

Project Update

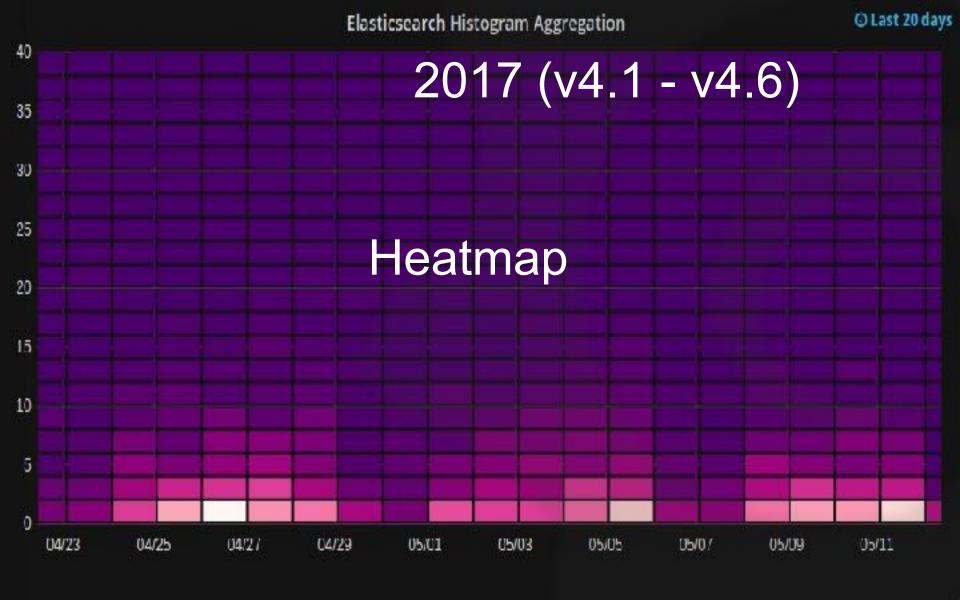
What's New In v5

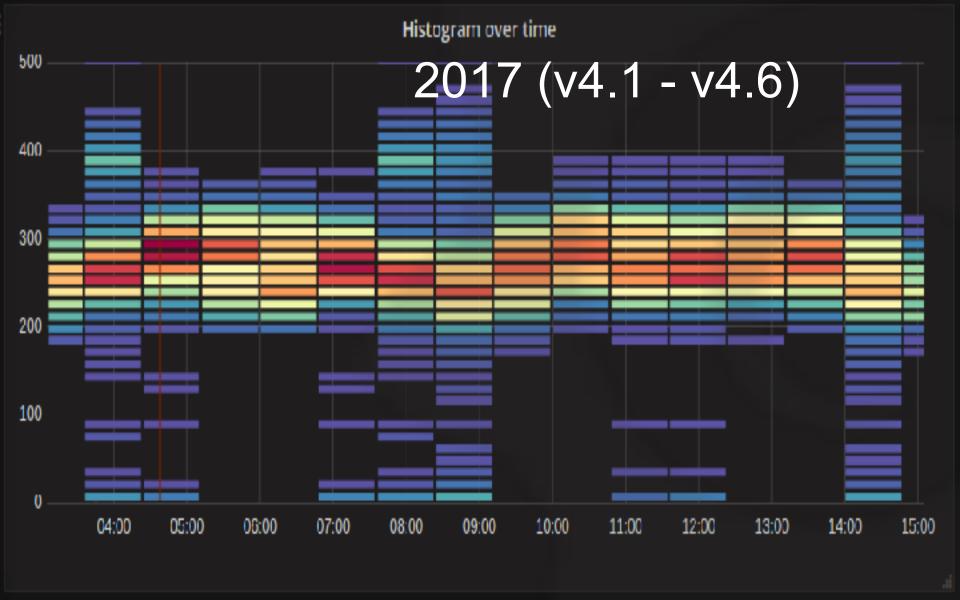
#### ~1 year ago

#### 

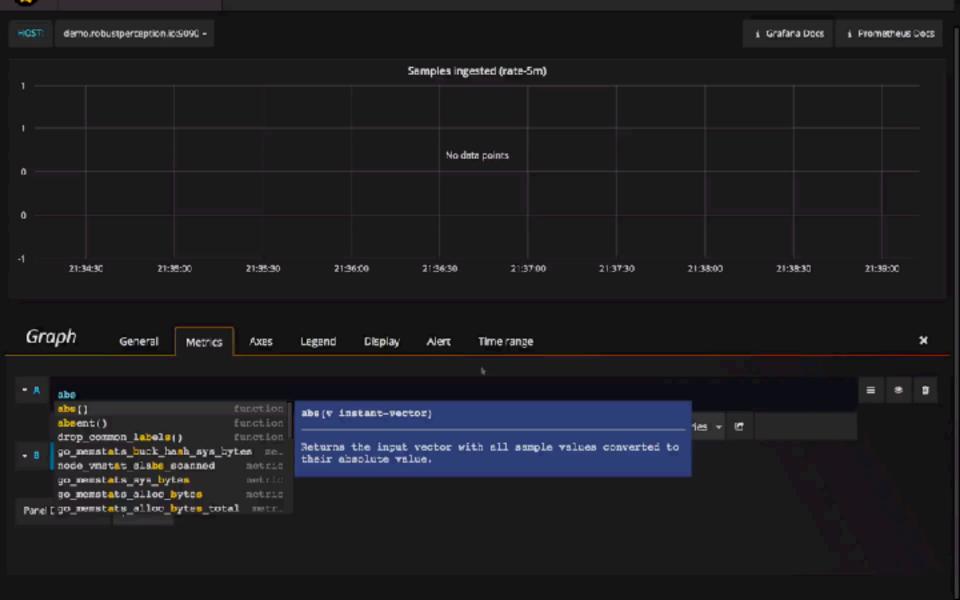
#### v4.1 - v4.6

### Alerting









#### Annotations



### Dashboard version history

#### Versions > Comparing 15 ↔ 16 (Latest)

Version 16 updated by admin 13 days ago - asd

Version 15 updated by admin a month ago - asd



- changed web\_server\_03 #0s437c → #0s50s1
- changed web\_server\_04 #052b51 → #0a437c

