User Guides

QA: https://test-site.foodtruck-qa.com
UAT: https://test-site.foodtruck-uat.com

Test Automation Platform

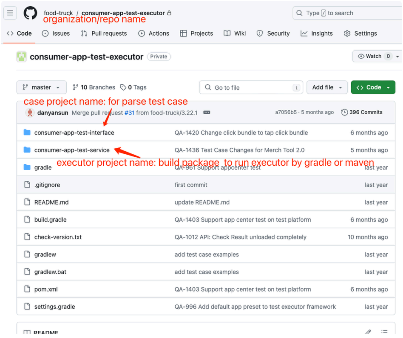
- Deploy test-daemon on mac mini
- Creating executor (github repo)
- Check if the app package exists？（site: http://192.168.11.38）
- Register project on test-site (wonder app or consumer-web))
- Make plan on test site
- Monitor device status on test-site (status: IDLE|BUSY|ERROR)

How to Register Project on Test site?

Step 1. Creating executor repo on github

- Naming format

	format	example	Remark
Github Organization	food-truck	`food-truck`	-
Github Repo Name	xxx-test-executor	`consumer-app-test-executor` 、 `consumer-web-test-executor`	-
Executor Project Name	xxx-test-service	`consumer-app-test-service`	build package to run executor by gradle or maven
Case Project Name	xxx-test-interface	`consumer-app-test-interface`	parse test cases
Case Package Name	xxx.xxx.xxx	`app.consumerappservice.wonder`	The package directory where the test case is located
branch	number.number.number	`1.0.0` `2.0.0`	branch:project version=1:1



food-truck / consumer-app-test-executor

organization/repo name

consumer-app-test-executor Private

master · 10 Branches · 0 Tags

case project name: for parse test case

danyansun Merge pull request #31 from food-truck/3.22.1 · a7056b5 · 5 months ago · 396 Commits

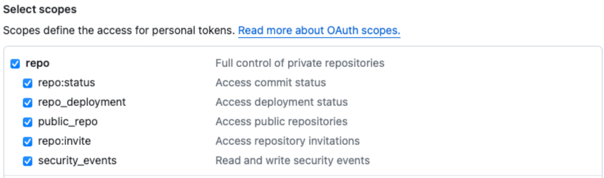
executor project name: build package to run executor by gradle or maven

consumer-app-test-interface	QA-1420 Change click bundle to tap click bundle	6 months ago
consumer-app-test-service	QA-1436 Test Case Changes for Merch Tool 2.0	5 months ago
gradle	QA-961 Support appcenter test	last year
.gitignore	first commit	last year
README.md	update README.md	last year
build.gradle	QA-1403 Support app center test on test platform	6 months ago
check-version.txt	QA-1012 API: Check Result unloaded completely	10 months ago
gradlew	add test case examples	last year
gradlew.bat	add test case examples	last year
pom.xml	QA-1403 Support app center test on test platform	6 months ago
settings.gradle	QA-996 Add default app preset to test executor framework	last year

Step 2: Creating a personal access token from gitgub

url : https://github.com/settings/tokens Connect your Github account

1. In the left sidebar, under **Personal access tokens**, click **Tokens (classic)**.
2. Select **Generate new token**, then click **Generate new token (classic)**.
3. In the "Note" field, give your token a descriptive name.
4. To give your token an expiration, select **Expiration**, then choose a default option or click **Custom** to enter a date.
5. Select the scopes you'd like to grant this token. To use your token to access repositories from the command line, select **repo**. A token with no assigned scopes can only access public information. For more information, see "Scopes for OAuth apps."



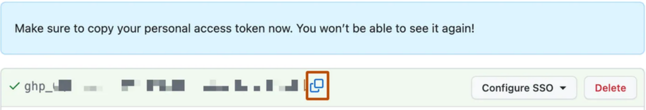
Select scopes

Scopes define the access for personal tokens. Read more about OAuth scopes.

