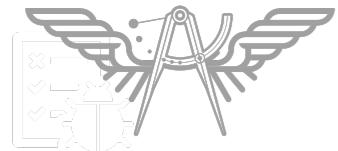




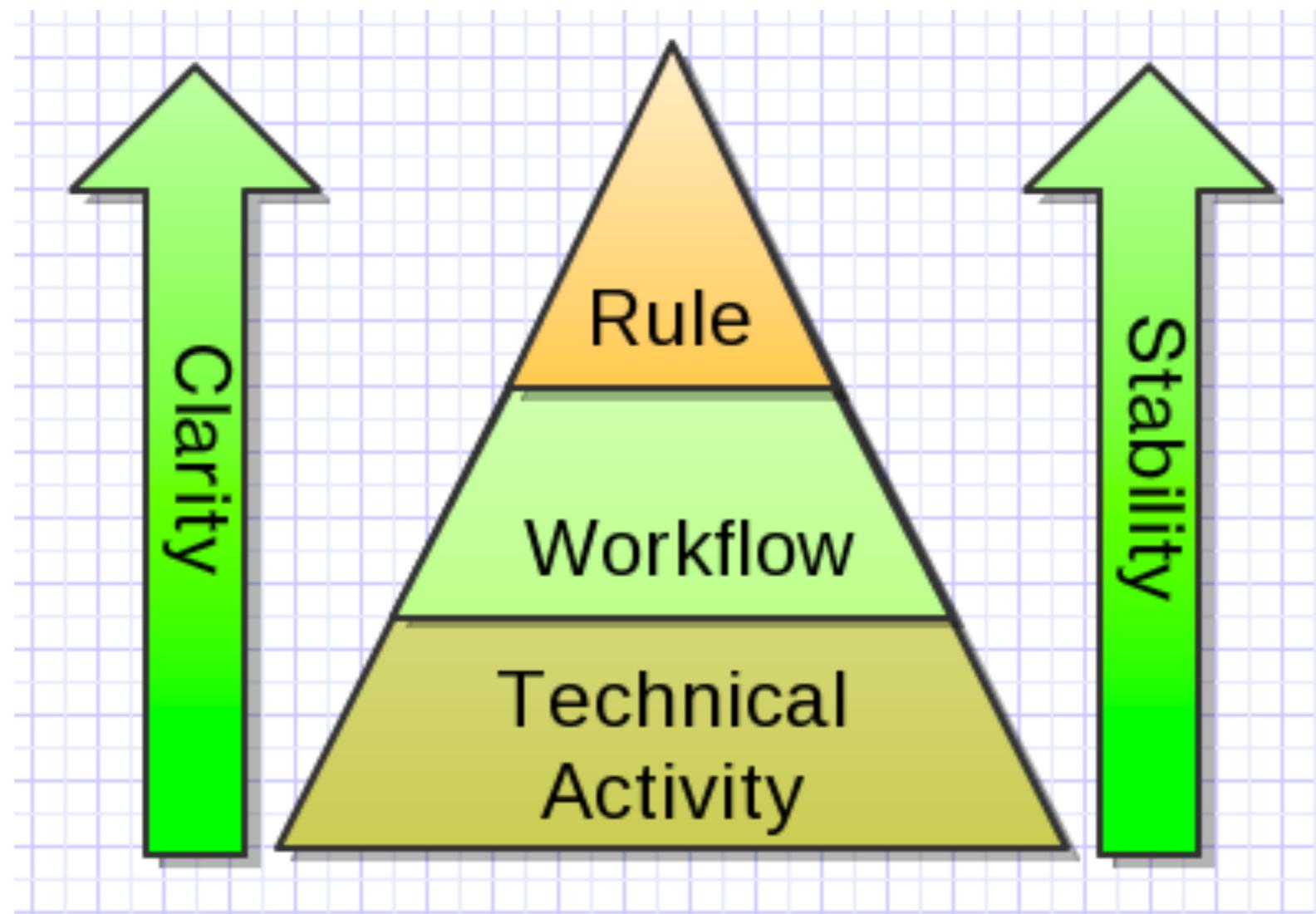
Katalon workshop



Katalon workshop



3 levels of UI test automation



Katalon features

Web Recorder

Web spy

Coding with groovy



Web driver problem



Download web drivers

Version of browser == Version of web driver

Copy web driver to <KATALON HOME>/
configurations/resources/drivers/<name of
browser>



