

CircleCI

Operate an Appvance Test Scenario from CircleCI using the Appvance IQ Plugin.

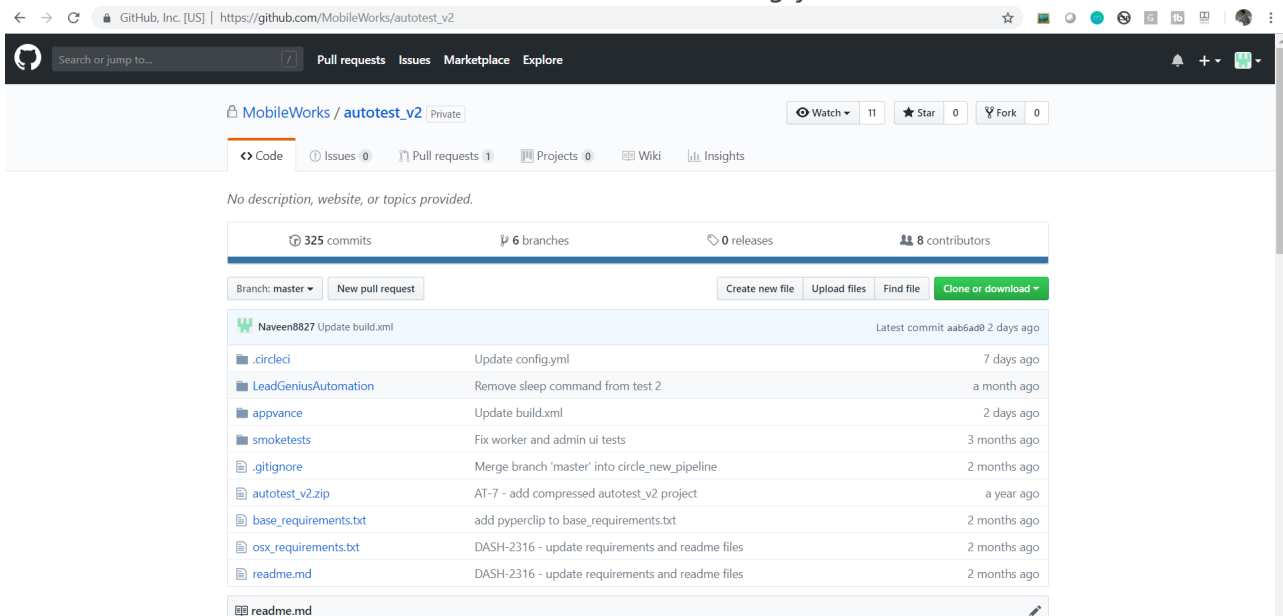
Appvance IQ Test scenarios can be run from CircleCI integration using a CIPlugin that Appvance provides. CIPlugin enabled you to start test scenarios from the YAML tag (CI Tools).

Prerequisites

- Appvance CI Plugin
- Java 1.8
- Scripts and Appvance Test scenario created and available
- Active GitHub account
- Circle CI that is tied to the GitHub account

Running the test scenario

1. Create a project in your GitHub account.
2. Create a folder called CircleCI with the file called config.yml.



3. Config.yml should have the minimum following details in it:

```
# Python CircleCI 2.0 configuration file
```

more details

executeScenario

```
#

# Check https://circleci.com/docs/2.0/language-python/ for

#

jobs:

build:

docker:

- image: circleci/java:8-jdk

working_directory: ~/repo

steps:

- checkout

- run:

name: Install ant

command: |

sudo apt-get install -y ant

echo 'ant installed.'

cd /home/circleci/repo/appvance/scenario1

ant -buildfile build.xml -DbuildNumber=$CIRCLE_WORKFLOW_ID

cd /home/circleci/repo/appvance/scenario2

ant -buildfile build.xml -DbuildNumber=$CIRCLE_WORKFLOW_ID
```

executeScenario

```
no_output_timeout: 2h

- save_cache:

key: deps1_{{ .Revision }}

paths:

- ~/repo

workflows:

version: 2

build_and_test:

jobs:

- build

- dev:

requires:

- build

filters:

branches:

only:

- /feature-.*/
```

