

Actuator+Prometheus+Grafana監控視覺化簡介

<https://www.tpisoftware.com/tpu/articleDetails/2446>

pom.xml 需增加以下依賴：

```
<dependency>
  <groupId>org.springframework.boot</groupId>
  <artifactId>spring-boot-starter-actuator</artifactId>
</dependency>
<dependency>
  <groupId>io.micrometer</groupId>
  <artifactId>micrometer-registry-prometheus</artifactId>
</dependency>
```

```
#management.endpoint.health.show-details=ALWAYS
#management.endpoints.web.base-path=/monitor
management.endpoints.web.exposure.include=prometheus,metrics
```

- Prometheus 快速入门教程（六）：Spring Boot Actuator 实时监控
https://www.cnblogs.com/chanshuyi/p/06_prometheus_with_springboot_actuator.html
- Spring Boot 微服務應用整合Prometheus + Grafana 實現監控告警
<https://juejin.cn/post/6844904052417904653>
- spring-prometheus的指標意義
<https://blog.csdn.net/ssehs/article/details/123961221>
- prometheus 使用netdata 資料
<https://learn.netdata.cloud/docs/exporting-metrics/prometheus#configure-prometheus-to-scrape-netdata-metrics>

🔄修訂版本 #10

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