Version changed 15 → 16

Restore to version 15

Line 105 - 106

Line 107 - 108

Line 697 - 698

View JSON Diff

#### @Walmart Labs

#### Data sources







Open-Falcon

Heroic OpenHistorian

Google Calendar DeviceHive

**NetXMS** 

PNP4Nagios

Druid

SideWinder

ClickHouse

OSIsoft-PI

**DalmatinerDB** 

Hawkular

PRTG

IBM APM

Monasca

Oracle
AppDynamics
New Relic
Splunk
DataDog

#### 

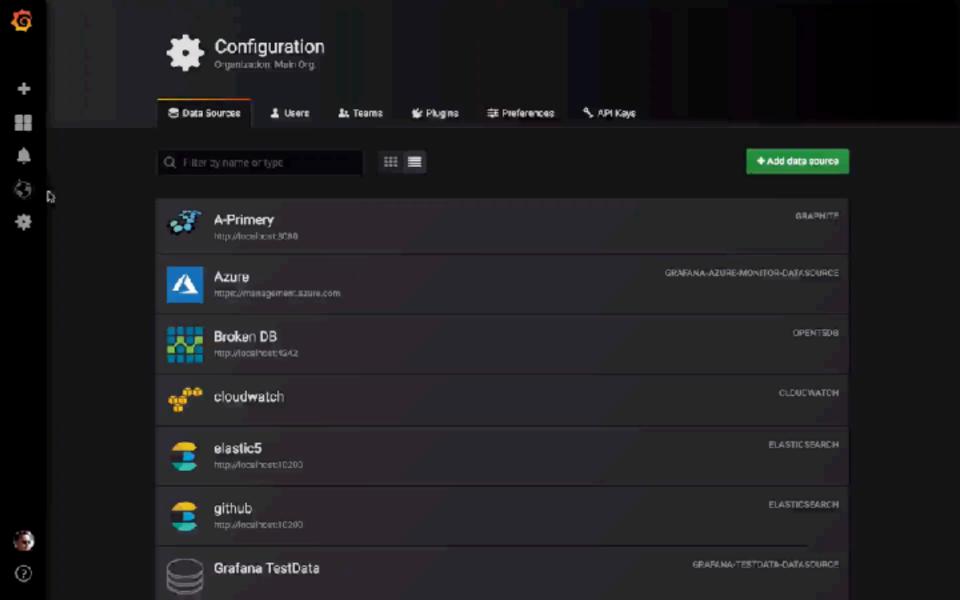
#### **v**5

#### Goals

#### Improve the core

#### UX

# New sidenav & page design



#### Updated light theme







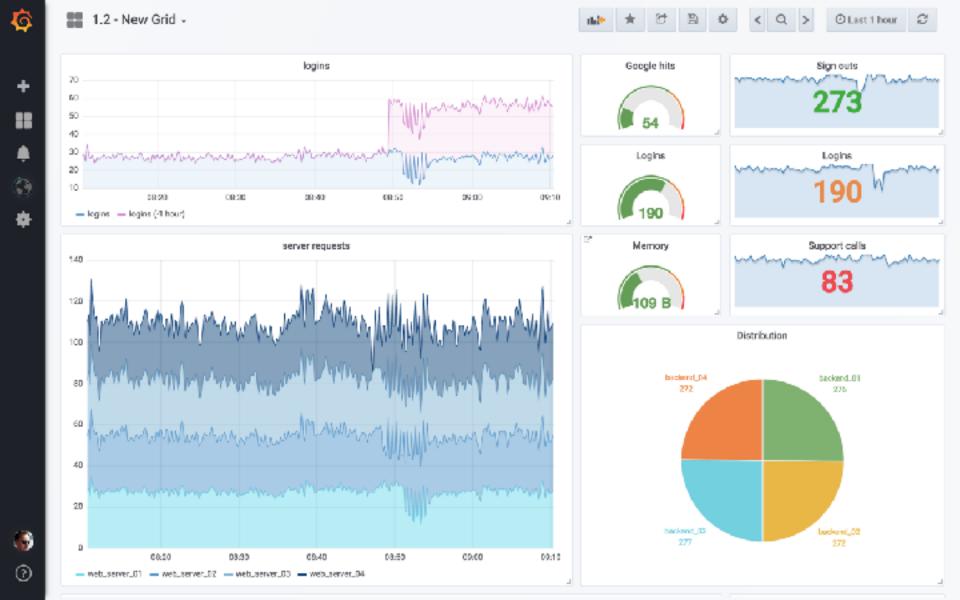