4. This is going to install JDK 8, Install ant that is required to build **AppvanceRestClientWithDeps.jar**, and call the **build.xml** which internally runs the scenarios that are mentioned
5. Create a folder called appvance and inside have **build.xml** file and **localhost.json** files per scenario for better organizing

MobileWorks / autotest_v2 Private

Watch

11

Star

0

Fork

0

Code

Issues0

Pull requests1

Projects0

Wiki

Insights

Branch: master

autotest_v2 / appvance /

Create new file

Upload files

Find file

History

Naveen8827 Update build.xml

Latest commit aab6ad0 2 days ago

..

scenario1

Update build.xml

3 days ago

scenario2

Update build.xml

2 days ago

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autotest_v2 / appvance / scenario1 /

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History

Naveen8827 Update build.xml

Latest commit bbb12cc 3 days ago

..

build.xml

Update build.xml

3 days ago

localhost.json

Update localhost.json

3 days ago

build.xml would have the following details.

```
<project name="Lead Genius CI" default="addDeps" basedir=". ">

<description>Lead Genius Blueprint Circle CI</description>

<property name="aiqCreds" value="localhost.json" />

<property name="scenarioName" value="ScenarioFiles/Scenario1.scenario"/>

<property name="resourcesDir" value=". "/>

<target name="init">

<path id="IvyPath">

<pathelement location="AppvanceRestClientWithDeps.jar"/>

</path>

</target>
```

```
<target name="setup" depends="init">

<get src="https://s3-us-west-
2.amazonaws.com/appvanceivy/projects/AppvanceRestClientWithDeps/master/latest/ivy" dest
="AppvanceRestClientWithDeps.jar"/>

<taskdef name="blueprintEcho" classname="com.appvance.blueprint.BlueprintEcho" >

<classpath refid="IvyPath"/>

</taskdef>

<blueprintEcho message="Setting up blueprint ant tasks ..." />

</target>

<target name="executeScenario" depends="setup">

<taskdef name="runScenario" classname="com.appvance.ci.ExecuteScenario" >

<classpath refid="IvyPath"/>

</taskdef>

<runScenario scenario="${scenarioName}"

aiqCreds="${aiqCreds}"

dir="${resourcesDir}"/>

</target>

</project>
```

The file is self-explanatory and the scenario name is something that needs to be changed along with the path.

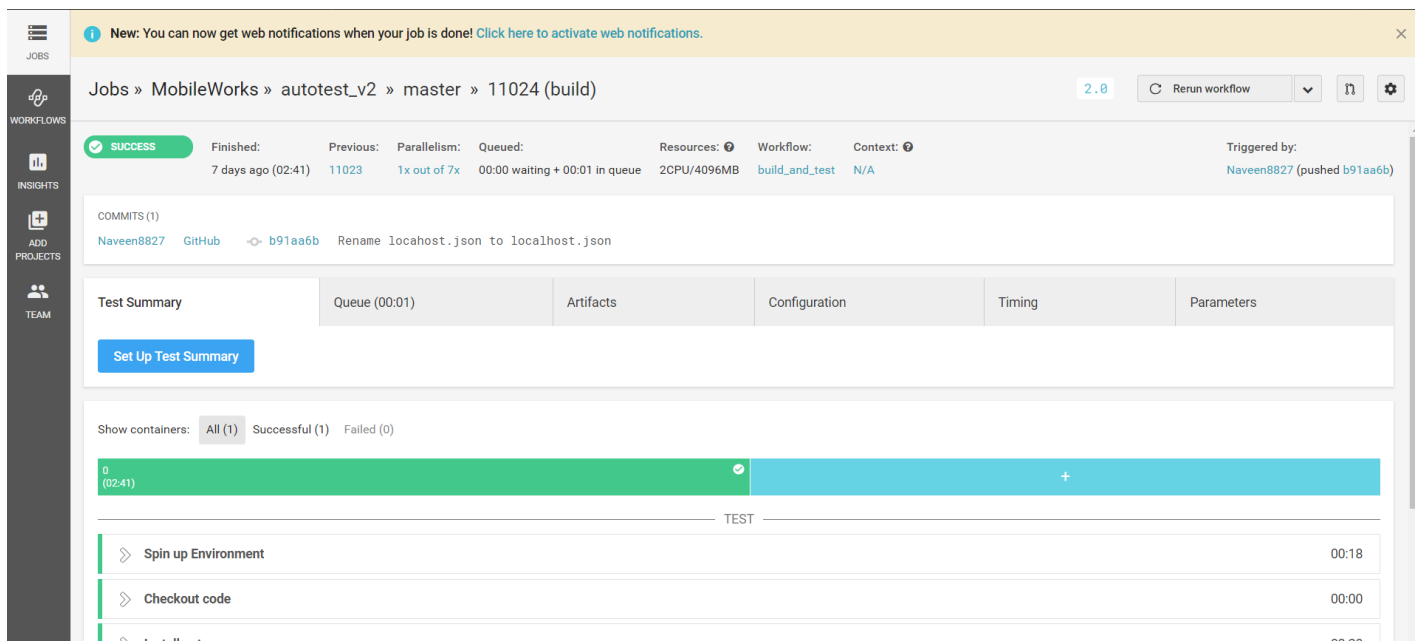
localhost.json would have the following details

```
{  
  
  "controller":{  
  
    "url":"http://ec2-x-x-x-x.us-west-2.compute.amazonaws.com:8080",  
  
    "username": "appvance",  
  
    "password": "appvance",  
  
    "workFolder":"/MyWorkdirectory/"  
  
  }  
  
}
```

