

Docker

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Local	My Hub				
1.78 GB / 2.63 GB In use	5 images				
<input type="text" value="Search"/> ≡ ☰					
Name	Tag	Image ID	Created	Size	Actions
quay.io/prometheus/node-exporter	latest	337ff1d356b6	2 months ago	41.61 MB	⋮ ▷ ⋮ ☒
prom/prometheus	latest	d936808bdea5	13 days ago	517.59 MB	⋮ ▷ ⋮ ☒
openzipkin/zipkin	latest	bb570eb45c29	8 months ago	379.48 MB	⋮ ▷ ⋮ ☒
grafana/grafana	latest	70d959b186c	26 days ago	993.31 MB	⋮ ▷ ⋮ ☒
prod_exa-app	latest	dea5df17d310	2 hours ago	571.51 MB	⋮ ▷ ⋮ ☒

Prometheus activo:

Prometheus [Alerts](#) [Graph](#) [Status](#) [Help](#) [Classic UI](#)

Runtime Information

Start time	Thu, 11 Dec 2025 16:18:22 GMT
Working directory	/prometheus
Configuration reload	Successful
Last successful configuration reload	2025-12-11T16:18:22Z
WAL corruptions	0
Goroutines	31
GOMAXPROCS	14
GOCG	
GODEBUG	
Storage retention	90d or 100GiB

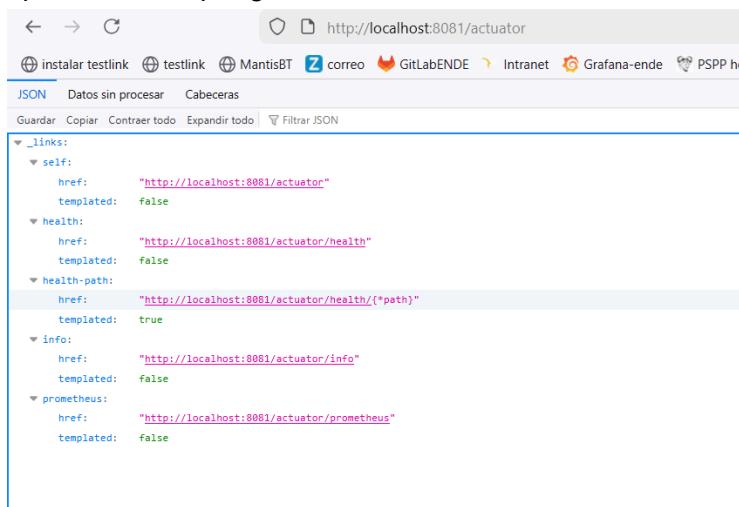
Build Information

Version	2.30.0
Revision	37468d88dce85ac507f3fb7864c7d1c078e3e27d
Branch	HEAD
BuildUser	root@e913c65aa170
BuildDate	20210914-09:49:24
GoVersion	go1.17.1