Working with Variables



Types of variables

Groovy variables

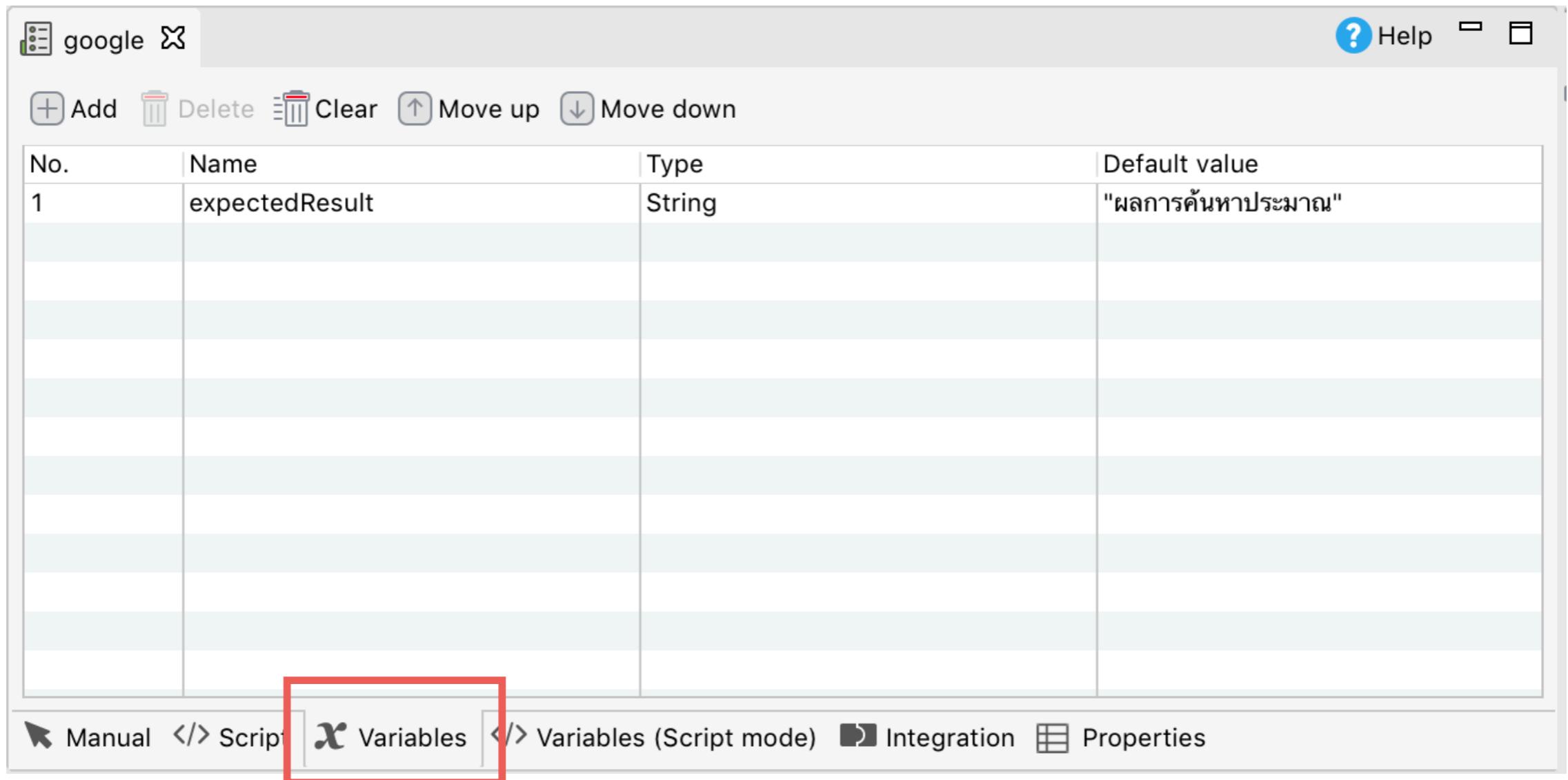
Test case variables

Global variables



Test case variables

Create variables in Variables tab



The screenshot shows a software interface for managing test cases. At the top, there's a toolbar with icons for 'Add', 'Delete', 'Clear', 'Move up', and 'Move down'. Below the toolbar is a table with columns: No., Name, Type, and Default value. There is one row in the table with the following data:

No.	Name	Type	Default value
1	expectedResult	String	"ผลการค้นหาประมวล"

At the bottom of the screen, there is a navigation bar with several tabs: 'Manual', '</> Script', 'Variables' (which is highlighted with a red box), '</> Variables (Script mode)', 'Integration', and 'Properties'.



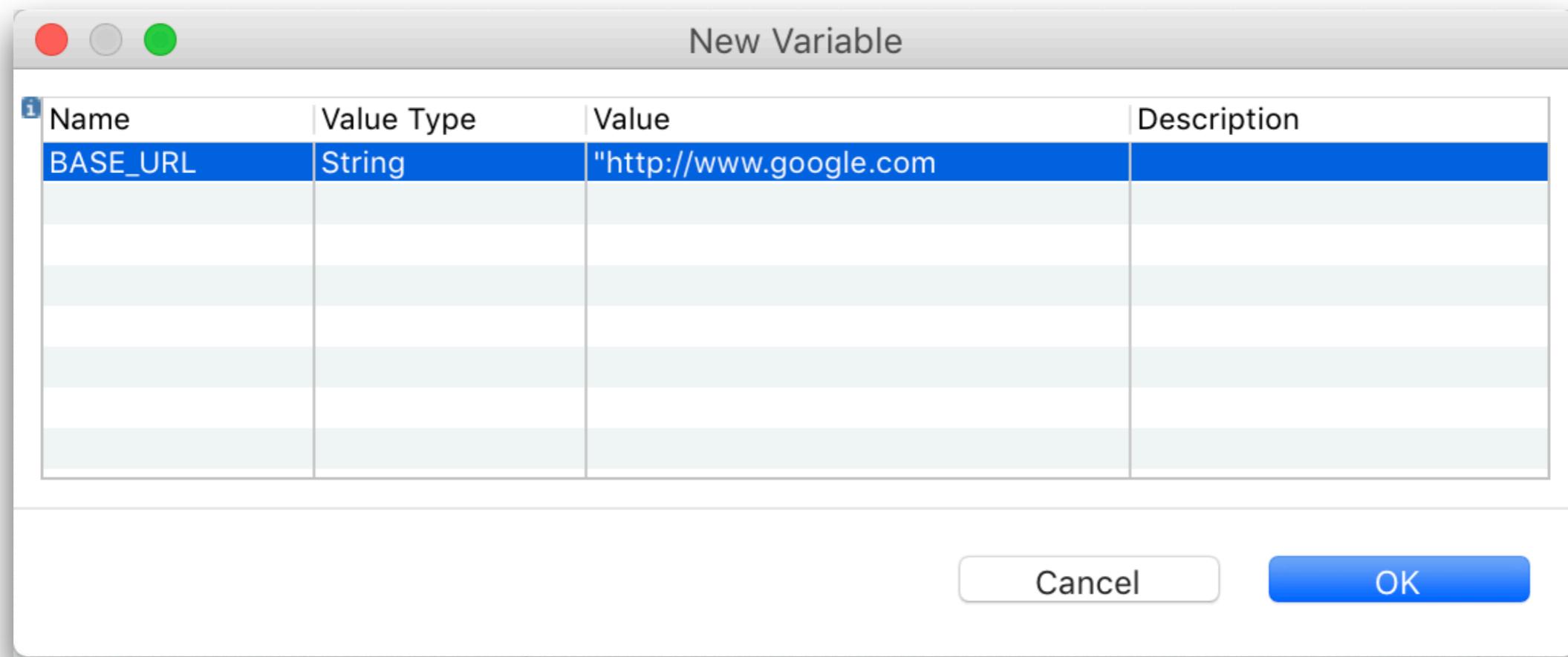
Test case variables

Using variables in test case



Global variables

Using variables in any test cases in the project
Add new variable in Profiles -> default



Global variables

Using variable in test case

Input

No.	Param Name	Param Type	Value Type	Value
1	rawUrl	String	Global Variable	GlobalVariable.BASE_URL

```
import com.kms.katalon.core.windows.keyword.Windows  
import internal.GlobalVariable as GlobalVariable  
import org.openqa.selenium.Keys as Keys  
  
WebUI.openBrowser(GlobalVariable.BASE_URL)  
  
WebUI.setText(findTestObject('Object Repository/Page'))
```

