

Deploying maven projects to package cloud

Packagecloud is a free or a public service to host maven projects. Create a free trial account and create a remote repo to push our own local repo. We have to create 2 repo one that is snapshot and other is release, that is how maven works.

```
<build>
<extensions>
  <extension>
    <groupId></groupId>
    <artifactId></artifactId>
    <version></version>
  </extension>
</extensions>
</build>
```

Build extension is used to add up other wagon provider.

Packagecloud provide their own plugin to extend the wagon api. It allows maven to use package cloud to deploy artefacts.

distributionManagement tells where to deploy stuffs.

```
<distributionManagement>
  <repository>
    <id>packagecloud.my_repo_releases</id>
    <url>packagecloud+http://packagecloud.dev:3000/testy/my_repo</url>
  </repository>
  <snapshotRepository>
    <id>packagecloud.my_repo_snapshots</id>
    <url>packagecloud+http://packagecloud.dev:3000/testy/my_repo</url>
  </snapshotRepository>
</distributionManagement>
```

packagecloud+https -> uses this protocol to hook into the maven wagon plugin extension.

Depending on version -> it either gets deployed to release (eg. 1.0 version) or snapshot remote repo (eg. 1.0-SNAPSHOT)

Maven adds timestamp to every fileName so even if it is of same version, it gets to know the latest by timestamp.