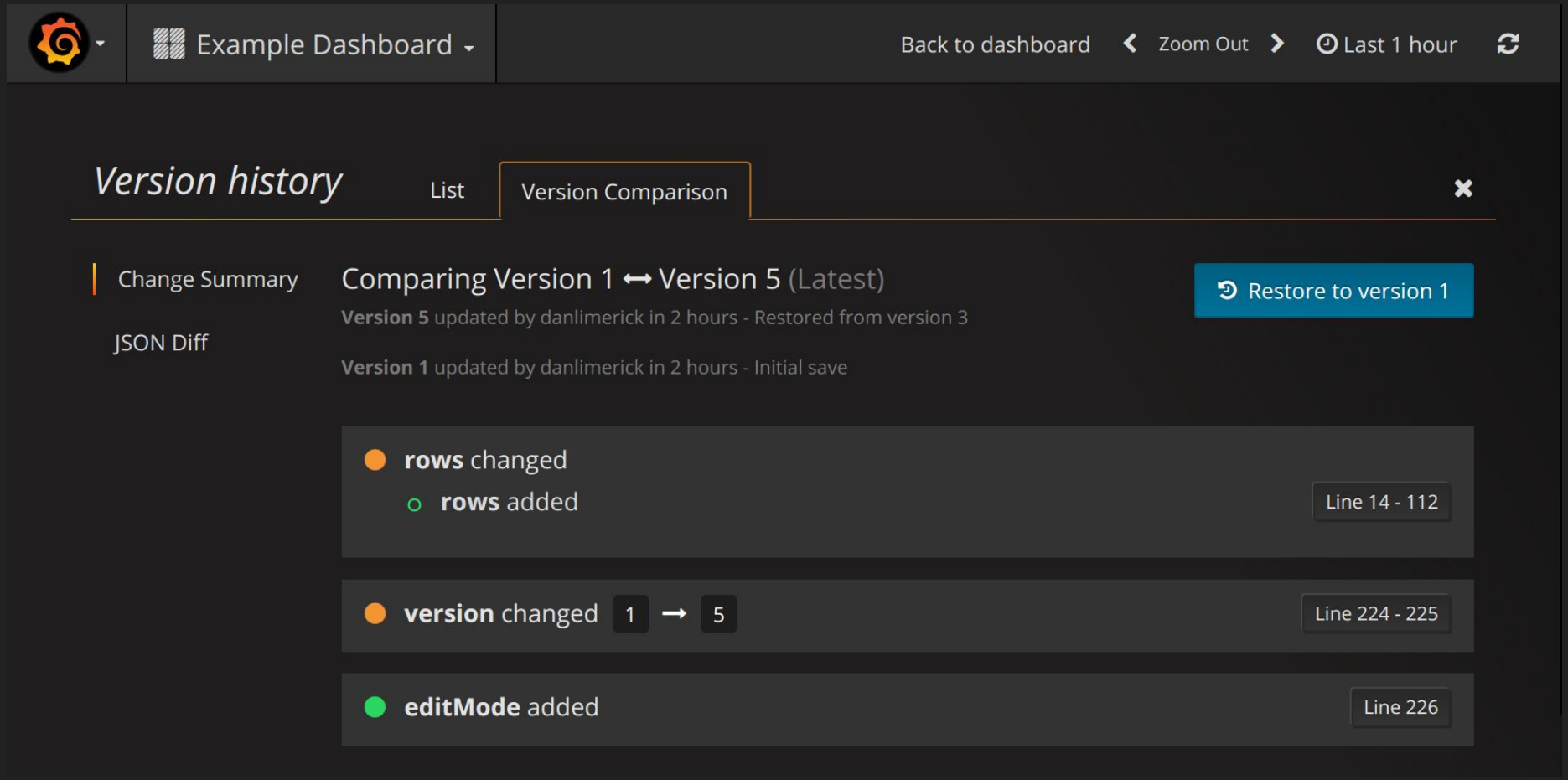
Conditions

WHEN avg () OF query (A, 5m, now) IS BELOW 20

+

If no data points or all values are null SET STATE TO No Data


Grafana Server
Zoom Out
Last 1 hour
Version history
List
Version
Date
Updated By
Notes
5
2017-07-05 00:24:04
danlimerick
Restored from version 3
Latest
4
2017-07-05 00:23:21
carlb
Add alert when request latencies are too high
Restore
3
2017-07-05 00:22:19
danlimerick
Change panel title
Restore
2
2017-07-05 00:21:45
carlb
Adds graph containing req/sec
Restore
1
2017-07-05 00:20:11
danlimerick
Initial save
Restore
Compare versions


Example Dashboard
Back to dashboard
Zoom Out
Last 1 hour
Version history
List
Version Comparison
Change Summary
JSON Diff
Comparing Version 1 ⟷ Version 5 (Latest)
Version 5 updated by danlimerick in 2 hours - Restored from version 3
Version 1 updated by danlimerick in 2 hours - Initial save
Restore to version 1
rows changed
rows added
Line 14 - 112
version changed 1 → 5
Line 224 - 225
editMode added
Line 226

Dashboards

Official & community built dashboards

Filter by:

Data Source
Prometheus

Panel Type
All

Category
All

Collector
All

Search within this list

Share your dashboards
Sign up for a free Grafana.com account and share your creations with the community.

