**Things that can go in profile tag**

<project>

<profiles>

<profile>

<id>profieid</id>

<build>

<defaultGoal>...</defaultGoal>

<finalName>...</finalName>

<resources>...</resources>

<testResources>...</testResources>

<plugins>...</plugins>

</build>

<reporting>...</reporting>

<modules>...</modules>

<dependencies>...</dependencies>

<dependencyManagement>...</dependencyManagement>

<distributionManagement>...</distributionManagement>

<repositories>...</repositories>

<pluginRepositories>...</pluginRepositories>

<properties>...</properties>

</profile>

</profiles>

</project>

**Ways to activate profile**

**Using the command line**

Ex: mvn clean –P <profile-id>

**Using activate Tag**

*Acticate if the JDK version starts with 1.5*

<activation>

<jdk>1.5</jdk>

</activation>

*Activate if the JDK versions are any of 1.3, 1.4 and 1.5*

<activation>

<jdk>[1.3,1.6)</jdk>

</activation>

*Activation based on OS*

<activation>

<os>

<name>Windows XP</name>

<family>Windows</family>

<arch>x86</arch>

<version>5.1.2600</version>

</os>

</activation>

*the system property "debug" is specified with any value*

<activation>

<property>

<name>debug</name>

</property>

</activation>

*the system property "debug" is not specified with any value*

<activation>

<property>

<name>!debug</name>

</property>

</activation>

*property "debug" is not defined, or is defined with a value which is not "true".*

<activation>

<property>

<name>debug</name>

<value>!true</value>

</property>

</activation>

*system property "environment" is specified with the value "test":*

<activation>

<property>

<name>environment</name>

<value>test</value>

</property>

</activation>

*To activate this you would type this on the command line:*

mvn groupId:artifactId:goal -Denvironment=test

*Profiles can be activated in the Maven settings, via the <activeProfiles> section. This section takes a list of <activeProfile> elements, each containing a profile-id inside.*

<settings>

...

<activeProfiles>

<activeProfile>profile-1</activeProfile>

</activeProfiles>

...

</settings>

*profiles can be deactivated using the command line by prefixing their identifier with either the character '!' or '-' as shown below:*

mvn groupId:artifactId:goal -P !profile-1,!profile-2