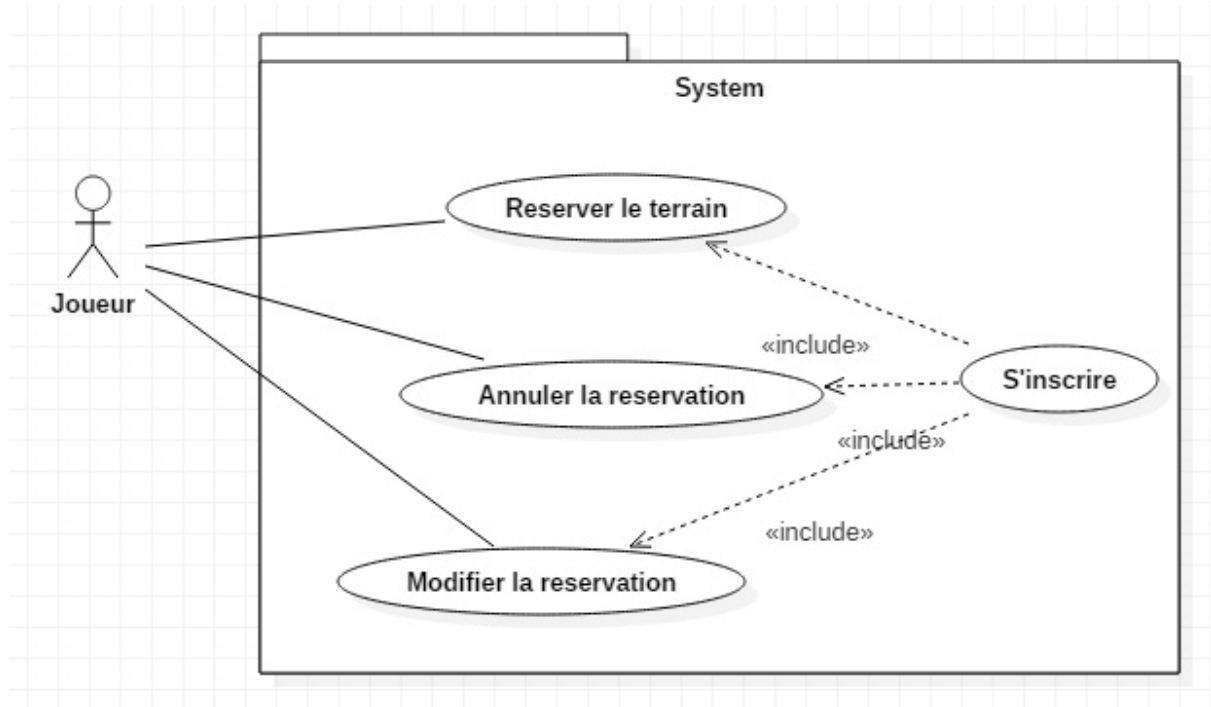


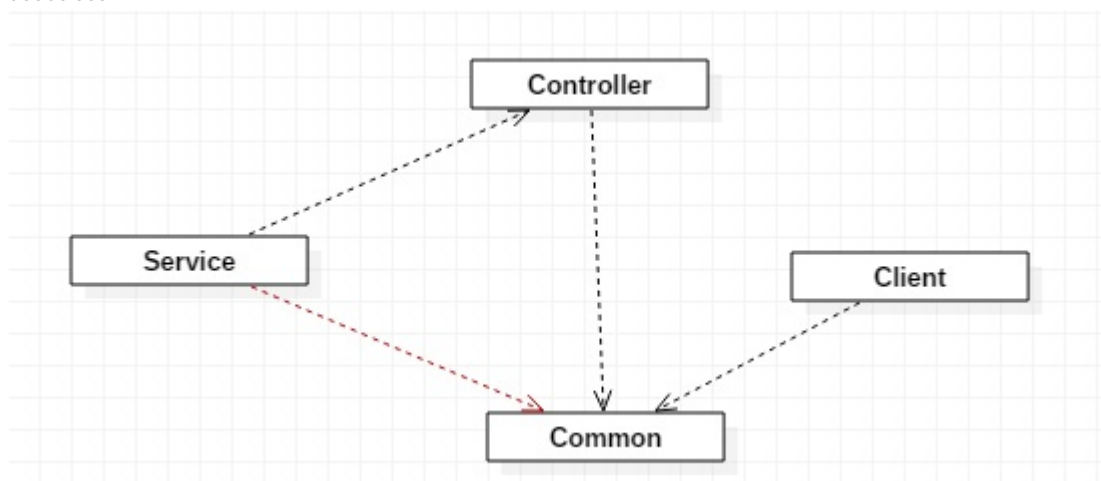
# Compte rendue : Outils pour cycle de vie Logiciel

## Sujet: Gestion d'une application Rest de reservation de terrain de mini-foot

1. Donner le diagramme de cas d'utilisation associe.



2. En s'appuyant sur le principe de l'heritage ou de multi-modules vues dans le cours. Donnez le graphe de dependances associees.



