

```
localhost:9090/actuator/health x localhost:9090/actuator/ x +
localhost:9090/actuator/health
{
  "status": "DOWN",
  "components": {
    "db": {
      "status": "DOWN",
      "details": {
        "error": "org.springframework.jdbcCannotGetJdbcConnectionException: Failed to obtain JDBC Connection; nested exception is java.sql.SQLTransientConnectionException: java.net.ConnectException: Connection refused (Connection refused)"
      }
    },
    "diskSpace": {
      "status": "UP",
      "details": {
        "total": 179575787520,
        "free": 108717436928,
        "threshold": 10485760,
        "exists": true
      }
    },
    "jms": { ... }, // 2 items
    "ping": {
      "status": "UP"
    }
  }
}
```

```
localhost:9090/actuator/prometheus x +
localhost:9090/actuator/prometheus
# HELP executor_pool_core_threads The core number of threads for the pool
# TYPE executor_pool_core_threads gauge
executor_pool_core_threads{name="applicationTaskExecutor",} 8.0
# HELP tomcat_sessions_expired_sessions_total
# TYPE tomcat_sessions_expired_sessions_total counter
tomcat_sessions_expired_sessions_total 0.0
# HELP jvm_gc_pause_seconds Time spent in GC pause
# TYPE jvm_gc_pause_seconds summary
jvm_gc_pause_seconds_count{action="end of minor GC",cause="Metadata GC Threshold",} 1.0
jvm_gc_pause_seconds_sum{action="end of minor GC",cause="Metadata GC Threshold",} 0.039
jvm_gc_pause_seconds_count{action="end of minor GC",cause="G1 Evacuation Pause",} 1.0
jvm_gc_pause_seconds_sum{action="end of minor GC",cause="G1 Evacuation Pause",} 0.041
# HELP jvm_gc_pause_seconds_max Time spent in GC pause
# TYPE jvm_gc_pause_seconds_max gauge
jvm_gc_pause_seconds_max{action="end of minor GC",cause="Metadata GC Threshold",} 0.0
jvm_gc_pause_seconds_max{action="end of minor GC",cause="G1 Evacuation Pause",} 0.0
# HELP jvm_memory_max_bytes The maximum amount of memory in bytes that can be used for memory management
# TYPE jvm_memory_max_bytes gauge
jvm_memory_max_bytes{area="nonheap",id="CodeHeap 'profiled nmmethods'",} 1.22912768E8
jvm_memory_max_bytes{area="heap",id="G1 Survivor Space",} -1.0
jvm_memory_max_bytes{area="heap",id="G1 Old Gen",} 4.294967296E9
jvm_memory_max_bytes{area="nonheap",id="Metaspace",} -1.0
jvm_memory_max_bytes{area="nonheap",id="CodeHeap 'non-nmethods'",} 5832704.0
jvm_memory_max_bytes{area="heap",id="G1 Eden Space",} -1.0
jvm_memory_max_bytes{area="nonheap",id="Compressed Class Space",} 1.073741824E9
jvm_memory_max_bytes{area="nonheap",id="CodeHeap 'non-profiled nmmethods'",} 1.22912768E8
# HELP jvm_gc_memory_promoted_bytes_total Count of positive increases in the size of the old generation memory pool before GC to after GC
# TYPE jvm_gc_memory_promoted_bytes_total counter
jvm_gc_memory_promoted_bytes_total 8966816.0
# HELP tomcat_sessions_created_sessions_total
# TYPE tomcat_sessions_created_sessions_total counter
tomcat_sessions_created_sessions_total 0.0
# HELP logback_events_total Number of error level events that made it to the logs
# TYPE logback_events_total counter
logback_events_total{level="warn",} 6.0
logback_events_total{level="debug",} 0.0
logback_events_total{level="error",} 2.0
logback_events_total{level="trace",} 0.0
logback_events_total{level="info",} 14.0
# HELP process_files_open_files The open file descriptor count
```

← →

Search

Welcome

! prometheus.yml ×

Volumes > archivos > instaladores > prometheus > ! prometheus.yml

18

19 # A scrape configuration containing exactly one endpoint to scrape:

20 # Here it's Prometheus itself.

21 **scrape\_configs:**

22 # The job name is added as a label `job=<job\_name>` to any timeseries scraped from this config.