☑ **repo**	Full control of private repositories
☑ repo:status	Access commit status
☑ repo_deployment	Access deployment status
☑ public_repo	Access public repositories
☑ repo:invite	Access repository invitations
☑ security_events	Read and write security events

8. Click **Generate token**.

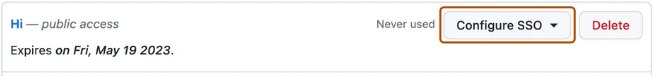
9. Optionally, to copy the new token to your clipboard, click



Make sure to copy your personal access token now. You won't be able to see it again!

✓ ghp_[redacted]

10. Next to the token you'd like to authorize, click **Configure SSO**. If you don't see **Configure SSO**, ensure that you have authenticated at least once through your SAML IdP to access resources on GitHub: Let's build from here . For more information, see "About authentication with SAML single sign-on."

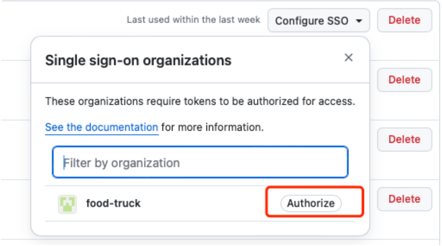


Hi — *public access*

Never used

Expires *on Fri, May 19 2023*.

11. In the dropdown menu, to the right of the organization you'd like to authorize the token for, click **Authorize**.



Last used within the last week

Single sign-on organizations

These organizations require tokens to be authorized for access.

See the documentation for more information.

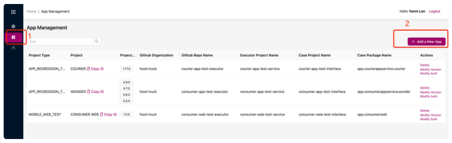
Filter by organization

food-truck

Step 3: Register project on test site?

URL: Wonder QA Automation Admin

1. Navigate to "APP Management" page
2. click "Add a New APP"



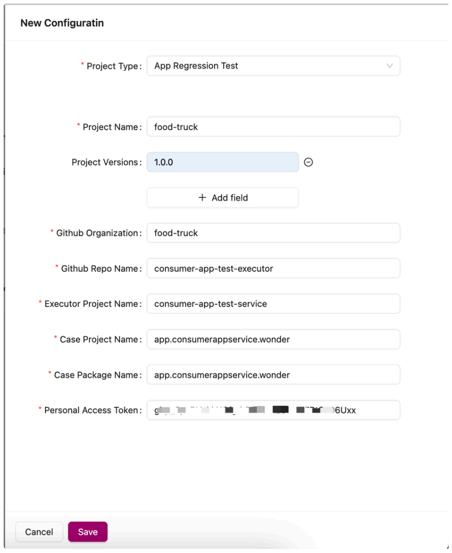
Home / App Management

Hello Yanni Lan Logout

App Management

Project Type	Project	Project...	Github Organization	Github Repo Name	Executor Project Name	Case Project Name	Case Package Name	Actions
APP_REGRESSION_T...	COURIER Copy ID	1.17.0	food-truck	courier-app-test-executor	courier-app-test-service	courier-app-test-interface	app.courierappservice.courier	Delete Modify Version Modify Auth
APP_REGRESSION_T...	WONDER Copy ID	4.8.0 4.7.0 4.6.0 4.5.0	food-truck	consumer-app-test-executor	consumer-app-test-service	consumer-app-test-interface	app.consumerappservice.wonder	Delete Modify Version Modify Auth
MOBILE_WEB_TEST	CONSUMER WEB Copy ID	1.0.0	food-truck	consumer-web-test-executor	consumer-web-test-service	consumer-web-test-interface	app.consumerweb	Delete Modify Version Modify Auth

3. on "New Configuration" : Binding project and executor.



