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

<project xmlns="http://maven.apache.org/POM/4.0.0"

xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"

xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 http://maven.apache.org/xsd/maven-4.0.0.xsd">

<modelVersion>4.0.0</modelVersion>

<groupId>org.example</groupId>

<artifactId>flinkwordcount</artifactId>

<version>1.0-SNAPSHOT</version>

<properties>

<project.build.sourceEncoding>UTF-8</project.build.sourceEncoding>

<!--Flink 版本-->

<flink.version>1.8.0</flink.version>

<!--JDK 版本-->

<java.version>1.8</java.version>

<!--Scala 2.11 版本-->

<scala.binary.version>2.11</scala.binary.version>

<maven.compiler.source>${java.version}</maven.compiler.source>

<maven.compiler.target>${java.version}</maven.compiler.target>

</properties>

<dependencies>

<!-- Apache Flink dependencies -->

<!-- These dependencies are provided, because they should not be

packaged into the JAR file. -->

<dependency>

<groupId>org.apache.flink</groupId>

<artifactId>flink-java</artifactId>

<version>${flink.version}</version>

<scope>provided</scope>

</dependency>

<dependency>

<groupId>org.apache.flink</groupId>

<artifactId>flink-streaming-java\_${scala.binary.version}

</artifactId>

<version>${flink.version}</version>

<scope>provided</scope>

</dependency>

<!-- Add logging framework, to produce console output when running in

the IDE. -->

<!-- These dependencies are excluded from the application JAR by

default. -->

<dependency>

<groupId>org.slf4j</groupId>

<artifactId>slf4j-log4j12</artifactId>

<version>1.7.7</version>

<scope>runtime</scope>

</dependency>

<dependency>

<groupId>log4j</groupId>

<artifactId>log4j</artifactId>

<version>1.2.17</version>

<scope>runtime</scope>

</dependency>

</dependencies>

<build>

<plugins>

<!-- Java Compiler -->

<plugin>

<groupId>org.apache.maven.plugins</groupId>

<artifactId>maven-compiler-plugin</artifactId>

<version>3.1</version>

<configuration>

<source>${java.version}</source>

<target>${java.version}</target>

</configuration>

</plugin>

<!-- 使⽤ maven-shade 插件创建⼀个包含所有必要的依赖项的 fat Jar -->

<plugin>

<groupId>org.apache.maven.plugins</groupId>

<artifactId>maven-shade-plugin</artifactId>

<version>3.0.0</version>

<executions>

<execution>

<phase>package</phase>

<goals>

<goal>shade</goal>

</goals>

<configuration>

<artifactSet>

<excludes>

<exclude>org.apache.flink:forceshading</exclude>

<exclude>com.google.code.findbugs:jsr305</exclude>

<exclude>org.slf4j:\*</exclude>

<exclude>log4j:\*</exclude>

</excludes>

</artifactSet>

<filters>

<filter>

<artifact>\*:\*</artifact>

<excludes>

<exclude>META-INF/\*.SF</exclude>

<exclude>META-INF/\*.DSA</exclude>

<exclude>META-INF/\*.RSA</exclude>

</excludes>

</filter>

</filters>

<transformers>

<transformer

implementation="org.apache.maven.plugins.shade.resource.ManifestResourceTr

ansformer">

<!--注意：这⾥⼀定要换成你⾃⼰的 Job main ⽅法的

启动类-->

<mainClass>Main</mainClass>

</transformer>

</transformers>

</configuration>

</execution>

</executions>

</plugin>

</plugins>

</build>

</project>