23 # - job\_name: "prometheus"

24 - **job\_name: "spring-actuator"**

25

26 # metrics\_path defaults to '/metrics'

27 # scheme defaults to 'http'.

28 **metrics\_path: "/Volumes/archivos/instaladores/prometheus"**

29 **scrape\_interval: 5s**

30 **static\_configs:**

31 - **targets: ["localhost:9090"]**

32

← → ↺

localhost:9092/graph?g0.expr=&g0.tab=1&g0.stacked=0&g0.sh...

🔍 📄 ⭐ ⌂ ⌚ ⚙️ ☰ ⬇️ 🖨️ ⌵

Prometheus Alerts Graph Status ▾ Help

⚙️ 🌙 🕒

☐ Use local time ☐ Enable query history ☒ Enable autocomplete ☒ Enable highlighting ☒ Enable linter

🔍 Expression (press Shift+Enter for newlines)

☰ 🔄

Execute

Table Graph

< Evaluation time >

No data queried yet

Remove Panel

Add Panel

Browser tabs: Prometheus Time Series Collector x +

Address bar: localhost:9092/graph?g0.expr=system\_cpu-usage&g0.tab=0&g0.sta...

Prometheus Alerts Graph Status Help

☐ Use local time ☐ Enable query history ☒ Enable autocomplete ☒ Enable highlighting ☒ Enable linter