New Configuratin

* Project Type :	App Regression Test
* Project Name :	food-truck
Project Versions :	1.0.0
* Github Organization :	food-truck
* Github Repo Name :	consumer-app-test-executor
* Executor Project Name :	consumer-app-test-service
* Case Project Name :	app.consumerappservice.wonder
* Case Package Name :	app.consumerappservice.wonder
* Personal Access Token :	g[redacted]6Uxx

How to run daemon on mac mini

How to deploy daemon on mac mini

Environmental Requirements

Tool	how to install ?	Env variable configuration	remark

homebrew	URL: Installation
	`#check install`
	`brew -v`
			required **install**

xcode	`xcode-select --install`
	`xcrun --version`
			Required install to use iPhone devices

libimobiledevice	`# via homebrew`
	`brew install libimobiledevice`
	
	`# or via port [port install:https://www.macports.or`
	`sudo port install libimobiledevice`
	
	`# check install`
	`ideviceinfo -v`
			Required install to use iPhone real devices

android studio	download from Download Android Studio & App Tools - Android Developers	`#  modify ~/.bash_profile, and add the fol`
		`echo 'export ANDROID_HOME=~/Library/Androi`
		`echo 'export PATH=$PATH:$ANDROID_HOME/plat`
		`source ~/.bash_profile`
		`#check install: adb`
		`adb version`
		`#check install: emulator`
		`emulator -version`
			Required install to use android devices

android virtual device: google	Create and manage virtual devices | Android Studio | Android Developers	Modify the key-value pair hw.device.manufacturer & hw.device.model in the `~/.android/avd/<avd_id>.avd/config.ini` file
		`# Modify the key-value pair hw.device.mar`
		`# demo:`
		`# avd_id=Samsung_Galaxy_S21`
		`# hw.device.manufacturer=Samsung`
		`# hw.device.model=Galaxy S21`
		`cd $(cat ~/.android/avd/<avd_id>.ini | gr`
		`sed -i '' '/hw.device.manufacturer/d' con`
		`echo "hw.device.manufacturer=<manufacture`
		`sed -i '' '/hw.device.model/d' config.ini`
		`echo "hw.device.model=<model>" >> config.`
		
		`# how to get avd_id`
		`emulator -list-avds`
			Required install to use android virtual devices

android virtual device : samsung	how to install android virtual device?	`# Modify the key-value pair hw.device.mar`
		`# demo:`
		`# avd_id=Samsung_Galaxy_S21`
		`# hw.device.manufacturer=Samsung`
		`# hw.device.model=Galaxy S21`
		`cd $(cat ~/.android/avd/<avd_id>.ini | gr`
		`sed -i '' '/hw.device.manufacturer/d' con`
		`echo "hw.device.manufacturer=<manufacture`
		`sed -i '' '/hw.device.model/d' config.ini`
		`echo "hw.device.model=<model>" >> config.`
		
		`# how to get avd_id`
		`emulator -list-avds`
			Required install to use samsung virtual devices

appium	- appium1
	`brew install node`
	`#check install`
	`node --version`
	
	`npm install -g appium`
	`#check install`
	`appium --version`
	- appium2
	`brew install node`
	`node --version`
	`npm install -g appium@next`
	`appium --version`
	`// Installing drivers`
	`appium driver install uiautomator2`
	`appium driver install xcuitest`
	`// npm install --global appium --drivers=xcuitest,u`
			Required install

iOS screen recording plugin	`# install or sudo port install ffmpeg`
	`brew install ffmpeg`
	`# check install`
	`ffmpeg -version`
			Required install to use iPhone devices

JDK17	Java Downloads | Oracle 中国
	`#check install`
	`java -version`
		`export JAVA_HOME=/Library/Java/JavaVirtual`
		`export CLASSPATH=$JAVA_HOME/lib/tools.jar:`
		`export PATH=$PATH:$JAVA_HOME/bin`
			Required install to run test-daemon & test-executor

build test daemon on development environment

- download test-daemon from Github Repo: https://github.com/food-truck/foodtruck-test-automation Connect your Github account
- on rootProject , run `./gradlew installDist -p test-daemon -Penv={env}`

```
#dev
./gradlew installDist -p test-daemon -Penv=dev
#uat
./gradlew installDist -p test-daemon -Penv=uat
```