Select scrape pool ⌄ Filter by target health ⌄ Filter by endpoint or labels ⌄

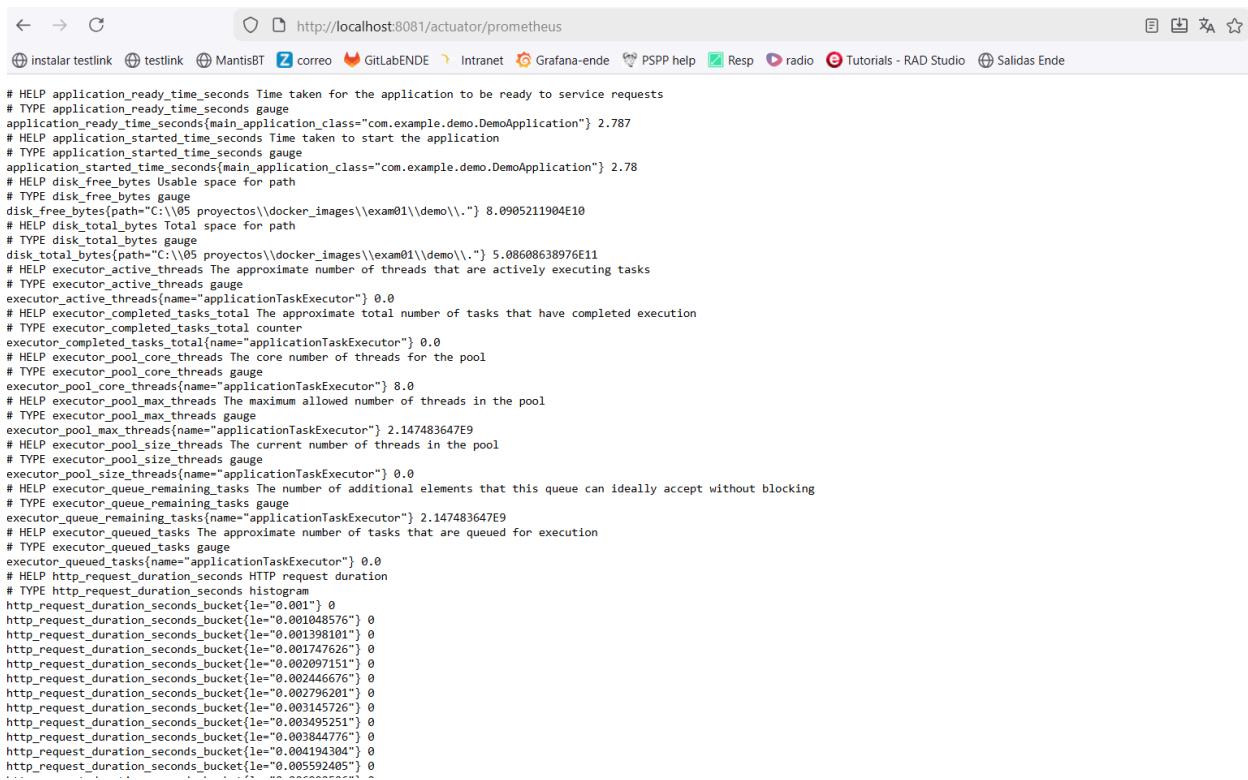
app-demo	1 / 1 up green ↗		
Endpoint	Labels	Last scrape	State
http://app:8081/actuator/prometheus	instance="app:8081" job="app-demo" ⌄	2.686s ago ⌄ 6ms ⌄	UP

Aplicación en spring con actuator



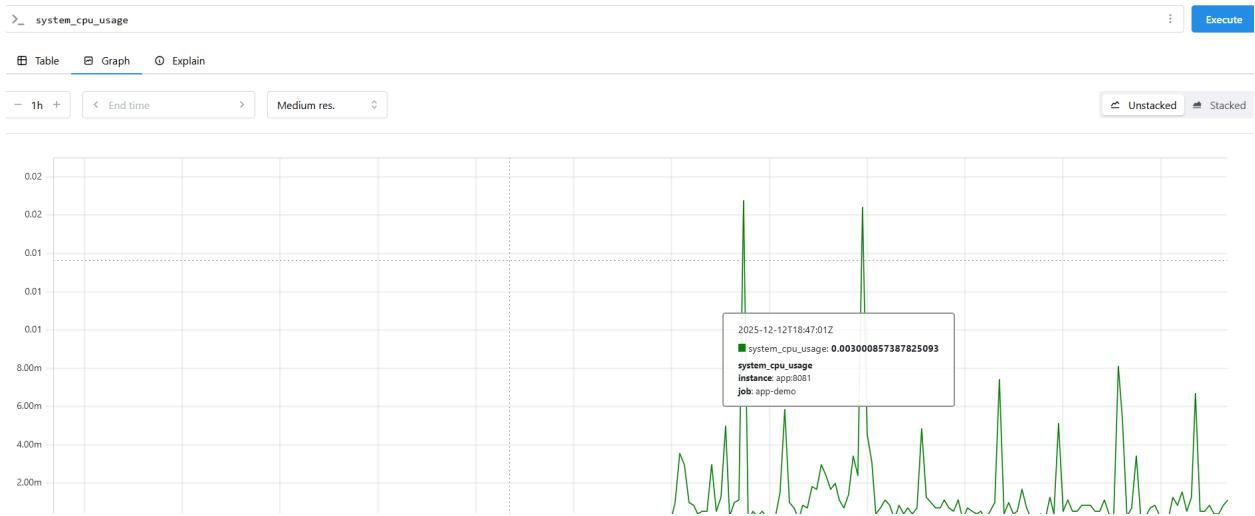
The screenshot shows a browser window with the URL <http://localhost:8081/actuator>. The page displays a JSON object representing the links available for monitoring and configuration. The structure includes sections for self, health, health-path, info, and prometheus, each with their respective hrefs and templated status.

```
_links:
  _self:
    href: "http://localhost:8081/actuator"
    templated: false
  health:
    href: "http://localhost:8081/actuator/health"
    templated: false
  health-path:
    href: "http://localhost:8081/actuator/health/({path})"
    templated: true
  info:
    href: "http://localhost:8081/actuator/info"
    templated: false
  prometheus:
    href: "http://localhost:8081/actuator/prometheus"
    templated: false
```