Search: system\_cpu-usage Execute

Load time: 49ms Resolution: 172s Result series: 0

Table Graph

12h 2023-08-14 02:57:29 Res. (s) Show Exemplars

Empty query result

Remove Panel

Add Panel

Browser tabs: Prometheus Time Series Collector x Grafana x +

Address bar: localhost:3000/login

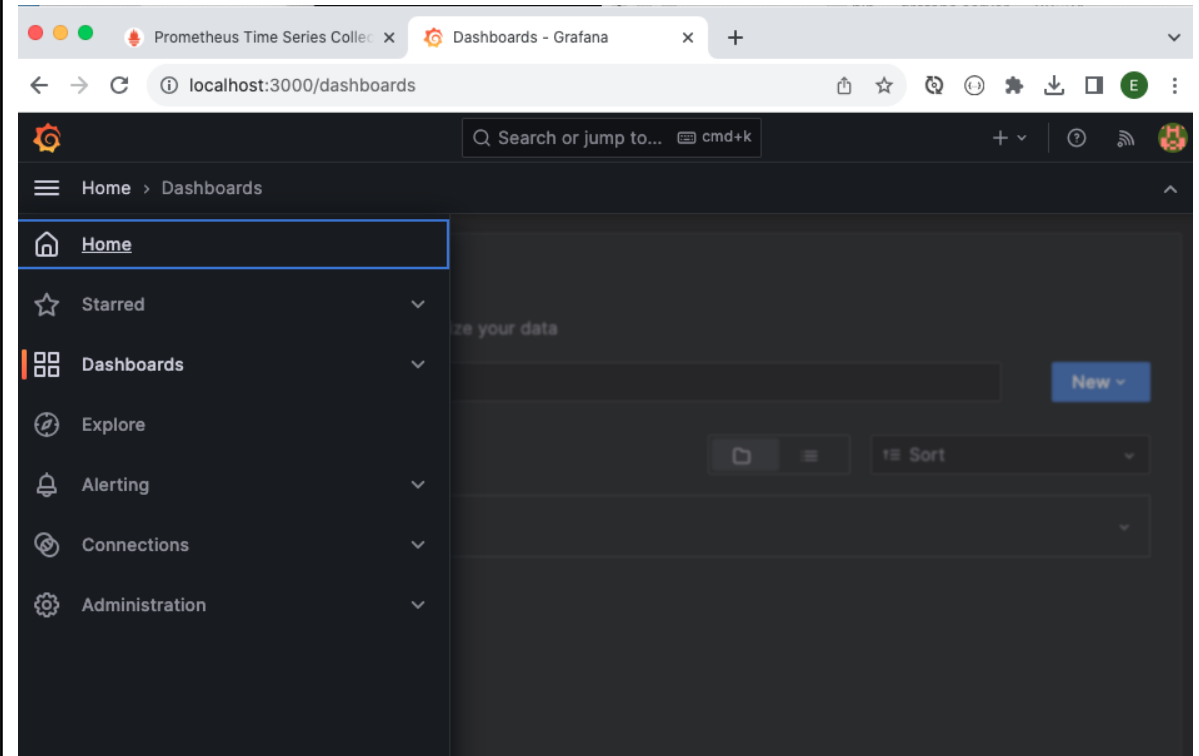
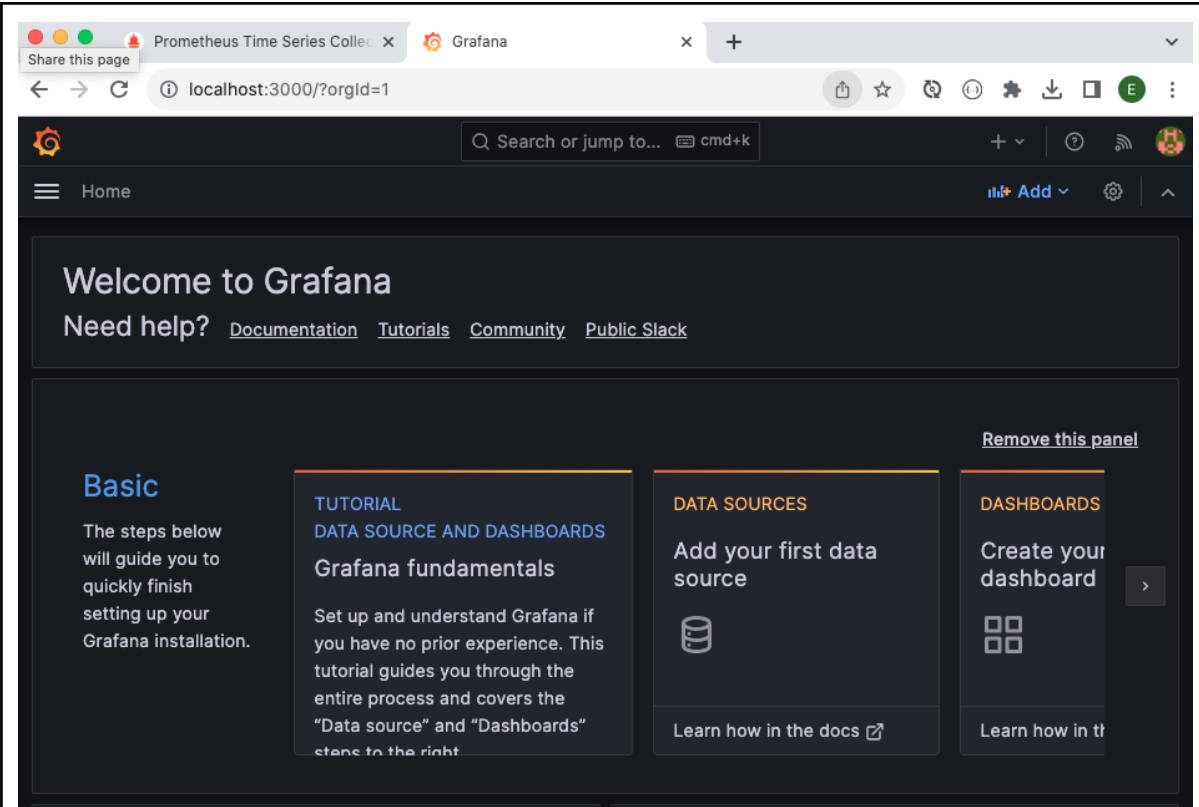
Welcome to Grafana

Email or username: admin

Password: admin

Log in

Forgot your password?



Browser tabs: Prometheus Time Series Collector, Prometheus - Data sources - /

URL: localhost:3000/datasources/edit/e7e59ac5-c930-4137-aab4-0bd9c4149...

Search: Search or jump to... cmd+k

Navigation: Home > Administration > Data sources > Prometheus

# Prometheus

Type: Prometheus

[Build a dashboard](#) [Explore](#)

**Settings** [Dashboards](#)

Alerting supported

Name: Prometheus Default ☒

## HTTP

Prometheus server URL	<input type="text" value="http://localhost:9092"/>
Allowed cookies	<input type="text" value="New tag (enter key to add)"/> <a href="#">Add</a>
Timeout	<input type="text" value="Timeout in seconds"/>

Browser tabs: Prometheus Time Series Collector, Prometheus - Data sources - /

URL: localhost:3000/datasources/edit/e7e59ac5-c930-4137-aab4-0bd9c4149...