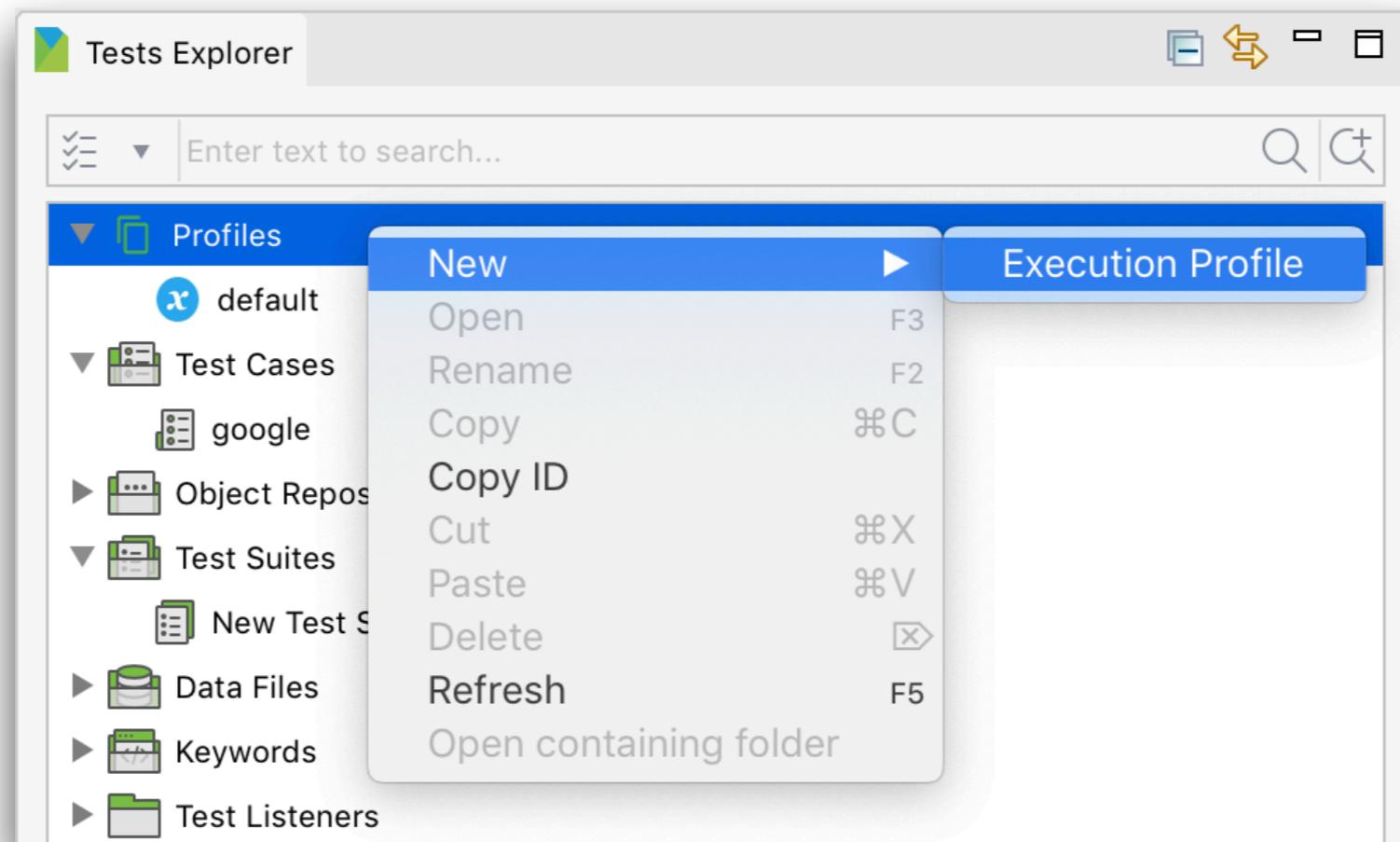


Profiles ?



Profiles

Local QA SIT UAT Pre-prod Prod



Reports



Install basic report plugins

<https://store.katalon.com/product/59/Basic-Report>

The screenshot shows the Katalon Store product page for the "Basic Report" plugin. At the top, there's a navigation bar with the Katalon Store logo, a search bar, and links for "Products", "Docs", and "Sign in". The main content area features a green icon with a chart and a magnifying glass. The title "Basic Report" is displayed next to a "FREE" badge. A brief description states: "Basic Report Plugin is a Custom Keyword that replaces for the current Report feature of Katalon Studio. Since version 6.1.5, the Report feature has been migrated to Basic Report plugin." Below the description are ratings (4 stars) and download counts (8.4K). A prominent blue "Install" button is highlighted with a red border. Below the main section, there are tabs for "Overview" (which is selected), "Q&A", "Reviews", and "Installation". The "Information" section includes links for "Project details", "Repository", "Documentation", and "Changelog".

Katalon Store

Search plugins Q Products Docs Sign in

Basic Report FREE

Basic Report Plugin is a Custom Keyword that replaces for the current Report feature of Katalon Studio. Since version 6.1.5, the Report feature has been migrated to Basic Report plugin.

★★★★★ 8.4K

Install

Overview Q&A Reviews Installation Information

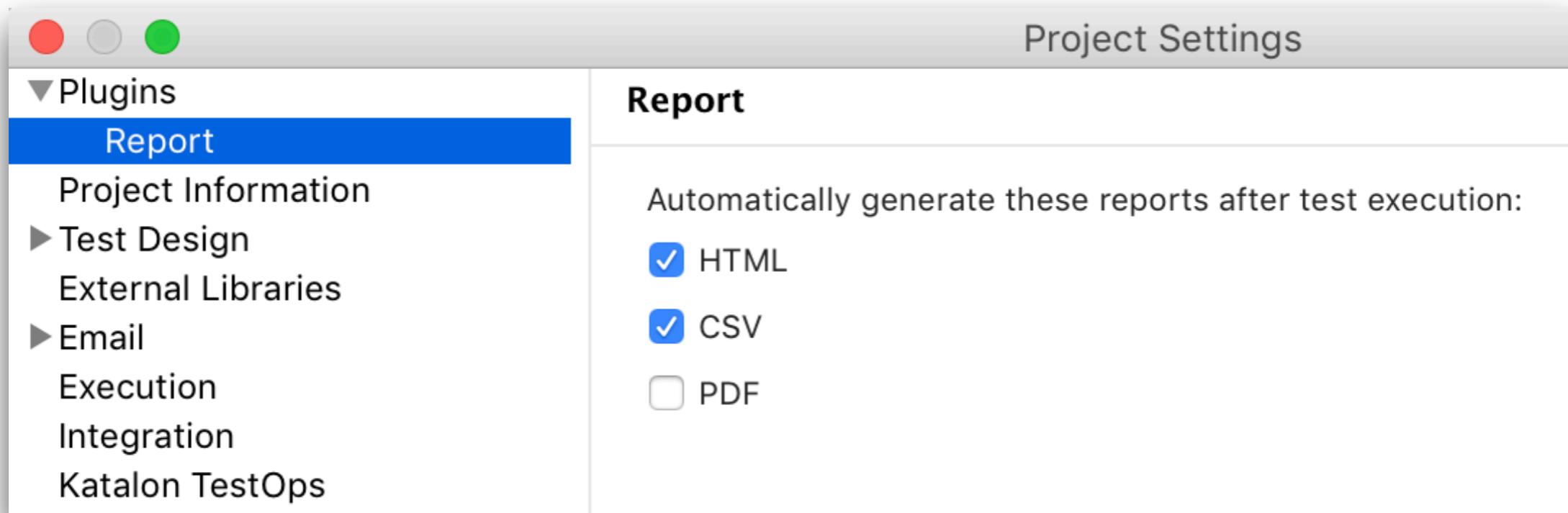
Basic Report Plugin is a Custom Keyword that replaces for the current Report feature of Katalon Studio. Since [version 6.1.5](#), the Report feature has been migrated to Basic Report plugin. Users need to install this plugin to continue using the feature.