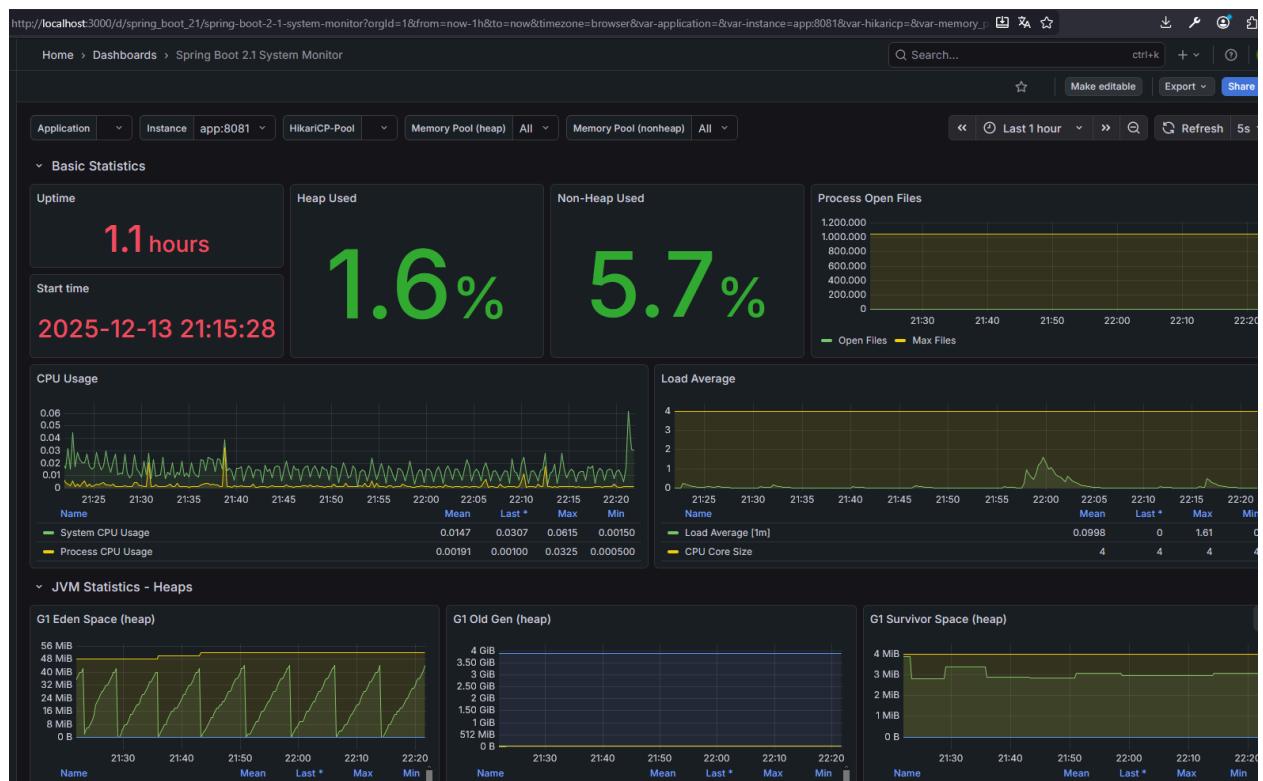


The screenshot shows a browser window with the URL <http://localhost:8081/actuator/prometheus>. The page displays a large block of Prometheus metric definitions. These definitions include various metrics like application_ready_time_seconds, application_started_time_seconds, disk_free_bytes, executor_active_threads, and http_request_duration_seconds, each with its type (e.g., gauge, histogram) and a detailed description.

```
# HELP application_ready_time_seconds Time taken for the application to be ready to service requests
# TYPE application_ready_time_seconds gauge
application_ready_time_seconds{main_application_class="com.example.demo.DemoApplication"} 2.787
# HELP application_started_time_seconds Time taken to start the application
# TYPE application_started_time_seconds gauge
application_started_time_seconds{main_application_class="com.example.demo.DemoApplication"} 2.78
# HELP disk_free_bytes Usable space for path
# TYPE disk_free_bytes gauge
disk_free_bytes(path="C:\\\\05 proyectos\\\\docker_images\\\\exam01\\\\demo\\\\.") 8.0905211904E10
# HELP disk_total_bytes Total space for path
# TYPE disk_total_bytes gauge
disk_total_bytes(path="C:\\\\05 proyectos\\\\docker_images\\\\exam01\\\\demo\\\\.") 5.08608638976E11
# HELP executor_active_threads The approximate number of threads that are actively executing tasks
# TYPE executor_active_threads gauge
executor_active_threads{name="applicationTaskExecutor"} 0.0
# HELP executor_completed_tasks_total The approximate total number of tasks that have completed execution
# TYPE executor_completed_tasks_total counter
executor_completed_tasks_total{name="applicationTaskExecutor"} 0.0
