

Android Maven Konfigurasyonu

Android uygulamalarını Maven ile geliştirmek için gerekli olan ayarları yapmak gerekmektedir. Maven'in varsayılan klasör yapısından biraz farklı olan aşağıdaki klasör yapısı kullanılarak Android uygulamamızı Maven ile yapabiliriz. Bunun için gerekli olan konfigürasyonları sırasıyla inceleyelim:

Android-Maven klasör yapısı:

```
ProjeAdi
  res
    drawable-hdpi
    drawable-ldpi
    drawable-mdpi
    layout
    values
  src
    main
    test
  AndroidManifest.xml
  pom.xml
```

Temel konfigürasyonların bulunduğu pom.xml dosyası:

```
1  <?xml version="1.0" encoding="UTF-8"?>
2  <project xmlns="http://maven.apache.org/POM/4.0.0 (http://maven.apache.org/POM/4.0.0) "
3     xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance (http://www.w3.org/2001/XMLSchema-instance)
4     "
5     xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 (http://maven.apache.org/POM/4.0.0)
6     http://maven.apache.org/xsd/maven-4.0.0.xsd (http://maven.apache.org/xsd/maven-4.0.0.xsd) ">
7     <modelVersion>4.0.0</modelVersion>
8
9     <groupId>android_maven</groupId>
10    <artifactId>tutorial</artifactId>
11    <version>1.0</version>
12    <packaging>apk</packaging>
13    <dependencies>
14        <dependency>
15            <groupId>com.google.android</groupId>
16            <artifactId>android</artifactId>
17            <version>2.3.3</version>
18            <scope>provided</scope>
19        </dependency>
20
21    </dependencies>
22    <build>
23        <finalName>${project.artifactId}</finalName>
24
25        <pluginManagement>
26            <plugins>
27                <plugin>
28                    <groupId>com.jayway.maven.plugins.android.generation2</groupId>
29                    <artifactId>android-maven-plugin</artifactId>
30                    <version>3.0.0</version>
31                    <extensions>>true</extensions>
32                </plugin>
33            </plugins>
34        </pluginManagement>
35        <plugins>
36            <plugin>
37                <groupId>com.jayway.maven.plugins.android.generation2</groupId>
38                <artifactId>android-maven-plugin</artifactId>
39                <configuration>
40                    <run>
41                        <debug>>true</debug>
42                    </run>
43                    <sdk>
44                        <path>C:\PROGRA~1\Android\android-sdk</path>
45                        <platform>15</platform>
46                    </sdk>
47                    <emulator>
```

```

48         <avd>16</avd>
49     </emulator>
50     <undeployBeforeDeploy>>true</undeployBeforeDeploy>
51 </configuration>
52 <executions>
53     <execution>
54         <id>android-deploy</id>
55         <phase>install</phase>
56         <goals>
57             <goal>deploy</goal>
58             <goal>run</goal>
59         </goals>
60     </execution>
61 </executions>
62 </plugin>
63
64 <plugin>
65     <groupId>org.apache.maven.plugins</groupId>
66     <artifactId>maven-jar-plugin</artifactId>
67     <version>2.3.1</version>
68 </plugin>
69 <plugin>
70     <groupId>org.apache.maven.plugins</groupId>
71     <artifactId>maven-compiler-plugin</artifactId>
72     <version>2.3.1</version>
73     <configuration>
74         <source>1.6</source>
75         <target>1.6</target>
76     </configuration>
77 </plugin>
78 <plugin>
79     <groupId>org.apache.maven.plugins</groupId>
80     <artifactId>maven-surefire-plugin</artifactId>
81     <version>2.6</version>
82 </plugin>
83 <plugin>
84     <groupId>org.apache.maven.plugins</groupId>
85     <artifactId>maven-install-plugin</artifactId>
86     <version>2.3.1</version>
87 </plugin>
88 </plugins>
</build>
</project>

```

```

1 <?xml version="1.0" encoding="utf-8"?>
2 <manifest xmlns:android="http://schemas.android.com/apk/res/android (http://schemas.android.com/apk/res
3 /android)"
4     package="mucayufa.android.helloWorld"
5     android:versionCode="1"
6     android:versionName="1.0">
7     <application android:label="@string/app_name" android:icon="@drawable/icon">
8         <activity android:name=".Main"
9             android:label="@string/app_name">
10             <intent-filter>
11                 <action android:name="android.intent.action.MAIN" />
12                 <category android:name="android.intent.category.LAUNCHER" />
13             </intent-filter>
14         </activity>
15     </application>
</manifest>

```

Tüm bu konfigürasyonların bulunduğu örnek projeyi indirmek için [tıklayınız \(/sources/codes/android/helloWorld.zip\)](/sources/codes/android/helloWorld.zip)