A. Notification channels









#### Dashboard Settings



#### Improve the core

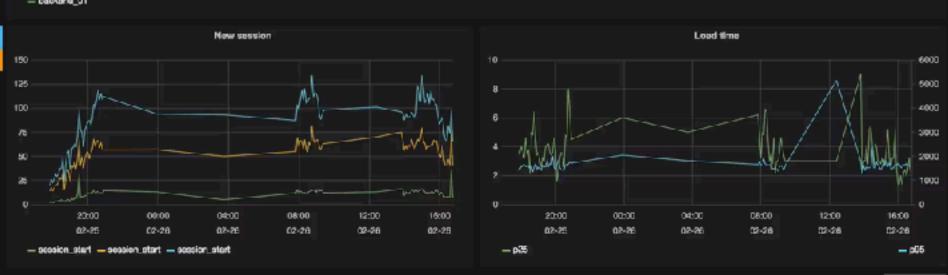
### Building Dashboards





## Backward compatible









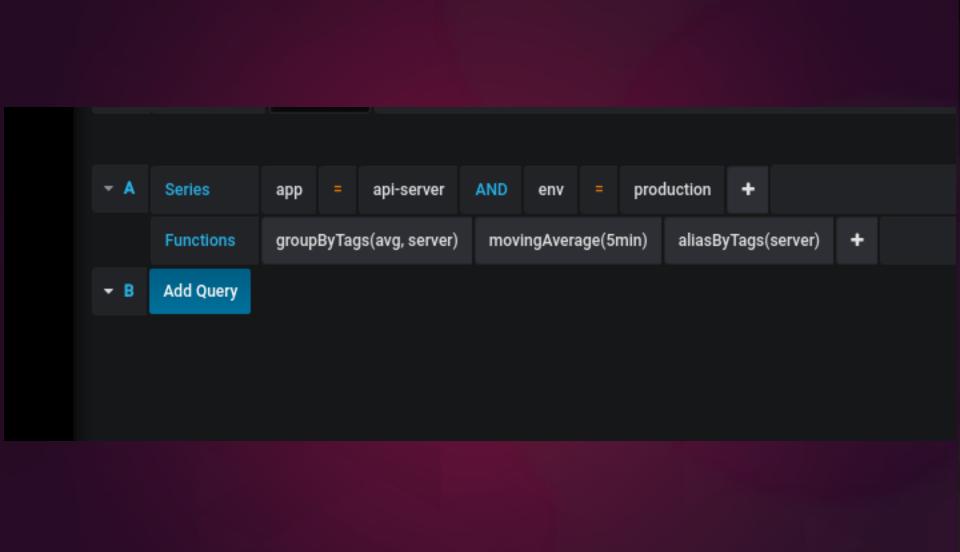


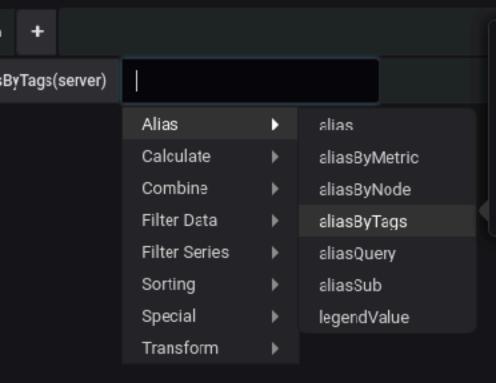




## Graphite

## Tags Custom functions Function documentation





#### aliasByTags

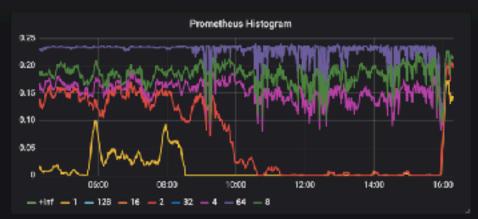
Takes a seriesList and applies an alias derived from one or more tags and/or nodes