Search: Search or jump to... cmd+k

Navigation: Home > Administration > Data sources > Prometheus

## Other

Custom query parameters:

HTTP method:

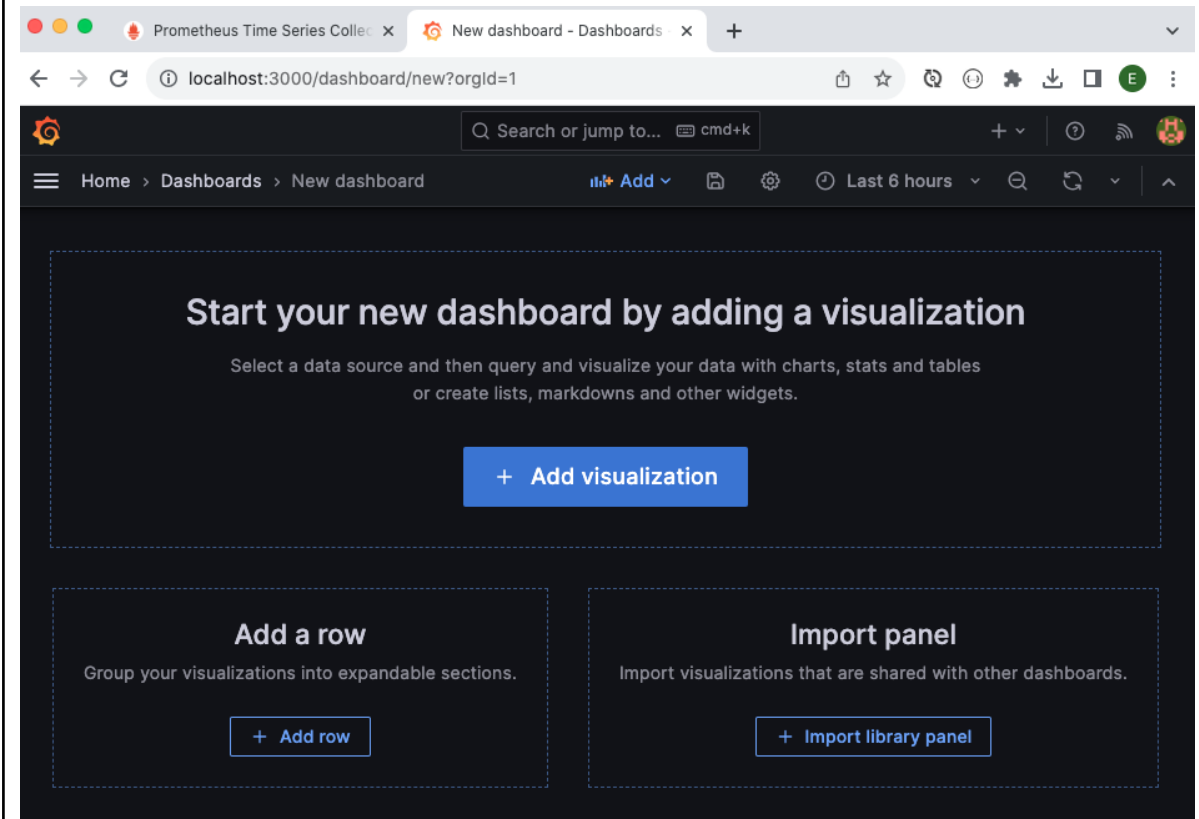
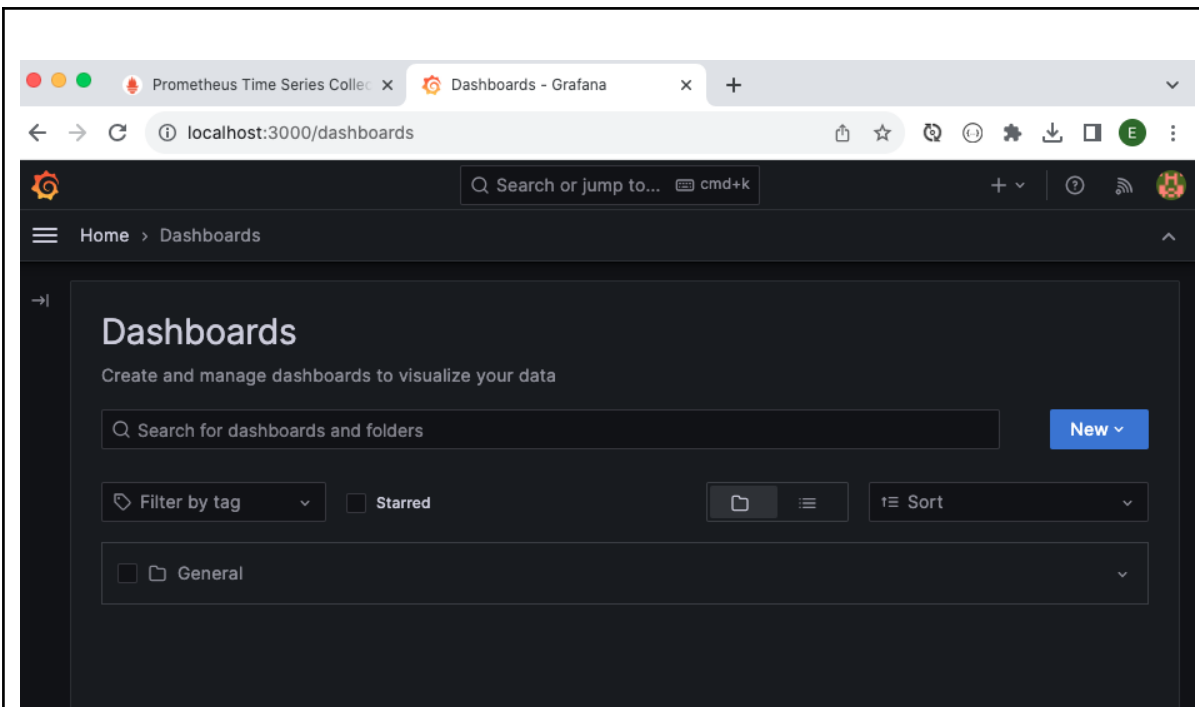
## Exemplars