Project details
Repository
Documentation
Changelog
Version



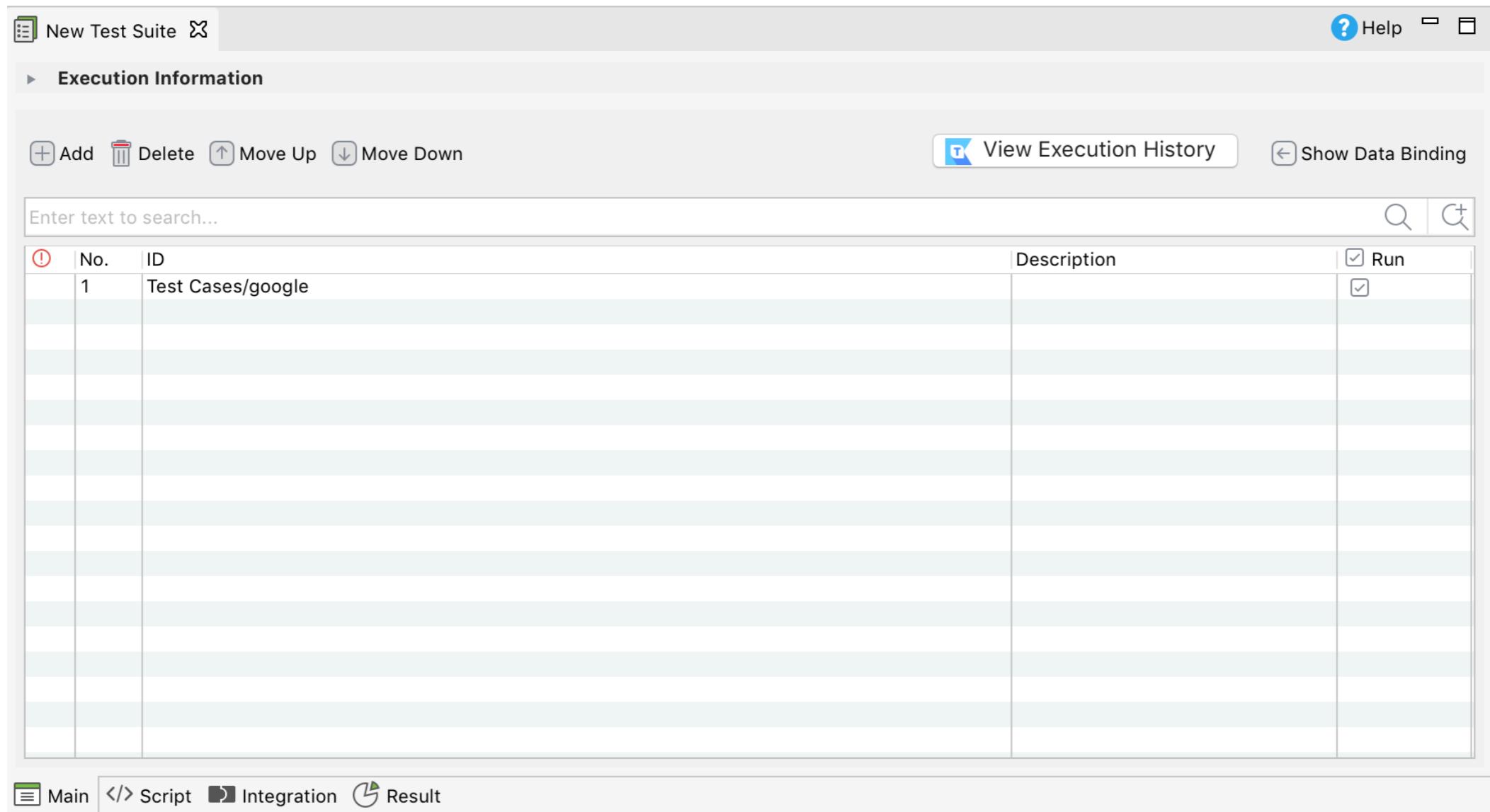
Check plug-in in project

Project -> Settings



Using basic report plug-in

Create new **test suite**
Add test cases to test suite



The screenshot shows a software window titled "New Test Suite". At the top, there is a toolbar with icons for "Help", "Add", "Delete", "Move Up", "Move Down", "View Execution History", and "Show Data Binding". Below the toolbar is a search bar with placeholder text "Enter text to search...". The main area contains a table with columns: "No.", "ID", "Description", and "Run". There is one row in the table with the following data:

No.	ID	Description	Run
1	Test Cases/google		<input checked="" type="checkbox"/>

At the bottom of the window, there are tabs labeled "Main", "</> Script", "Integration", and "Result".



Using basic report plug-in

Run test suite and see in Report tab

The screenshot shows the Katalon Studio interface. At the top, there's a toolbar with a 'New Test Suite' button, a help icon, and a close button. Below the toolbar is a 'Test Cases Table' section. It includes filter checkboxes for 'Passed', 'Failed', 'Error', and 'Incomplete' status, and buttons for 'Export report', 'Katalon TestOps', and 'Show Test Case Details'. A search bar with a magnifying glass icon is also present. The main table has columns for 'No.', 'Name', and 'Video'. One row is visible, labeled '1' and 'google (8.937s)'. Below the table is a summary section with tabs for 'Summary', 'Execution Settings', and 'Execution Environment'. The 'Summary' tab is selected, displaying the following data:

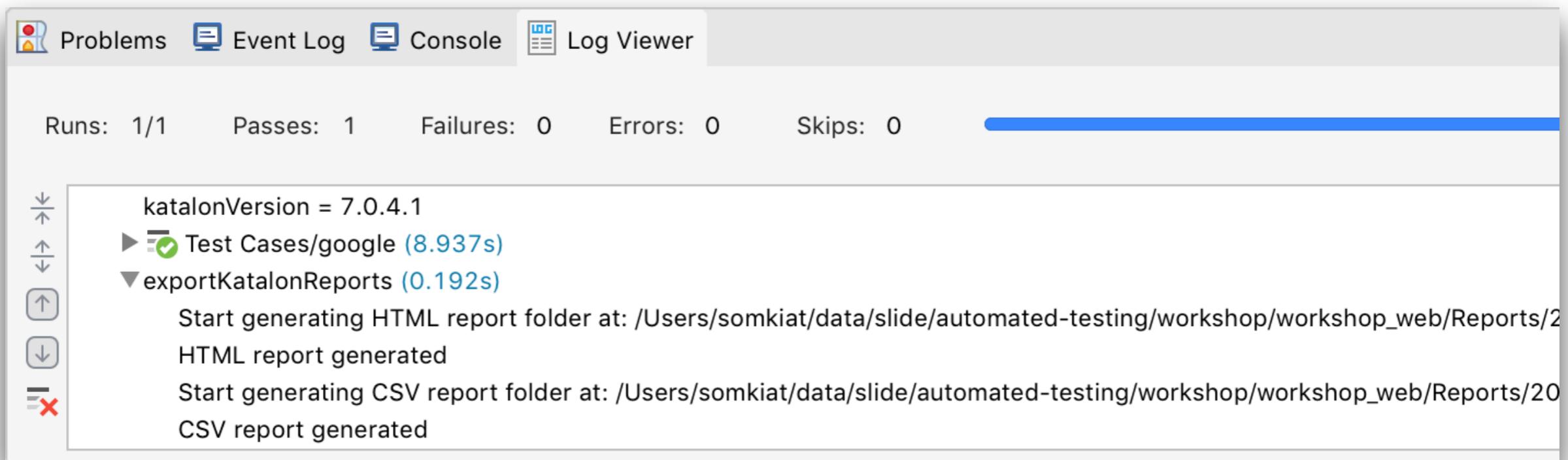
Test Suite ID	Test Suites/New Test Suite
Host name	somkiat - 172.20.10.12
Katalon version	7.0.4.1
Start	2019-10-28 23:36:13
Elapsed	9.295s
Total TC	1
Passed	1
Error	0
Failed	0
Incomplete	0

