

Spring boot actuator

Expose endpoints to monitor and manage the endpoints/application

We have to just include spring-boot-starter-actuator dependency and it will automatically monitor for metrics.

All endpoints are prefixed with /actuator

/health -> to monitor health of the application -> just gives the status of up or down

/info can give more info about the application but we have to expose it.

management.endpoints.web.exposure.include=health,info

management.info.env.enabled=true

localhost:8080/actuator/info

By default it will give empty info.

We can update info about the app by writing in application.properties

info.app.name=
info.app.description=
info.app.version

Every property is prefixed with info.

There are other endpoints:

/auditevents:

/beans: gives all registered beans of the app (gives json list of beans)

/mappings: gives all the @RequestMapping paths

/threaddump: gives list of all threads running in the application

www.luv2code.com/actuator-endpoints official site for endpoints.

management.endpoints.web.exposure.include=* (Will expose all the endpoints)

Spring actuator security:

Add dependency of spring-boot-starter-security

We do not want to expose all the endpoints.

/health will be visible though

But for the rest we will be having login page

Default user -> user

Default password -> it is written in the console

In application.properties we can give our defined username and password

spring.security.user.name=

spring.security.user.password=

To exclude endpoints

management.endpoints.web.exposure.exclude=health,info