

CMPUT 301 Lab 7

Intent Testing

Get the **lonelyTwitter** project updates

- Option 1: use branch from ta301-ks
 - `git remote add ta301-ks https://github.com/ta301-ks/lonelyTwitter.git`
 - `git fetch ta301-ks`
 - `git checkout ta301-ks/f18lab7`
 - `git checkout -b f18lab7`

UI Testing

- Ensuring that UI is working as expected
- A way to test your **uses cases** for the project
- You can verify that they can be completed

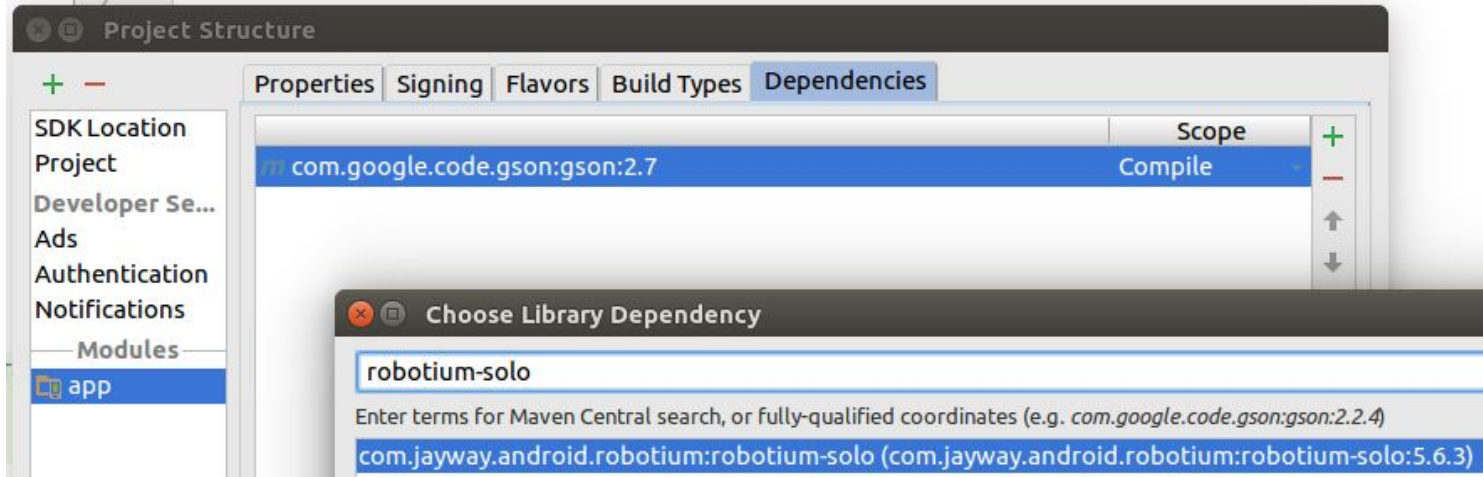
Different libraries available for Android. Some of them:

- Espresso (<https://developer.android.com/training/testing/espresso/index.html>)
- Robotium SOLO (<https://github.com/RobotiumTech/robotium>)

Robotium SOLO

- Library for UI testing
- Allows automation UI testing and therefore saves time
- Downside: Kind of slow and can work weirdly if the screen is off (on devices anyways).
- Can be used with `ActivityInstrumentationTestCase2`

Add Library link to Robotium SOLO



```
dependencies {  
    compile 'com.google.code.gson:gson:2.7'  
    compile 'com.jayway.android.robotium:robotium-solo:5.6.3'  
}
```

Lab Exercise

1. When an item in the ListView in LonelyTwitter is clicked, get the corresponding tweet and send it to EditTweetActivity. Display the Tweet in EditTweetActivity (however you want)
2. Write a UI test case to verify that the data from the Tweet is correct and visible in the new activity!