

【SpringBoot】取得git branch

出處：<https://blog.elliott.tw/?p=658>

Spring Boot可以提供的Application資訊，參考以下連結

<https://docs.spring.io/spring-boot/reference/actuator/endpoints.html#actuator.endpoints.info>

ID	Name	Description	Prerequisites
build	BuildInfoContributor	Exposes build information.	A <code>META-INF/build-info.properties</code> resource.
env	EnvironmentInfoContributor	Exposes any property from the <code>Environment</code> whose name starts with <code>info.</code> .	None.
git	GitInfoContributor	Exposes git information.	A <code>git.properties</code> resource.
java	JavaInfoContributor	Exposes Java runtime information.	None.
os	OsInfoContributor	Exposes Operating System information.	None.

裡面提到了 `git`，主要就是讀取 `git.properties`

所以只要能產生 `git.properties`

在此有兩種方式，一個是由Maven Plugin產生，另一個則由Gradle Plugin產生

[Generate Git Information](#)

Maven – git-commit-id-maven-plugin

```
<plugin>
<groupId>io.github.git-commit-id</groupId>
<artifactId>git-commit-id-maven-plugin</artifactId>
<version>6.0.0</version>
<executions>
<execution>
<id>get-the-git-infos</id>
<goals>
<goal>revision</goal>
</goals>
<phase>initialize</phase>
</execution>
</executions>
<configuration>
<generateGitPropertiesFile>true</generateGitPropertiesFile>
<generateGitPropertiesFilename>${project.build.outputDirectory}/git.properties</generateGitPropertiesFilename>
<commitIdGenerationMode>full</commitIdGenerationMode>
</configuration>
</plugin>
```

Gradle – gradle-git-properties

```
id("com.gorylenko.gradle-git-properties") version "2.4.1"
```

Spring Boot – Application Yaml

再來只要在 `management` 裡加入 `info.git.enabled=true` 即可

```
management:
  endpoints:
    web:
      exposure:
        include: '*'
  info:
    git:
      enabled: true
  java:
    enabled: true
```

Actuator Info

簡單透過actuator 提供的endpoint

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

```
{
  "git": {
    "branch": "test/performance",
    "commit": {
      "id": "f95f360",
      "time": "2024-10-25T02:09:37Z"
    }
  },
  "build": {
    "artifact": "live-show",
    "name": "live-show",
    "time": "2024-10-25T02:54:21.087Z",
    "version": "2411.2.0",
    "group": "com.momo.app"
  },
  "java": {
    "version": "17.0.11",
    "vendor": {
      "name": "Amazon.com Inc.",
      "version": "Corretto-17.0.11.9.1"
    }
  },
  "runtime": {
    "name": "OpenJDK Runtime Environment",
    "version": "17.0.11+9-LTS"
  },
  "jvm": {
    "name": "OpenJDK 64-Bit Server VM",
    "vendor": "Amazon.com Inc.",
    "version": "17.0.11+9-LTS"
  }
}
```

🕒 修訂版本 #2

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