

# Preparing your build for project submission

## ANDROID



## PROBLEM

Your project exceeds the 1000 file limit for project submission. Follow this tutorial to clean your build and reduce your files



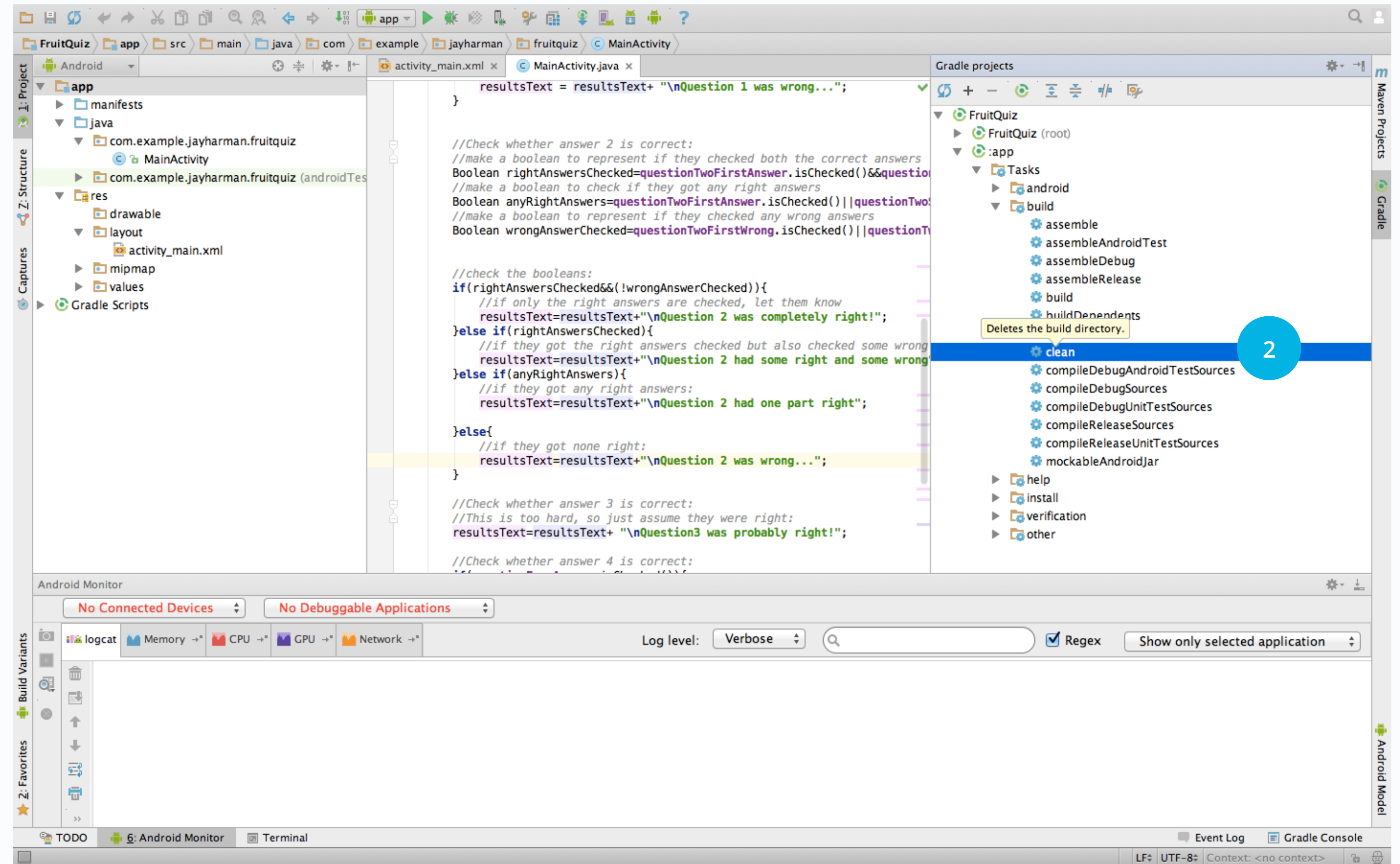
1

Open Gradle side panel

2

Select app → Tasks → build → clean

OR select app → Tasks → verification → clean



1

2

3

Double click "clean"

4

Success!