At the bottom, there are navigation tabs for 'Main', 'Script', 'Integration', and 'Result', along with a 'Help' button.



See report files

Open report files in folder **Reports**



The screenshot shows the Katalon Studio interface with the Log Viewer tab selected. The top bar displays navigation icons for Problems, Event Log, Console, and Log Viewer. Below the bar, summary statistics are shown: Runs: 1/1, Passes: 1, Failures: 0, Errors: 0, and Skips: 0. The main pane displays the log output:

```
katalonVersion = 7.0.4.1
▶ ➤ Test Cases/google (8.937s)
    ▼ exportKatalonReports (0.192s)
        Start generating HTML report folder at: /Users/somkiat/data/slide/automated-testing/workshop/workshop_web/Reports/2
        HTML report generated
        Start generating CSV report folder at: /Users/somkiat/data/slide/automated-testing/workshop/workshop_web/Reports/20
        CSV report generated
```

The log shows the execution of a single test case named "Test Cases/google" which took 8.937 seconds. This test case triggered the "exportKatalonReports" step, which completed in 0.192 seconds. The step involved generating both an HTML report and a CSV report in specified folders.



See report files

Open report files in folder Reports

Execution Environment

Host name: somkiat - 172.20.10.12
OS: Mac OS X 64bit
Katalon version: 7.0.4.1
Browser: Chrome 78.0.3904.70

Test Execution Log

TEST SUITE: New Test Suite Expand All

Full Name: New Test Suite
Start / End / Elapsed: 2019-10-28 23:36:13.319 / 2019-10-28 23:36:22.402 / 00:00:09.083
Status: 1 test total, 1 passed, 0 failed, 0 error, 0 incomplete

TEST CASE: Test Cases/google Expand All

Full Name: New Test Suite/Test Cases/google
Start / End / Elapsed: 2019-10-28 23:36:13.465 / 2019-10-28 23:36:22.402 / 00:00:08.937
Status: PASSED

TEST STEP: openBrowser(BASE_URL)
 TEST STEP: setText(findTestObject("Object Repository/Page_Google/input__q"), "katalon")
 TEST STEP: sendKeys(findTestObject("Object Repository/Page_Google/input__q"), Keys.chord(ENTER))
 TEST STEP: waitForElementVisible(findTestObject("Page_katalon - Google/div_ 535000 (039)"), 5)
 TEST STEP: result = getText(findTestObject("Page_katalon - Google/div_ 535000 (039)"))
 TEST STEP: println(result)
 TEST STEP: results = result.split(" ")
 TEST STEP: println(results[0])
 TEST STEP: println(results[1])
 TEST STEP: println(results[2])
 TEST STEP: println(results[3])
 TEST STEP: takeScreenshot("/Users/somkiat/data/slide/automated-testing/workshop/test_001.png")
 TEST STEP: closeBrowser()
 TEST STEP: verifyMatch(results[0], expectedResult, false)



Take screenshot



Take screenshot

Add keyword = Take Screenshot

Item	Object	Input	Output
1 - Open Browser		GlobalVariable.BASE_URL	
2 - Set Text	input_q	"katalon"	
3 - Send Keys	input_q	Keys.chord(Keys.ENTER)	
4 - Wait For Element Visible	div_535000 (039)	5	
5 - Get Text	div_535000 (039)		result
6 - Method Call Statement		println(result)	
7 - Binary Statement		results = result.split(" ")	
8 - Method Call Statement		println(results[0])	
9 - Method Call Statement		println(results[1])	
10 - Method Call Statement		println(results[2])	
11 - Method Call Statement		println(results[3])	
12 - Take Screenshot		/Users/somkiat/data/slide/automated-te	Filename of image
13 - Close Browser			
14 - Verify Match		results[0]; expectedResult; false	



Take screenshot

Writing in groovy code

```
println(results[3])  
  
WebUI.takeScreenshot('/Users/somkiat/data/slide/autotest/  
WebUI.closeBrowser()
```



Take screenshot

See in report files

☒ TEST STEP: `takeScreenshot("/Users/somkiat/data/slide/automated-testing/workshop/test_001.png")`

Start / End / Elapsed: 2019-10-28 23:36:21.716 / 2019-10-28 23:36:22.290 / 00:00:00.574
23:36:22.289 PASSED Taking screenshot successfully

Google katalon ลงชื่อเข้าสู่ระบบ

หั้งหนด วิดีโอ ค้นรูป แผนที่ ข่าวสาร เพิ่มเติม การตั้งค่า เครื่องมือ

ผลการค้นหาประมาณ 546,000 รายการ (0.36 วินาที)

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มาเทียนกันระหว่าง cypress กับ katalon ในการ Test UI - Medium
Medium › มาเทียนกันระหว่าง-cypress-กับ-katalon-ในการ-test-ui-cf9ff98...
7 ม.ค. 2562 - สวัสดีครับมานะกันอีกครั้งหลังจากครั้งแรกที่ผมได้เคยเขียน Blog เรื่อง การใช้ Katalon ทำ automate test android คุณๆ Teamcity ในไปนะครับ ...

มาลองทำ Automated Test กับ Katalon กันนะ - ปอจัง ขอบดีดพิณ ...
Medium › มาลองทำ-automated-test-กับ-katalon-กันนะ-d23ea7f43c3d...
28 ส.ค. 2560 - ทางท้ายไปนาน กับการแบ่งปันประสบการณ์ความรู้ วันนี้ขอจากผ่านๆ มาเสนอเครื่องมือที่ใช้สำหรับการทดสอบแบบอัตโนมัติครับผม Katalon คือ ...