&target=seriesByTag("name=cpu")|a
liasByTags("server","name")

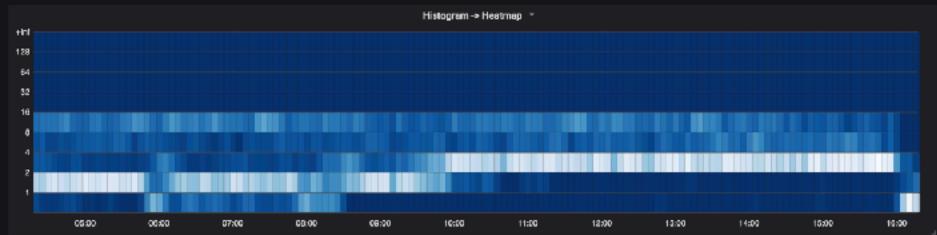
This is an alias for aliasByNcde .

## Prometheus heatmap

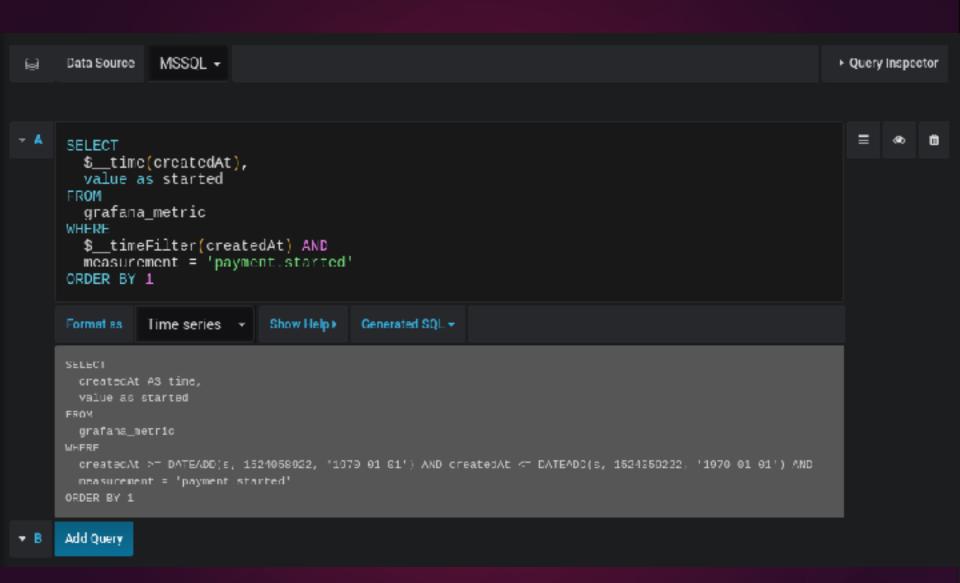








## Microsoft SQL Server



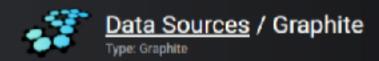
## Provisioning

### Datasources

As configuration

```
apiVersion: 1

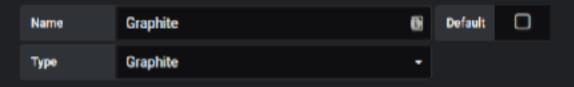
datasources:
- name: Graphite
  type: graphite
  access: proxy
  url: http://localhost:8080
  jsonData:
     graphiteVersion: "1.1"
```





**B** Dashboards

Disclaimer. This datasource was added by config and cannot be modified using the Ui. Please contact your server admin to update this datasource.



#### HTTP

#### Auth

### Dashboards

As configuration

```
apiVersion: 1

providers:
- name: default
  folder: 'Great dashboards'
  type: file
  options:
    path: /var/lib/grafana/dashboards
```

#### Dashboards

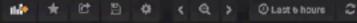
Model

```
"title": "Grafana",
"uid": "igtbvoldfnjhtgybn",
"panels": [
    "type": "graph",
    "title": "QPS",
    "gridPos": {
      "x": 0,
      "y": 0,
      "w": 12,
      "h": 9
```

## Managing large installations

# Folders Teams Permissions





#### GrafanaCon 2018





















FOLDER & DASHBOARD PERMISSIONS





DATASOURCE & DASHBOARD PROVISIONING

## Thanks

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