

What's the difference between src/androidtest and src/test folders?

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In a project, in Android Studio, by default, there are two test folders.

92



The first is `src/androidTest`. This folder already existed in the previous version of Android Studio. Nevertheless, there is now a new test folder, by default, `src/test`, and new dependence, `testCompile 'junit:junit: 4.12'` in `build.gradle`.



18

Which folder do I use for testing? What are the differences between the two?



android



android-studio

testing

junit

android-testing

edited Oct 9 '18 at 21:05



nbro

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102

asked Dec 21 '15 at 14:03



lopez.mikhael

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2 Answers

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`src/androidTest` is for unit tests that involves android

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103



`src/test` is for pure unit test that do not involve android framework. You can run tests here without running on a real device or on emulator.

You can use both folders. Use the first one to test code that use Android framework. Use the second one to test code that are pure java classes. The methods to write tests are almost the same.

More info here :

http://developer.android.com/tools/testing/testing_android.html

edited Dec 21 '15 at 14:09

answered Dec 21 '15 at 14:07



Bipi

2,159 1 14 17

4 Yes you need both. – [Bipi](#) Dec 21 '15 at 14:10

URL redirected to :

developer.android.com/studio/test/index.html –

[Guillaume Huste](#) Dec 5 '16 at 8:40

You just saved my day – [C Johnson](#) Oct 22 '18 at 20:48



32



Great source of information relating to android testing in general is developers page [Best Practices for Testing](#):

- **Local unit tests** (`/src/test/java/`)

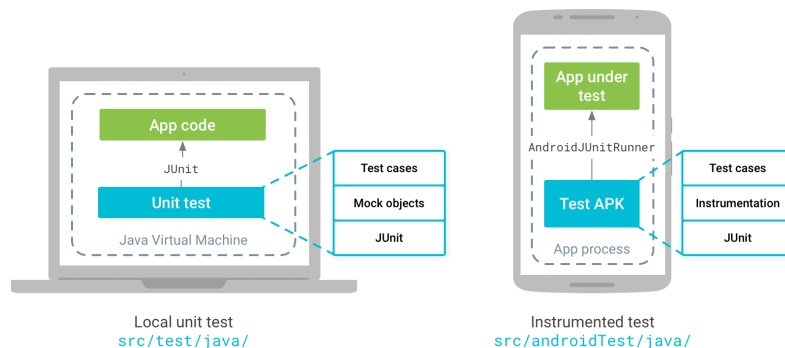
Unit tests that run locally on the Java Virtual Machine (JVM). Use these tests to minimize execution time

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framework dependencies.

- **Instrumented tests** (`/src/androidTest/java/`)

Unit tests that run on an Android device or emulator. These tests have access to Instrumentation information, such as the Context of the app you are testing. Use these tests when your tests have Android dependencies that mock objects cannot satisfy.



answered Nov 30 '16 at 14:41



Leszek Jasek

1,464 1 16 26