3. Donnez un exemple de dependance transitive presente dans votre graphe et expliquez pourquoi.

Selon de graphe, la ligne rouge est une dependance transitive, parceque Service est dependant de Controller et Common, Controller est dependant de Common aussi, donc Service depends de Controller ca suffit, dans ce module on peut utiliser Common.

4. Cloner le depot.

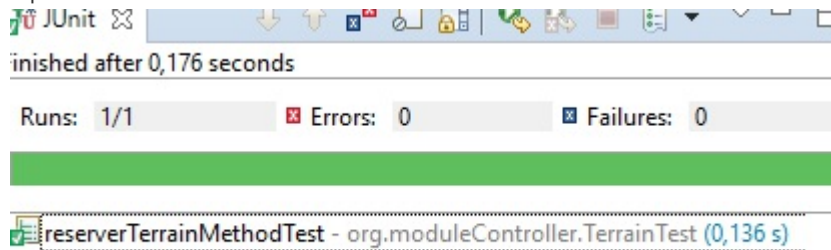
```
$ git clone git@192.168.1.187:/opt/git/repositories/test.git
```

5. Creer une branche et en basculer.

```
$ git checkout -b b1_shi
```

6. Reserver un terrain

7. Implementer deux tests unitaires.



8. git checkout -b b2\_shi

9. Merge b2 avec b1

```
$ git add * && git commit -m "before merge"
$ git merge b1_shi
```

10. Ajouter une dependance et push a distance

```
$ git add *

yuxin@DESKTOP-VI5MJSH MINGW64 ~/PDS2/TPFinOutil/test/esipeMavenModelProjet (b1_shi)
$ git commit -m "google map dependency"
[b1_shi b2fa4d2] google map dependency
5 files changed, 9 insertions(+), 4 deletions(-)

yuxin@DESKTOP-VI5MJSH MINGW64 ~/PDS2/TPFinOutil/test/esipeMavenModelProjet (b1_shi)
$ git push origin b1_shi
git@192.168.4.187's password:
Counting objects: 106, done.
Delta compression using up to 4 threads.
Compressing objects: 100% (72/72), done.
Writing objects: 100% (106/106), 11.17 KiB | 544.00 KiB/s, done.
Total 106 (delta 18), reused 0 (delta 0)
To 192.168.4.187:/opt/git/repositories/test.git
* [new branch]      b1_shi -> b1_shi
```

11. Add tag

```

yuxin@DESKTOP-VI5MJSH MINGW64 ~/PDS2/TPFinOutil/test/esipeMavenModelProjet (b2_s
hi)
$ git tag 0.0.1-snapshot

yuxin@DESKTOP-VI5MJSH MINGW64 ~/PDS2/TPFinOutil/test/esipeMavenModelProjet (b2_s
hi)
$ git push origin --tags
git@192.168.4.187's password:
Counting objects: 62, done.
Delta compression using up to 4 threads.
Compressing objects: 100% (39/39), done.
Writing objects: 100% (62/62), 4.20 KiB | 390.00 KiB/s, done.
Total 62 (delta 15), reused 0 (delta 0)
To 192.168.4.187:/opt/git/repositories/test.git
 * [new tag]          0.0.1-snapshot -> 0.0.1-snapshot

yuxin@DESKTOP-VI5MJSH MINGW64 ~/PDS2/TPFinOutil/test/esipeMavenModelProjet (b2_s
hi)

```

## 12. Serveur d'integration continue

Repository URL	<input type="text" value="/opt/git/repositories/test.git"/>	
Credentials	<input type="text" value="git/*****"/>	<input type="button" value="Add"/>
Branch Specifier (blank for 'any')	<input type="text" value="*/b1_shi"/>	
<b>Build</b>		
Root POM	<input type="text" value="esipeMavenModelProjet/pom.xml"/>	
Goals and options	<input type="text" value="clean package"/>	

## 13. Error of compilation Junit

```

[INFO] esipeMavenModelProjet ..... SUCCESS [ 1.539 s]
[INFO] moduleCommon ..... SUCCESS [ 8.985 s]
[INFO] moduleClient ..... SUCCESS [ 1.210 s]
[INFO] moduleController ..... FAILURE [ 1.538 s]
[INFO] moduleServer ..... SKIPPED
[INFO] -----
[INFO] BUILD FAILURE
[INFO] -----
[INFO] Total time: 15.577 s
[INFO] Finished at: 2018-01-10T13:13:41+01:00
[INFO] Final Memory: 26M/63M
[INFO] -----
[ERROR] Failed to execute goal org.apache.maven.plugins:maven-compiler-plugin:3.2:testCompi
moduleController: Compilation failure: Compilation failure:
[ERROR] /var/lib/jenkins/workspace/b2_shi/esipeMavenModelProjet/moduleController/src/test/j
[3,24] package org.junit does not exist

```

14. Envoyer a distance serveur(J'ai une version reussie, donc j'utilise celle d'avant:<http://192.168.4.187:8080/job/esipeMavenYuxin/configure>)

SSH Server

Name

高级...

Transfers

Transfer Set

Source files

Remove prefix

Remote directory

Exec command

Either Source files, Exec command or both must be

- 15 SonarQube Configuration

SonarQube analysis with Maven

The SonarQube Post-build Action is deprecated