- Navigate to a directory: {rootProject}/build/test-daemon/install, compressed into file `test-daemon.zip`

deploy test daemon on mac mini

- decompress `test-daemon.zip`
- run command: **nohup sh {} max_number_of_devices={} app_name={} 2>&1 &**

```
#dev
nohup sh ~/Documents/dev/test-daemon/bin/test-daemonmax_number_of_devices=3 app_name=WONDER > ~/Documents/dev/log/2024.04.01.log 2>&1 &

tail -f ~/Documents/dev/log/2024.04.01.log
```

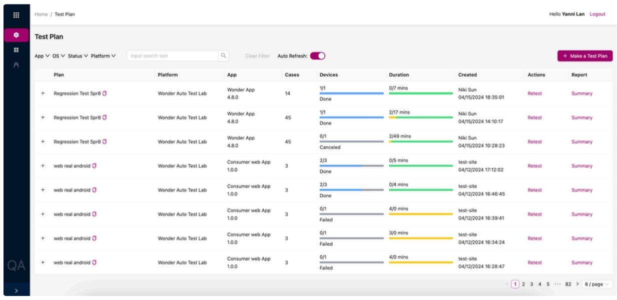
- kill test-daemon

```
#get pid
jps
#kill process
kill {pid}
```

How to make plan?

URL: Wonder QA Automation Admin

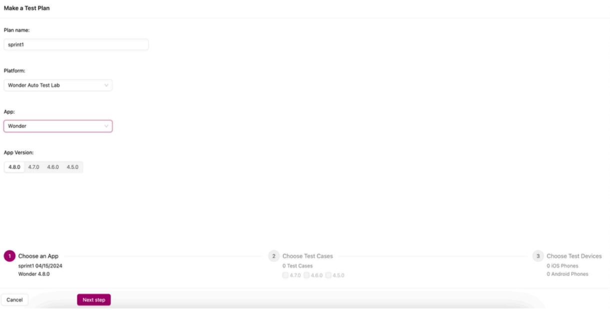
1. Navigate to "Test Plan Management" page
2. click "Make a Test Plan"



Test Plan

	Plan	Platform	App	Cases	Devices	Duration	Created	Actions	Report
+	Regression Test Spr8	Wonder Auto Test Lab	Wonder App 4.8.0	14	1/1 Done	0/7 mins	Niki Sun 04/15/2024 18:35:01	Retest	Summary
+	Regression Test Spr8	Wonder Auto Test Lab	Wonder App 4.8.0	45	1/1 Done	2/17 mins	Niki Sun 04/15/2024 14:10:17	Retest	Summary
+	Regression Test Spr8	Wonder Auto Test Lab	Wonder App 4.8.0	45	0/1 Canceled	2/49 mins	Niki Sun 04/15/2024 10:28:23	Retest	Summary
+	web real android	Wonder Auto Test Lab	Consumer web App 1.0.0	3	2/3 Done	0/5 mins	test-site 04/12/2024 17:12:02	Retest	Summary
+	web real android	Wonder Auto Test Lab	Consumer web App 1.0.0	3	2/3 Done	0/4 mins	test-site 04/12/2024 16:46:45	Retest	Summary
+	web real android	Wonder Auto Test Lab	Consumer web App 1.0.0	3	0/1 Failed	4/0 mins	test-site 04/12/2024 16:39:41	Retest	Summary
+	web real android	Wonder Auto Test Lab	Consumer web App 1.0.0	3	0/1 Failed	3/0 mins	test-site 04/12/2024 16:34:24	Retest	Summary
+	web real android	Wonder Auto Test Lab	Consumer web App 1.0.0	3	0/1 Failed	4/0 mins	test-site 04/12/2024 16:28:47	Retest	Summary