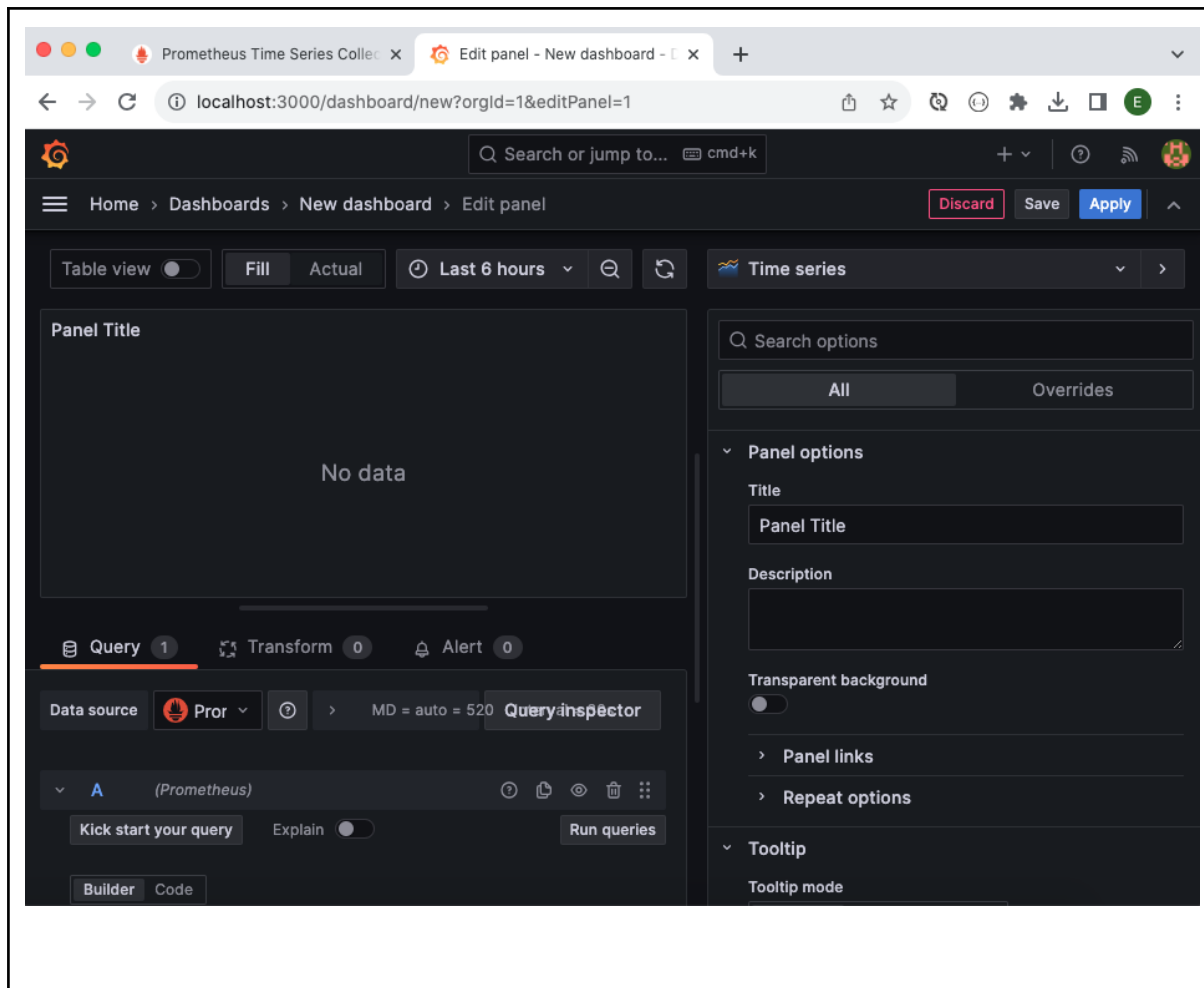
[+ Add](#)