# 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 executor_pool_max_threads The maximum allowed number of threads in the pool
# TYPE executor_pool_max_threads gauge
executor_pool_max_threads{name="applicationTaskExecutor"} 2.147483647E9
# HELP executor_pool_size_threads The current number of threads in the pool
# TYPE executor_pool_size_threads gauge
executor_pool_size_threads{name="applicationTaskExecutor"} 0.0
# HELP executor_queue_remaining_tasks The number of additional elements that this queue can ideally accept without blocking
# TYPE executor_queue_remaining_tasks gauge
executor_queue_remaining_tasks{name="applicationTaskExecutor"} 2.147483647E9
# HELP executor_queued_tasks The approximate number of tasks that are queued for execution
# TYPE executor_queued_tasks gauge
executor_queued_tasks{name="applicationTaskExecutor"} 0.0
# HELP http_request_duration_seconds HTTP request duration
# TYPE http_request_duration_seconds histogram
http_request_duration_seconds_bucket{le="0.001"} 0
http_request_duration_seconds_bucket{le="0.001048576"} 0
http_request_duration_seconds_bucket{le="0.001398101"} 0
http_request_duration_seconds_bucket{le="0.001747626"} 0
http_request_duration_seconds_bucket{le="0.002097151"} 0
http_request_duration_seconds_bucket{le="0.002446676"} 0
http_request_duration_seconds_bucket{le="0.002796201"} 0
http_request_duration_seconds_bucket{le="0.003145726"} 0
http_request_duration_seconds_bucket{le="0.003495251"} 0
http_request_duration_seconds_bucket{le="0.003844776"} 0
http_request_duration_seconds_bucket{le="0.004194304"} 0
http_request_duration_seconds_bucket{le="0.005592405"} 0
...
```



Grafana configurada



Metricas personalizadas



Logs obtenidos de la aplicacion