URL of the controller has to be changed and also the workFolder of the scenarios to be changed.

Any changes done to the files will initiate a build-in CircleCI.

You can go to your CircleCI Account after all these configurations are done in Github and the jobs can be run from CircleCI.



New: You can now get web notifications when your job is done! [Click here to activate web notifications.](#)

Jobs » MobileWorks » autotest_v2 » master » 11024 (build) 2.0 [Rerun workflow] [Dropdown] [Icon] [Settings]

SUCCESS Finished: 7 days ago (02:41) Previous: 11023 Parallelism: 1x out of 7x Queued: 00:00 waiting + 00:01 in queue Resources: 2CPU/4096MB Workflow: build_and_test Context: N/A Triggered by: Naveen8827 (pushed b91aa6b)

COMMITTS (1)
Naveen8827 GitHub -> b91aa6b Rename localhost.json to localhost.json

Test Summary	Queue (00:01)	Artifacts	Configuration	Timing	Parameters
Set Up Test Summary					

Show containers: All (1) Successful (1) Failed (0)

Container	Status	Duration
0 (02:41)	Successful	02:41

TEST

Step	Duration
Spin up Environment	00:18
Checkout code	00:00
Install ant	02:20

After the successful execution, go to the Install Ant section which will display all the logs and the link to navigate to Reports of the test run.

You can copy-paste the link in your favorite browser to check the results in details

← → ↻ https://circleci.com/gh/MobileWorks/autotest_v2/11024 ☆

MobileWorks Updates Support

1 New: You can now get web notifications when your job is done! [Click here to activate web notifications.](#)

Jobs » MobileWorks » autotest_v2 » master » 11024 (build) 2.0 Rerun workflow

0 (02:41)

```
[runScenario] Sending resources.
[runScenario] Nodes loaded.
[runScenario] Executing iteration Iteration1
[runScenario] Setting up iteration.
[runScenario] Ramp up completed.
[runScenario] Ramping down started.
[runScenario] Tearing down iteration.
[runScenario] localhost is committing to database.
[runScenario] The iteration has completed.
[runScenario] Final Results : 1.(Successes= 1, Failures= 0).
[runScenario] Elapsed time = 1 minutes
[runScenario] Execution done in 1 minutes 57 seconds.
[runScenario] Done.
[runScenario] Success= 1, Failures= 0
[runScenario] Reports URL: http://ec2-34-220-61-12.us-west-2.compute.amazonaws.com:8080/Appvance/testcasecount.html?config=-410302301&exeId=1540504356856
[runScenario] Creating junit reports for 1 transaction(s) in /home/circleci/repo/appvance/scenario2/junit
[runScenario] Writing JUnit report/home/circleci/repo/appvance/scenario2/junit/report-Testapple-0000.xml

BUILD SUCCESSFUL
Total time: 2 minutes 18 seconds
```

Saving Cache 00:01

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If you have any feedback on this topic, please contact us at documentation@appvance.ai

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