Sign Up

App Metrics - Web Monitoring - Prometheus by Allan Hardy
Dashboard to visualize metrics captured by App Metrics ASP.NET Core Middleware 1.2.0, tested with...
PROMETHEUS OTHER
Downloads: 113

Bind DNS by Cristian Calin
Bind DNS Service Statistics.
PROMETHEUS OTHER
Downloads: 186

Borg backups by jperville
Simple dashboard for https://github.com/teemow/prometheus-borg-exporter
PROMETHEUS OTHER
Downloads: 26

Cassandra detail by kaija
Display cassandra node detail in OS, Cassandra and JVM blocks
PROMETHEUS
Downloads: 1084

Ceph - Cluster by Cristian Calin
Ceph Cluster overview.
PROMETHEUS OTHER
Downloads: 703

Ceph - Cluster by sheesh
Ceph Cluster overview.
Downloads: 77

Hosted Grafana

THE CORNERSTONE OF GRAFANACLOUD

Hosted Grafana lets you move faster, and get the most out of the software you know and love. Because you should focus on your apps, not your ops.

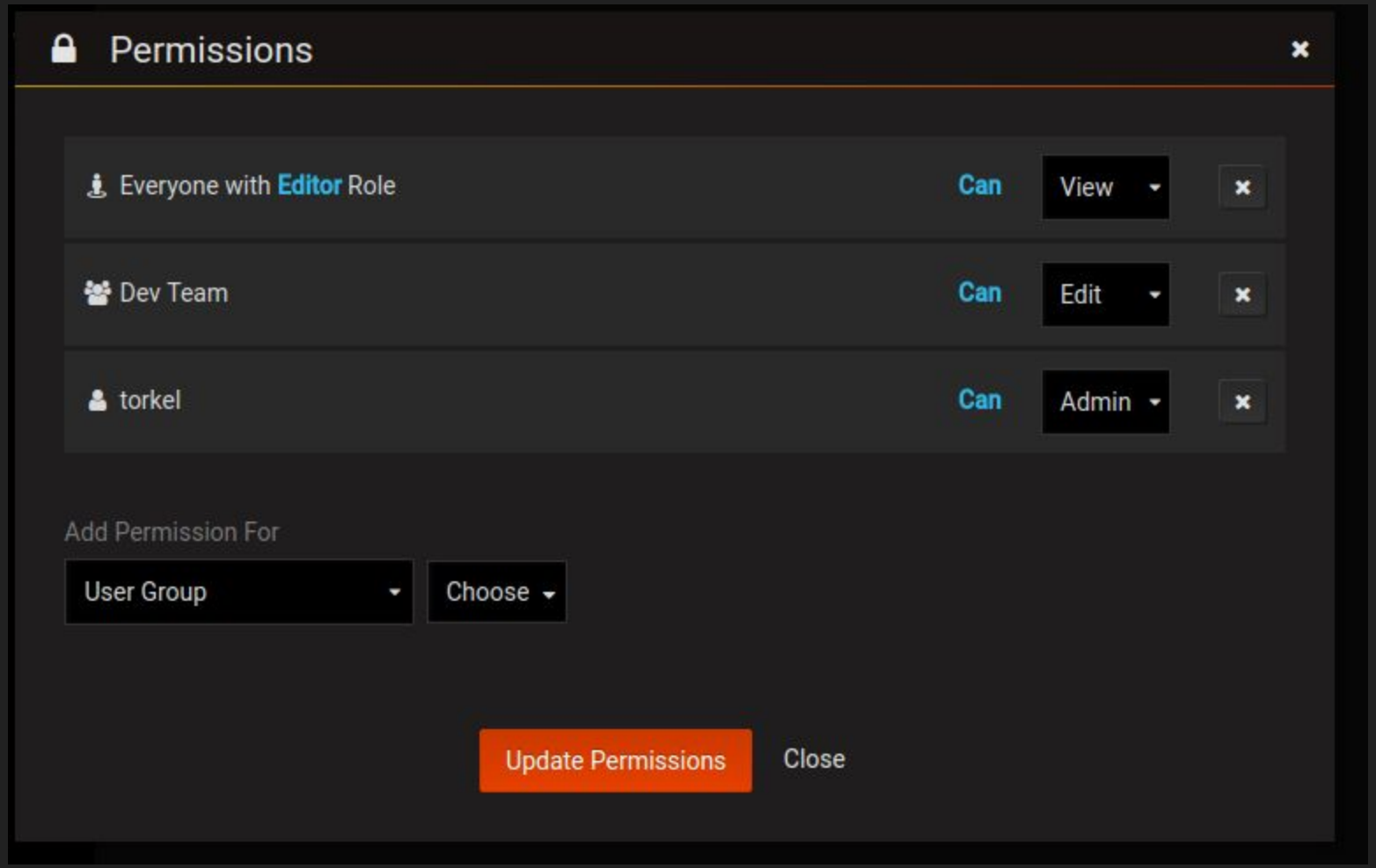
We wrote Grafana, and we can host it for you, too.

Highly Available, Dedicated to You

Proactive Monitoring

Support when you need it

Find dashboards by name
starred | tags
Dev Team Folder
1.0 - Alerting
webinar
1.1 - MySQL Data source
webinar-next
New dashboard in folder
Ops Team Folder
Lazy Loading
Logarithmic scales
1.0 - Alerting Copy
webinar
1.0 - Heatmap
webinar-next
1.0 - Heatmap Bug
webinar-next
1.0 - Shared tooltip
webinar41
1.0 - Shared tooltip Copy moved
webinar41
1.0 - Shared tooltip moved
webinar41


Permissions
Everyone with Editor Role
Can
View
Dev Team
Can
Edit
torkel
Can
Admin
Add Permission For
User Group
Choose
Update Permissions
Close

2016

36000

2800

2017

92000

16000

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