# Maven中配置Log4j2

## 1,pom.xml中配置依赖

Log4j2依赖两个jar，log4j-api.jar log4j-core.jar

<!-- log4j -->

<!-- https://mvnrepository.com/artifact/org.apache.logging.log4j/log4j-core -->

<dependency>

<groupId>org.apache.logging.log4j</groupId>

<artifactId>log4j-core</artifactId>

<version>2.9.1</version>

</dependency>

<!-- https://mvnrepository.com/artifact/org.apache.logging.log4j/log4j-api -->

<dependency>

<groupId>org.apache.logging.log4j</groupId>

<artifactId>log4j-api</artifactId>

<version>2.9.1</version>

</dependency>

## 2，编写log4j2.xml

<?xml version="1.0" encoding="UTF-8"?>

<!--设置log4j2的自身log级别为warn-->

<configuration status="warn">

<appenders>

<console name="Console" target="SYSTEM\_OUT">

<PatternLayout pattern="[%d{HH:mm:ss:SSS}] [%p] - %l - %m%n"/>

</console>

<RollingFile name="RollingFileInfo" fileName="${sys:user.home}/logs/hpaasvc/info.log"

filePattern="${sys:user.home}/logs/hpaasvc/$${date:yyyy-MM}/info-%d{yyyy-MM-dd}-%i.log">

<Filters>

<ThresholdFilter level="INFO"/>

<ThresholdFilter level="WARN" onMatch="DENY" onMismatch="NEUTRAL"/>

</Filters>

<PatternLayout pattern="[%d{HH:mm:ss:SSS}] [%p] - %l - %m%n"/>

<Policies>

<TimeBasedTriggeringPolicy/>

<SizeBasedTriggeringPolicy size="100 MB"/>

</Policies>

</RollingFile>

<RollingFile name="RollingFileWarn" fileName="${sys:user.home}/logs/hpaasvc/warn.log"

filePattern="${sys:user.home}/logs/hpaasvc/$${date:yyyy-MM}/warn-%d{yyyy-MM-dd}-%i.log">

<Filters>

<ThresholdFilter level="WARN"/>

<ThresholdFilter level="ERROR" onMatch="DENY" onMismatch="NEUTRAL"/>

</Filters>

<PatternLayout pattern="[%d{HH:mm:ss:SSS}] [%p] - %l - %m%n"/>

<Policies>

<TimeBasedTriggeringPolicy/>

<SizeBasedTriggeringPolicy size="100 MB"/>

</Policies>

</RollingFile>

<RollingFile name="RollingFileError" fileName="${sys:user.home}/logs/hpaasvc/error.log"

filePattern="${sys:user.home}/logs/hpaasvc/$${date:yyyy-MM}/error-%d{yyyy-MM-dd}-%i.log">

<ThresholdFilter level="ERROR"/>

<PatternLayout pattern="[%d{HH:mm:ss:SSS}] [%p] - %l - %m%n"/>

<Policies>

<TimeBasedTriggeringPolicy/>

<SizeBasedTriggeringPolicy size="100 MB"/>

</Policies>

</RollingFile>

</appenders>

<loggers>

<!--过滤掉spring和hibernate的一些无用的debug信息-->

<logger name="org.springframework" level="INFO">

</logger>

<logger name="org.hibernate" level="INFO">

</logger>

<root level="all">

<appender-ref ref="Console"/>

<appender-ref ref="RollingFileInfo"/>

<appender-ref ref="RollingFileWarn"/>

<appender-ref ref="RollingFileError"/>

</root>

</loggers>

</configuration>

## 3,调用api

**private static final Logger logger=LogManager.getLogger(EmpDaoImpl.class);**

public boolean checkEmp(Emp emp) {

// TODO Auto-generated method stub

System.out.println("查询成功======="+emp);

**logger.trace(emp.toString());**

**logger.debug(emp);**

**logger.info(emp);**

**logger.warn(emp);**

return true;

}