3. on "Make a test Plan" :
   - input plan name;
   - choose app & app version



Make a Test Plan

Plan name: sprint1

Platform: Wonder Auto Test Lab

App: Wonder

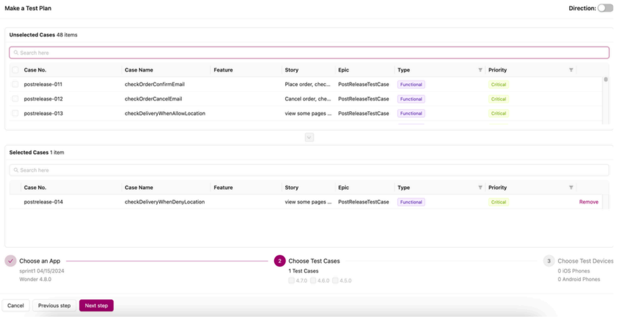
App Version: 4.8.0

1 Choose an App
sprint1 04/15/2024
Wonder 4.8.0

2 Choose Test Cases
0 Test Cases
□ 4.7.0 □ 4.6.0 □ 4.5.0

3 Choose Test Devices
0 iOS Phones
0 Android Phones

3. on "Make a test Plan" modal :
   - select cases



Make a Test Plan

Direction:

Unselected Cases 48 items

Search here

Case No.	Case Name	Feature	Story	Epic	Type	Priority
postrelease-011	checkOrderConfirmEmail		Place order, chec...	PostReleaseTestCase	Functional	Critical
postrelease-012	checkOrderCancelEmail		Cancel order, che...	PostReleaseTestCase	Functional	Critical
postrelease-013	checkDeliveryWhenAllowLocation		view some pages ...	PostReleaseTestCase	Functional	Critical

Selected Cases 1 item

Search here

Case No.	Case Name	Feature	Story	Epic	Type	Priority	
postrelease-014	checkDeliveryWhenDenyLocation		view some pages ...	PostReleaseTestCase	Functional	Critical	Remove

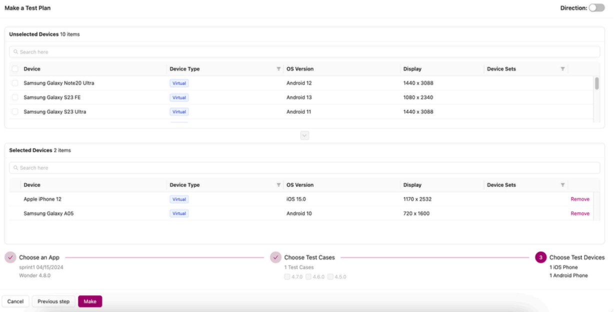
✓ Choose an App — sprint1 04/15/2024, Wonder 4.8.0

2 Choose Test Cases — 1 Test Cases, □ 4.7.0 □ 4.6.0 □ 4.5.0

3 Choose Test Devices — 0 iOS Phones, 0 Android Phones

Cancel | Previous step | Next step

3. on “Make a test Plan” modal :
    - select devices



Make a Test Plan

Direction:

Unselected Devices 10 items

Search here

Device	Device Type	OS Version	Display	Device Sets
Samsung Galaxy Note20 Ultra	Virtual	Android 12	1440 x 3088	
Samsung Galaxy S23 FE	Virtual	Android 13	1080 x 2340	
Samsung Galaxy S23 Ultra	Virtual	Android 11	1440 x 3088	

Selected Devices 2 items

Search here

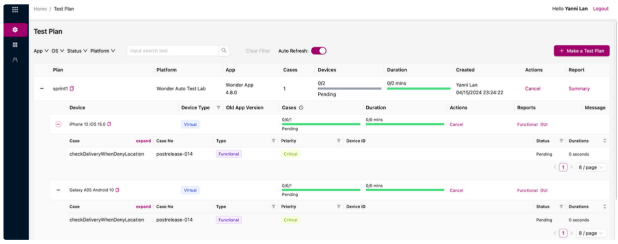
Device	Device Type	OS Version	Display	Device Sets	
Apple iPhone 12	Virtual	iOS 15.0	1170 x 2532		Remove
Samsung Galaxy A05	Virtual	Android 10	720 x 1600		Remove