วิดีโอ

Katalon Intelligent Test Automation
How to create First Automation Test
4:56

Katalon API Testing
Getting Started
1 18:33

Looking for results in English? [Change to English](#)
ใช้ภาษาภาษาไทยต่อไป
การตั้งค่าภาษา

Katalon Studio

ซอฟต์แวร์

แปลจากภาษาอังกฤษ - Katalon Studio เป็นโซลูชันการทดสอบอัตโนมัติแบบฟรีที่พัฒนาโดย Katalon LLC
ซอฟต์แวร์นี้สร้างขึ้นจากชิลเดิมระบบอัตโนมัติเพื่อเพิ่มประสิทธิภาพ การทดสอบแอปพลิเคชัน API เว็บเว็บมือถือและเดสก์ท็อป การเปิดตัวครั้งแรกในเดือนกันยายน 2016 ในปี 2018 ซอฟต์แวร์ได้ซื้อ 9% ... ลากพีเดีย (ภาษาอังกฤษ)
ดูคำอธิบายด้านบน ▾

☒ TEST STEP: `closeBrowser()`

☒ TEST STEP: `verifyMatch(results[0], expectedResult, false)`

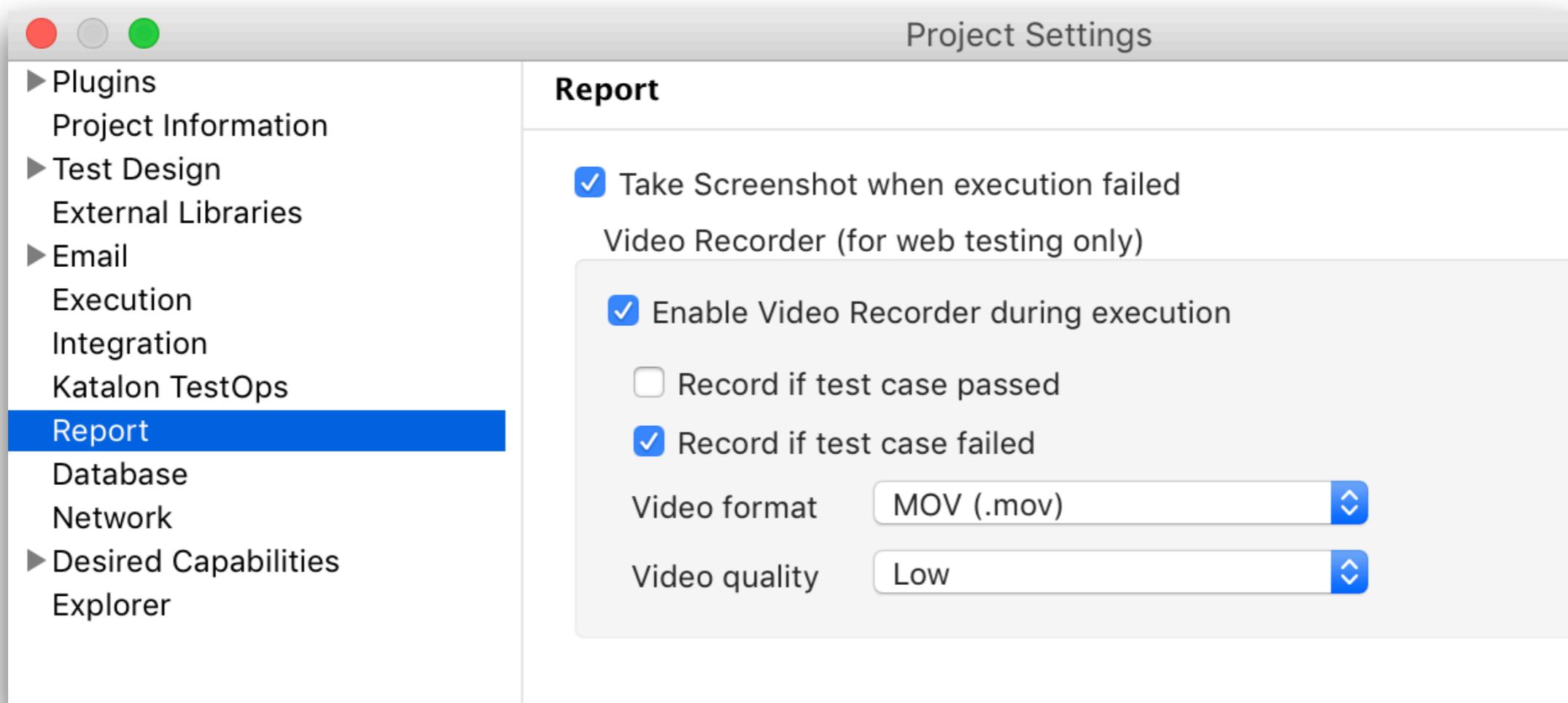


Video recorder



Video recorder (Web testing)

Project -> Settings



Data-driven testing



Test Life Cycle



Mobile testing



Mobile testing

In Katalon using Appium



The screenshot shows the official Appium website. At the top left is the "Appium" logo, and at the top right is a three-line menu icon. The main content area features a large "appium" logo with a blue circular icon to its left. Below the logo, the text "Automation for Apps" is displayed. To the left of the main content, there is a sidebar with a list of test cases under sections like "login sequence", "adding and manipulating a dream", and "log out user". A "Download Appium" button is prominently displayed in the center. At the bottom, there is a yellow banner for the "appium CONFERENCE" with the text "Join us for the official Appium Conference • 13-15 June 2019 • Bengaluru" and a "BOOK NOW" button.