✓ Successfully queried the Prometheus API.

Next, you can start to visualize data by [building a dashboard](#), or by querying data in the [Explore view](#).

[Delete](#) [Save & test](#)







Browser tabs: Prometheus Time Series Collec x Edit panel - New dashboard - l x localhost:9090/actuator/beans x

URL: localhost:3000/dashboard/new?orgId=1&editPanel=1&tab=query

Search or jump to... cmd+k

Home > Dashboards > New dashboard > Edit panel

Buttons: Discard Save Apply

Table view ☐ Fill Actual Last 6 hours

Time series

Panel Title

0.04  
0.02  
0

11:00 12:00 13:00 14:00 15:00 16:00

— scrape\_duration\_seconds(instance="localhost:8080", job="spring-actuator")  
— scrape\_duration\_seconds(instance="localhost:9090", job="spring-actuator")  
— scrape\_duration\_seconds(instance="localhost:9091", job="spring-actuator")

Query 2 Transform 0 Alert 0

(Prometheus)

Kick start your query Explain Run queries

Builder Code

Search options

All Overrides

Panel options

Title  
Panel Title

Description

Transparent background

Panel links

Repeat options

Tooltip

Tooltip mode

Browser tabs: Prometheus Time Series Collec x New dashboard - Dashboards x localhost:9090/actuator/beans x

