1. 建立Plugin
2. 拉入jar檔

|  |
| --- |
| <dependency>  <groupId>org.apache.maven</groupId>  <artifactId>maven-plugin-api</artifactId>  <version>3.0</version>  </dependency>  <!-- dependencies to annotations -->  <dependency>  <groupId>org.apache.maven.plugin-tools</groupId>  <artifactId>maven-plugin-annotations</artifactId>  <version>3.4</version>  <scope>provided</scope>  </dependency> |

1. 編輯主類別
   1. 類別加上@Mojo

name: 呼叫Plugin時用的ID

defaultPhase: 觸發Plugin的階段

* 1. Plugin類別繼承AbstractMojo，並複寫execute方法，供defaultPhase時呼叫，範例為compile時調用plugin
  2. 建立變數，供調用時設定，預設為”Willy”

|  |
| --- |
| @Mojo( name = "sayhi",defaultPhase = LifecyclePhase.***COMPILE***)  **public** **class** App **extends** AbstractMojo  {  **public** **void** execute() **throws** MojoExecutionException, MojoFailureException {  // **TODO** Auto-generated method stub  System.***out***.println("Hello Execute"+**this**.name);  }    @Parameter( property = "sayhi.name", defaultValue = "Willy" )  **private** String name;  **public** String getName() {  **return** name;  }  **public** **void** setName(String name) {  **this**.name = name;  }  } |

1. 建立測試類別
2. 拉入plugin

|  |
| --- |
| <plugins>  <plugin>  <groupId>com.willy.plugin</groupId>  <artifactId>myplugin-maven-plugin</artifactId>  <version>0.0.1-SNAPSHOT</version>  <!-- 設定plugin參數 -->  <configuration>  <name>Hank</name>  </configuration>  <executions>  <execution>  <!-- 設定觸發Goal的時機 -->  <phase>compile</phase>  <goals>  <!-- 設定觸發的Goal -->  <goal>sayhi</goal>  </goals>  </execution>  </executions>  </plugin>  </plugins> |

1. mvn package