<http://appium.io/>



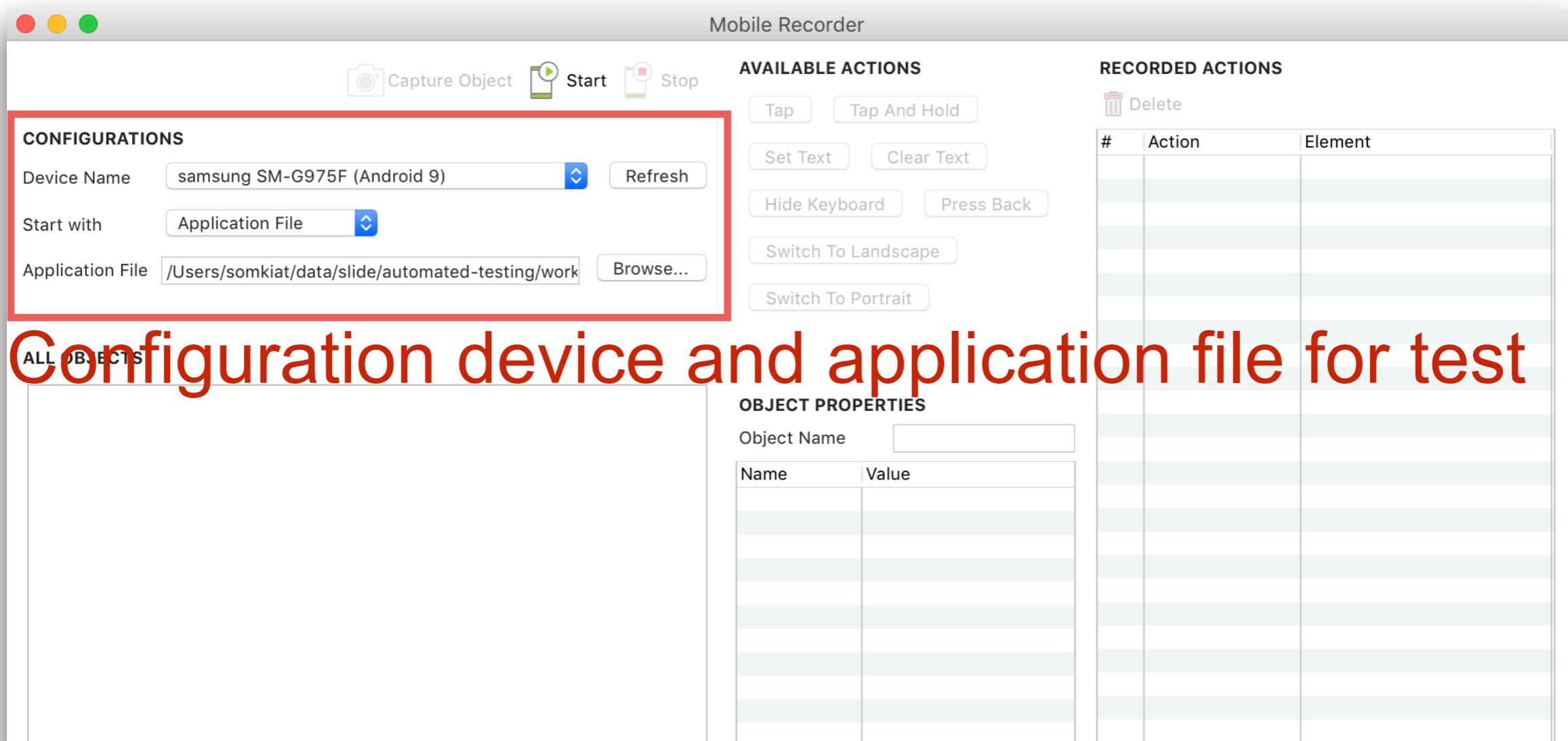
Install appium

```
$npm install -g appium
```