The screenshot shows an IDE window for a project named 'FruitQuiz'. The main editor displays the Java code for MainActivity.java, which includes logic for checking answers and updating the results text. The Gradle Projects panel on the right shows the 'clean' task selected under the 'build' folder. The Run console at the bottom shows the output of the 'clean' task, indicating a successful build. A blue circle with the number '3' is overlaid on the 'clean' task in the Gradle Projects panel, and another blue circle with the number '4' is overlaid on the 'BUILD SUCCESSFUL' message in the Run console.

```
resultsText = resultsText+ "\nQuestion 1 was wrong...";
}

//Check whether answer 2 is correct:
//make a boolean to represent if they checked both the correct answers
Boolean rightAnswersChecked=questionTwoFirstAnswer.isChecked()&&questionTwoSecondAnswer.isChecked();
//make a boolean to check if they got any right answers
Boolean anyRightAnswers=questionTwoFirstAnswer.isChecked()||questionTwoSecondAnswer.isChecked();
//make a boolean to represent if they checked any wrong answers
Boolean wrongAnswerChecked=questionTwoFirstWrong.isChecked()||questionTwoSecondWrong.isChecked();

//check the booleans:
if(rightAnswersChecked&&!wrongAnswerChecked){
//if only the right answers are checked, let them know
resultsText=resultsText+"\nQuestion 2 was completely right!";
}else if(rightAnswersChecked){
//if they got the right answers checked but also checked some wrong
resultsText=resultsText+"\nQuestion 2 had some right and some wrong!";
}else if(anyRightAnswers){
//if they got any right answers:
resultsText=resultsText+"\nQuestion 2 had one part right!";
}else{
//if they got none right:
resultsText=resultsText+"\nQuestion 2 was wrong...";
}

//Check whether answer 3 is correct:
//This is too hard, so just assume they were right:
resultsText=resultsText+ "\nQuestion3 was probably right!";

//Check whether answer 4 is correct:
```

Gradle projects

- FruitQuiz
- FruitQuiz (root)
- :app
  - Tasks
    - android
      - build
        - assemble
        - assembleAndroidTest
        - assembleDebug
        - assembleRelease
        - build
        - buildDepends
        - buildNeeded
        - clean
        - compileDebugAndroidTestSources
        - compileDebugSources
        - compileDebugUnitTestSources
        - compileReleaseSources
        - compileReleaseUnitTestSources
        - mockableAndroidJar
      - help
      - install
      - verification
      - other
      - Run Configurations

Run FruitQuiz:app [clean]

Download <https://jcenter.bintray.com/org/ow2/asm/asm-debug-all/5.0.1/asm-debug-all-5.0.1.jar>

Download <https://jcenter.bintray.com/com/android/tools/layoutlib/layoutlib-api/24.5.0/layoutlib-api-24.5.0.jar>

Download <https://jcenter.bintray.com/com/android/tools/dvlib/24.5.0/dvlib-24.5.0.jar>

Download <https://jcenter.bintray.com/org/antlr/ST4/4.0.8/ST4-4.0.8.jar>

Download <https://jcenter.bintray.com/com/android/tools/lint/lint-api/24.5.0/lint-api-24.5.0.jar>

Download <https://jcenter.bintray.com/com/tunnelvisionlabs/antlr4-runtime/4.5/antlr4-runtime-4.5.jar>

Download <https://jcenter.bintray.com/com/tunnelvisionlabs/antlr4-annotations/4.5/antlr4-annotations-4.5.jar>

Download <https://jcenter.bintray.com/com/intellij/annotations/12.0/annotations-12.0.jar>

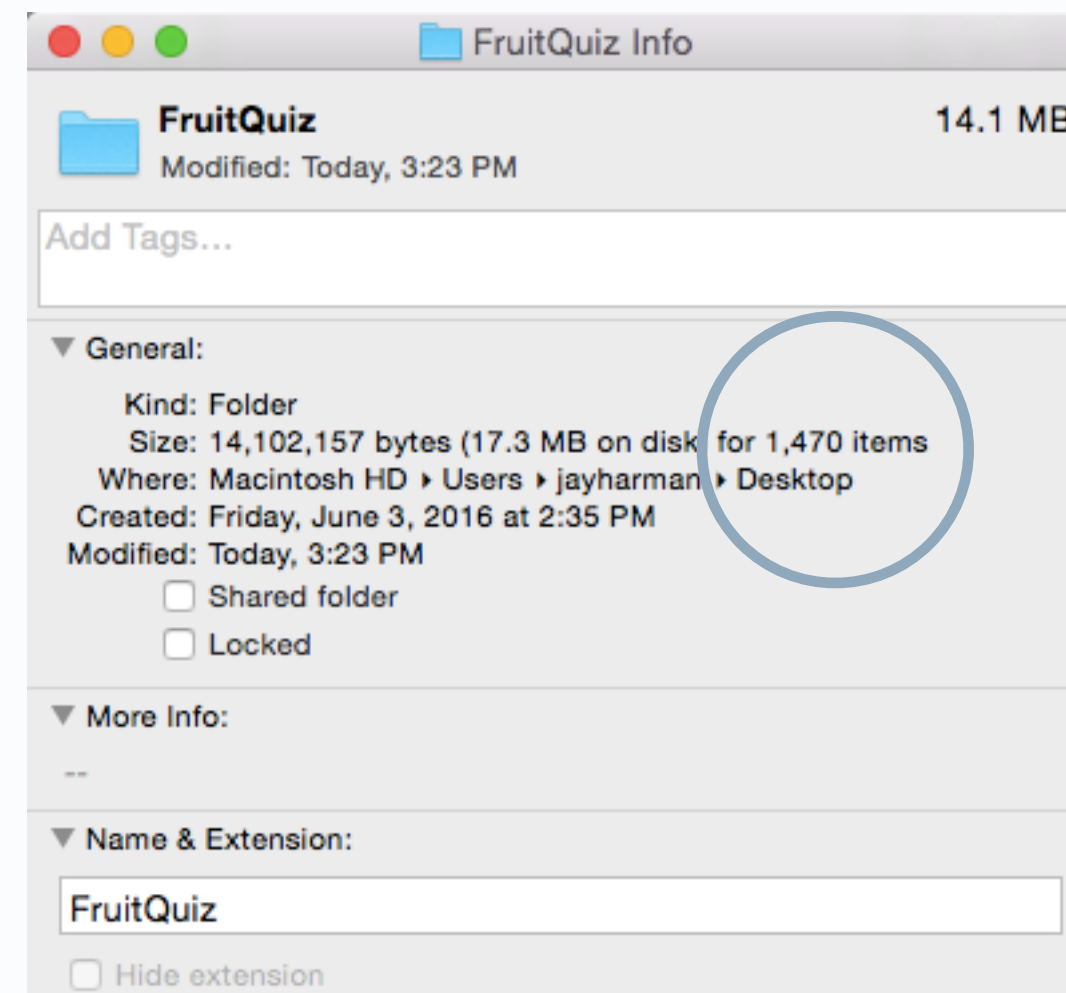
Download <https://jcenter.bintray.com/org/abego/treelayout/org.abego.treelayout.core/1.0.1/org.abego.treelayout.core-1.0.1.jar>

