**SPRING BOOT ACTUATOR**

* Spring boot actuator module provides production ready features such as monitoring, metrics and health checks
* The spring boot actuator enables you to monitor the application using HTTP endpoints and JMX
* Spring Boot Provides a spring-boot-starter-actuator library to auto-configure Actuator.

**Dependency**: -

<**dependency>**

**<groupId>org.springframework.boot</groupId>**

**<artifactId**>spring-boot-starter-actuator</**artifactId**> </**dependency**>

**Add given properties in application.properties file**

management.endpoints.web.exposure.include=\*

management.info.env.enabled=true

* **/info Endpoint**

If you added any information about the application in application.properties then we can view it using /info endpoint.

<http://localhost:8080/actuator/info>

1. info.app.name=Name of your application
2. ifno.app.description=Application description
3. info.app.version=version of appliation
* **/health EndPoint**

The /health endpoint shows the health of the application, including the disk space database and more.

<http://localhost:8080/actuator/health>

1. For database and disk space of database use given property in properties file

management.endpoint.health.show-details=always

* **/beans EndPoint**

The /beans endpoint shows all the beans registered in your application including the beans you explicity configured and those auto configured by Spring Boot

<http://localhost:8080/actuator/beans>

* **/mappings EndPoint**

The /mapping endpoint shows all the @RequestMapping paths declared in the application. This is very helpful for checking which request path will be handled by which controller method.

<http://localhost:8080/actuator/mappings>

* **/metrics EndPoint**

The /metrics endpoint shows various metrix about the current application such as how much memory it is using, how much memory is free, the size of the heap user, the number of threads used, and so on

<http://localhost:8080/actuator/metrics>

* **/shutdown Endpoint**

**The /shutdown endpoint can be used to gracefully shutdown the application.**

**The endpoint not enabled by default. You can enable this endpoint by adding the property in application.properties file:**

**Management.endpoint.shutdown.enable=true**

**After adding this property, we need to send the HTTP POST request to below endpoint:**

<http://localhost:8080/actuator/shutdown>