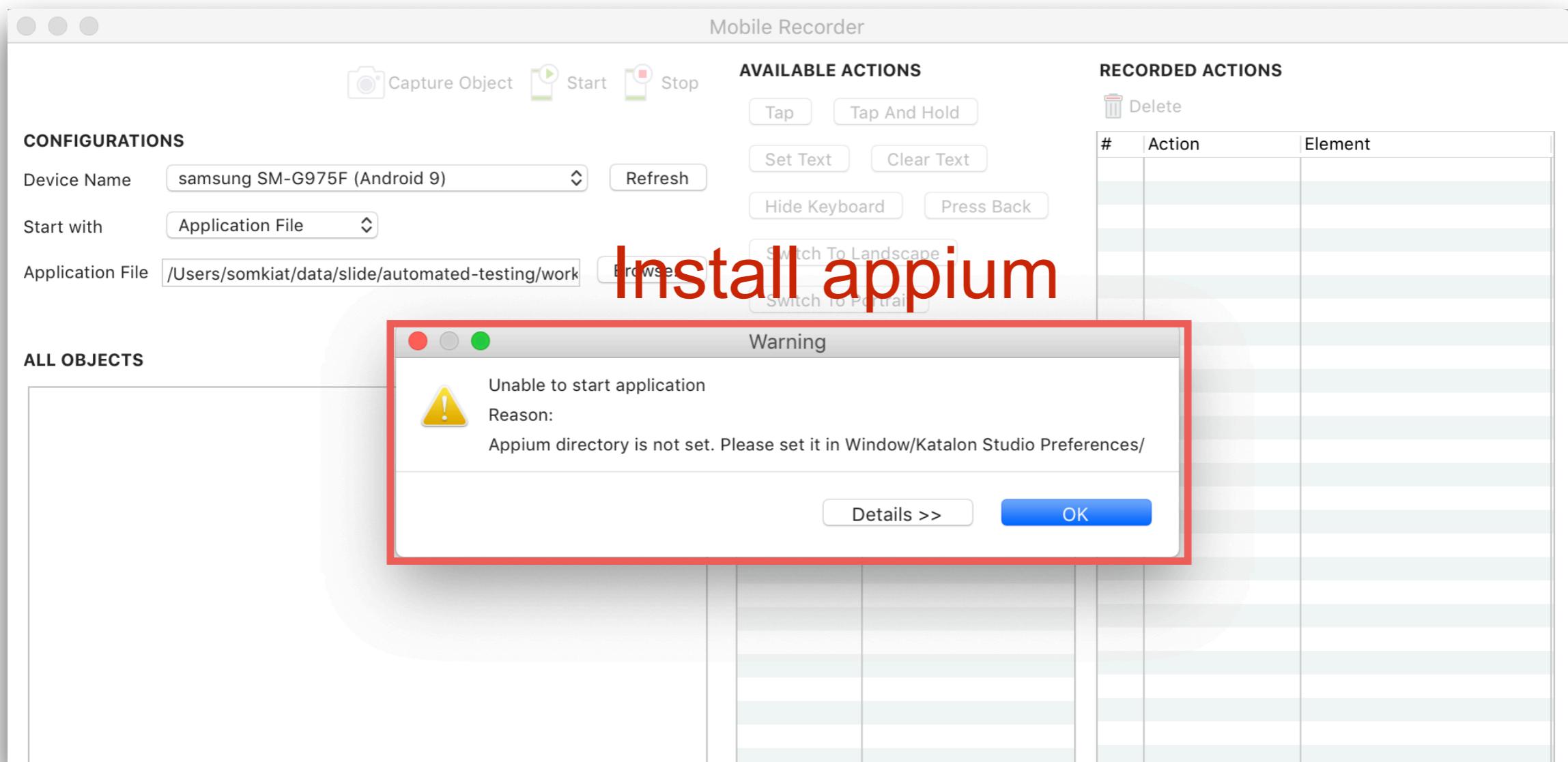
Mobile testing

New mobile project and record



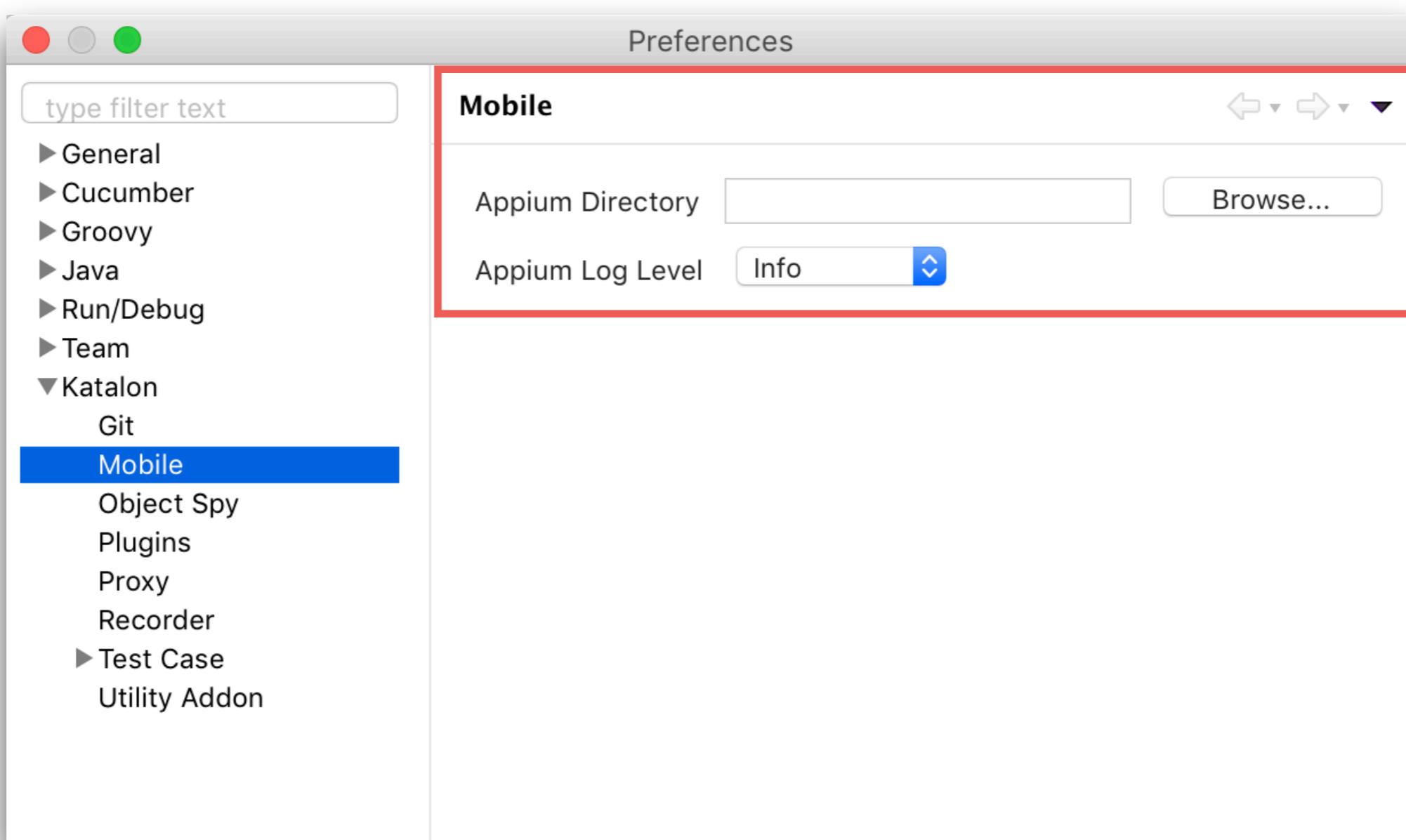
Mobile testing

Start record and see error message

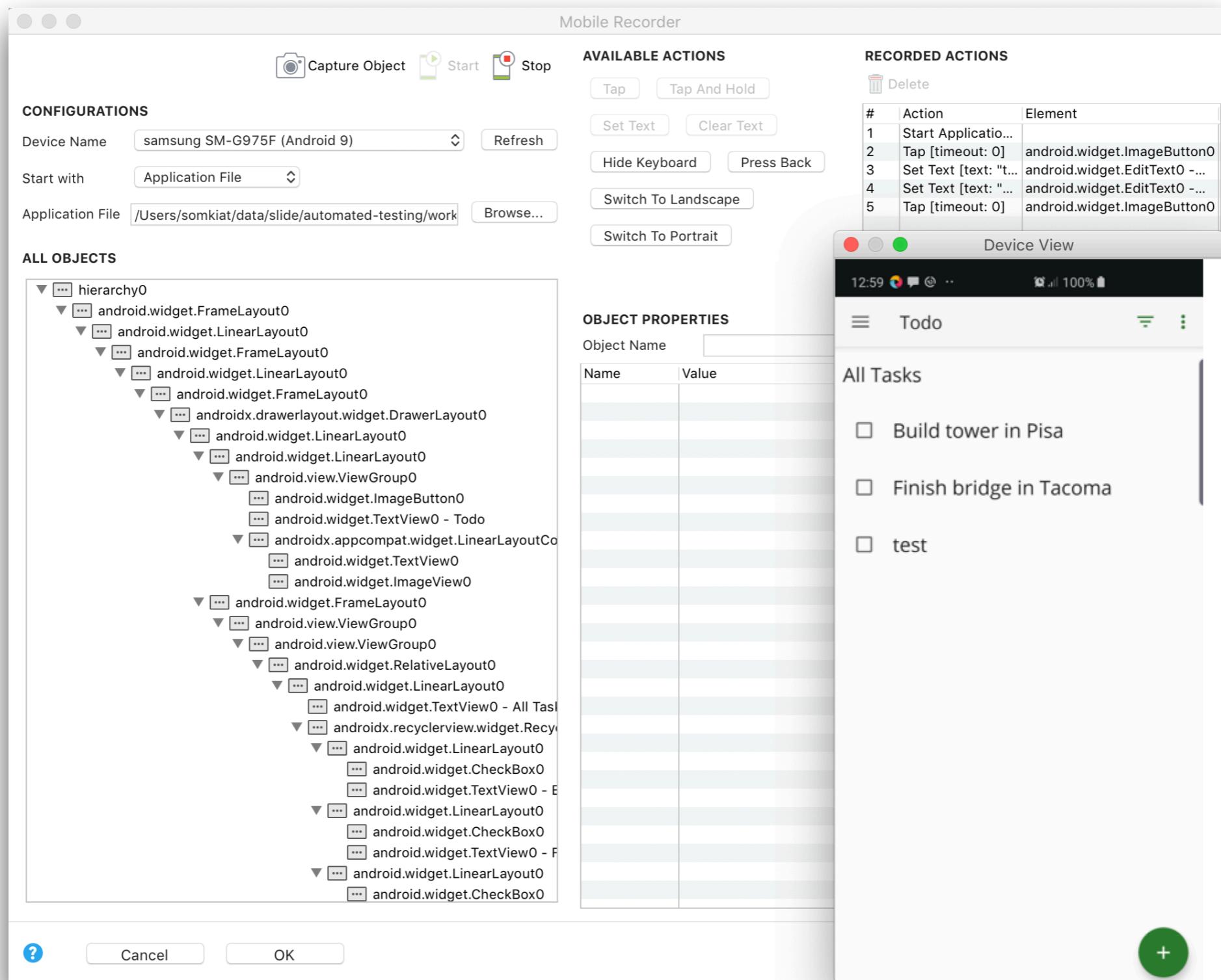


Config appium in Katalon

Windows-> Katalon Studio Preferences



Try to record mobile app



API testing