URL: localhost:3000/dashboard/new?orgId=1

Search or jump to... cmd+k

Home > Dashboards > New dashboard

Add

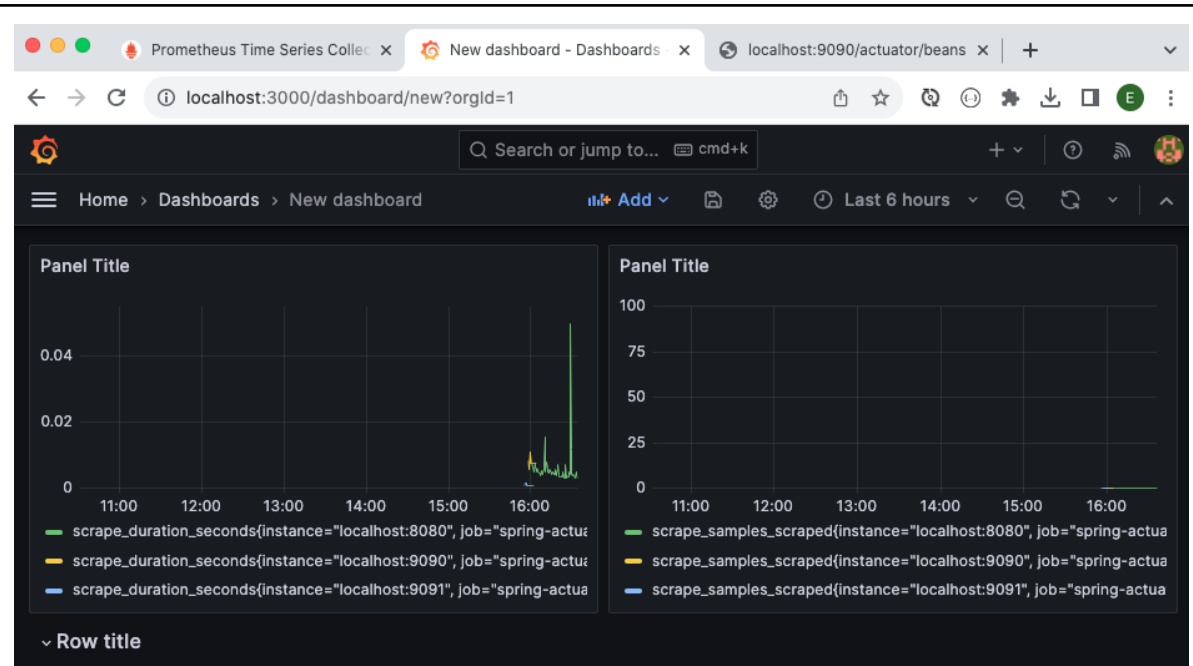
Last 6 hours

Panel Title

0.04  
0.02  
0

11:00 12:00 13:00 14:00 15:00 16:00

— scrape\_duration\_seconds(instance="localhost:8080", job="spring-actuator")  
— scrape\_duration\_seconds(instance="localhost:9090", job="spring-actuator")  
— scrape\_duration\_seconds(instance="localhost:9091", job="spring-actuator")



Browser tabs: Prometheus Time Series Collector, JSON Model - New dashboard, localhost:9090/actuator/beans

URL: localhost:3000/dashboard/new?orgId=1&editview=dashboard\_json

Search: Search or jump to... cmd+k

Home > Dashboards > New dashboard > JSON Model

Buttons: Close, Save as, Save dashboard

JSON Model

The JSON model below is the data structure that defines the dashboard. This includes dashboard settings, panel settings, layout, queries, and so on

```
1 {
2   "annotations": {
3     "list": [
4       {
5         "builtIn": 1,
6         "datasource": {
7           "type": "grafana",
8           "uid": "-- Grafana --"
9         },
10        "enable": true,
11        "hide": true,
12        "iconColor": "rgba(0, 211, 255, 1)",
13        "name": "Annotations & Alerts",
14        "type": "dashboard"
15      }
16    ]
17  },
18  "editable": true,
```

Save changes

Prometheus T...

DASHBOARD1

DASHBOARD1

localhost:9090

SpringBoot API

grafana.com/grafana/dashboards/12900-springboot-apm-dashboard/


Grafana Labs

← All dashboards

SpringBoot APM Dashboard

Dashboard for Spring Boot Metrics

OverviewRevisionsReviews



A dashboard for Java Springboot Applications deployed on a Kubernetes Cluster.

The dashboard supports ALL Nodes in the Node selector.

Prometheus T...

SpringBoot API

DASHBOARD1

localhost:9090

SpringBoot API

localhost:3000/d/X034JGT7Gz1/springboot-apm-dashboard1?orgId=...

Search or jump to...cmd+k

Home > Dashboards > SpringBoot APM Dashboard1

Last 6 hours

10s

ApplicationNone ▾

InstanceAll ▾

HikariCP-PoolNone ▾

Memory Pool (heap)All ▾

Memory Pool (nonheap)All ▾

Basic Statistics

Uptime

N/A

Start time

N/A

Heap Used

N/A

Non-Heap Used

N/A

Process Open Files

No data

CPU Usage

No data

Load Average

No data

Prometheus T...

Import dashbo...

DASHBOARD1

localhost:9090

SpringBoot API

+

localhost:3000/dashboard/import

Search or jump to... cmd+k

Home > Dashboards > Import dashboard

→|

# Import dashboard

Import dashboard from file or Grafana.com

## Options

Name

SpringBoot APM Dashboard

Folder

General

Unique identifier (UID)

The unique identifier (UID) of a dashboard can be used for uniquely identify a dashboard between multiple Grafana installs. The UID allows having consistent URLs for accessing dashboards so changing the title of a dashboard will not break any bookmarked links to that dashboard.

X034JGT7Gz

Change uid

Prometheus

Select a Prometheus data source

Import

Cancel