✓ Choose an App — sprint1 04/15/2024, Wonder 4.8.0

✓ Choose Test Cases — 1 Test Cases, □ 4.7.0 □ 4.6.0 □ 4.5.0

3 Choose Test Devices — 1 iOS Phone, 1 Android Phone

Cancel | Previous step | Make



Home / Test Plan

Hello **Yanni Lan** Logout

Test Plan

App ∨ OS ∨ Status ∨ Platform ∨ | input search text | Clear Filter | Auto Refresh: | + Make a Test Plan

	Plan	Platform	App	Cases	Devices	Duration	Created	Actions	Report
−	sprint1	Wonder Auto Test Lab	Wonder App 4.8.0	1	0/2 Pending	0/0 mins	Yanni Lan 04/15/2024 23:24:22	Cancel	Summary

	Device	Device Type	Old App Version	Cases	Duration	Actions	Reports	Message
⊖	iPhone 12 iOS 15.0	Virtual		0/0/1 Pending	0/0 mins	Cancel	Functional GUI	

Case	expand	Case No	Type	Priority	Device ID	Status	Durations
checkDeliveryWhenDenyLocation		postrelease-014	Functional	Critical		Pending	0 seconds

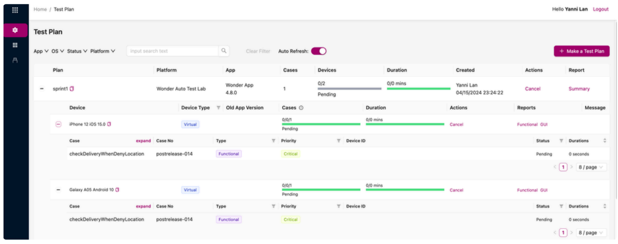
‹ 1 › 8 / page

	Device	Device Type	Old App Version	Cases	Duration	Actions	Reports	Message
−	Galaxy A05 Android 10	Virtual		0/0/1 Pending	0/0 mins	Cancel	Functional GUI	

Case	expand	Case No	Type	Priority	Device ID	Status	Durations
checkDeliveryWhenDenyLocation		postrelease-014	Functional	Critical		Pending	0 seconds

‹ 1 › 8 / page

3. on test plan page :
    - test plan : device task (1:n)



Home / Test Plan

Hello **Yanni Lan** Logout

Test Plan

App ∨ OS ∨ Status ∨ Platform ∨ | input search text | Clear Filter | Auto Refresh: | + Make a Test Plan

	Plan	Platform	App	Cases	Devices	Duration	Created	Actions	Report
−	sprint1	Wonder Auto Test Lab	Wonder App 4.8.0	1	0/2 Pending	0/0 mins	Yanni Lan 04/15/2024 23:24:22	Cancel	Summary

	Device	Device Type	Old App Version	Cases	Duration	Actions	Reports	Message
⊖	iPhone 12 iOS 15.0	Virtual		0/0/1 Pending	0/0 mins	Cancel	Functional GUI	

Case	expand	Case No	Type	Priority	Device ID	Status	Durations
checkDeliveryWhenDenyLocation		postrelease-014	Functional	Critical		Pending	0 seconds

‹ 1 › 8 / page

	Device	Device Type	Old App Version	Cases	Duration	Actions	Reports	Message
−	Galaxy A05 Android 10	Virtual		0/0/1 Pending	0/0 mins	Cancel	Functional GUI	

Case	expand	Case No	Type	Priority	Device ID	Status	Durations
checkDeliveryWhenDenyLocation		postrelease-014	Functional	Critical		Pending	0 seconds

‹ 1 › 8 / page