

Andres Sandoval

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Retry TestRule for Android Espresso tests



Andres Sandoval Mar 2, 2019 · 2 min read ★

This tutorial shows how to add Retry Test Rule to your Espresso UI automation tests. If a test fails it will retry test 'X' times. The code snippets are for Java and Kotlin projects.

1. First, we create the Retry TestRule

Kotlin:

```
/**
 * Retry test rule used to retry test that failed.
 * Retry failed test 3 times
 */

class RetryTestRule(val retryCount: Int = 3) : TestRule {

    private val TAG = RetryTestRule::class.java.simpleName

    override fun apply(base: Statement, description:
Description): Statement {
        return statement(base, description)
    }

    private fun statement(base: Statement, description:
Description): Statement {
        return object : Statement() {
```


Thanks for reading! ping me if you have a question about Retry TestRule.

Resources:

All about TestRule — A Steroid Before/After

We usually have @Before and @After in our test for setup and teardown functions needed for the test. So what is...

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