:app:clean

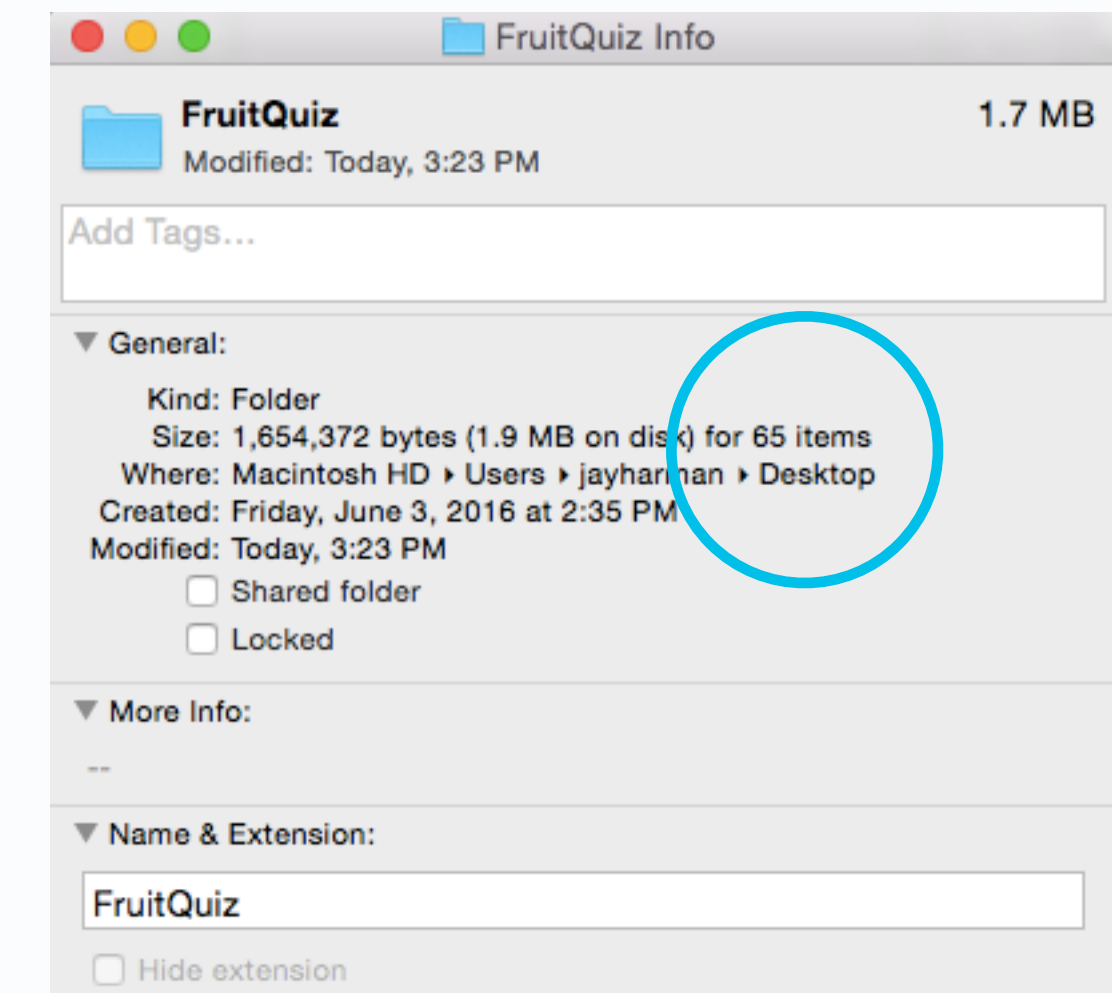
**4** BUILD SUCCESSFUL

Total time: 21.842 secs  
3:24:22 PM: External task execution finished 'clean'.

Now you've got a clean build and you're ready to submit your project!



Before



After