

Background

I wrote API tests for finding weather conditions of Bondi Beach defined in <https://www.weatherbit.io/api/> to

- Find weather forecast for Bondi Beach
- Find weather forecast for Bondi Beach for the next given number of days
- Find if it had rained on the previous day
- Find if current temperature is between 20 to 30 degrees at Bondi beach and
- Find if it will snow in next 14 days

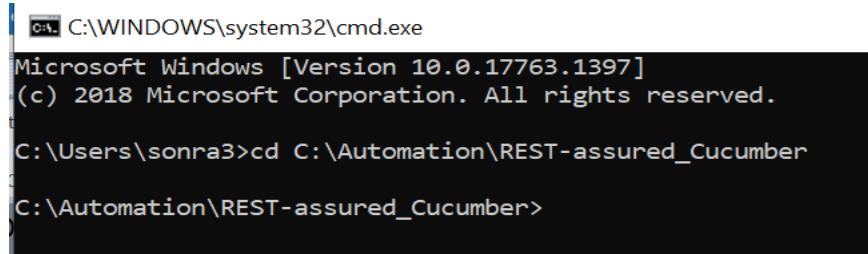
Tools/ Library Used

- Rest-assured library
- Cluecumber report plugin

How to Execute?

Please follow below steps:

1. Ensure that Java and Maven is available on the machine.
2. Extract all the files from ZIP.
3. Launch Command Prompt.
4. Navigate to the project directory in CMD.

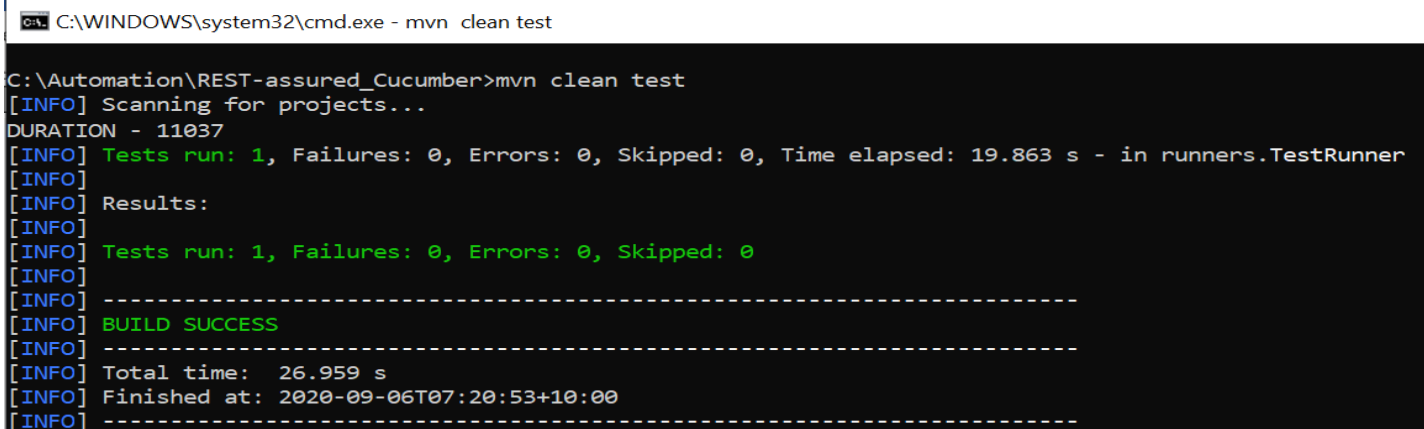


```
C:\WINDOWS\system32\cmd.exe
Microsoft Windows [Version 10.0.17763.1397]
(c) 2018 Microsoft Corporation. All rights reserved.

C:\Users\sonra3>cd C:\Automation\REST-assured_Cucumber
C:\Automation\REST-assured_Cucumber>
```

5. Once done, run the below Maven command to trigger execution:

- ***mvn clean test***



```
C:\WINDOWS\system32\cmd.exe - mvn clean test

C:\Automation\REST-assured_Cucumber>mvn clean test
[INFO] Scanning for projects...
DURATION - 11037
[INFO] Tests run: 1, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 19.863 s - in runners.TestRunner
[INFO] Results:
[INFO] Tests run: 1, Failures: 0, Errors: 0, Skipped: 0
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 26.959 s
[INFO] Finished at: 2020-09-06T07:20:53+10:00
[INFO] -----
```

6. Once the execution is over, it's time to generate Report by using below command.

mvn clucumber-report:reporting

```
[INFO] -----< io.weatherbit:weather-forecast >-----
[INFO] Building REST-assured_Cucumber 1.0
[INFO] -----[ jar ]-----
[INFO] --- clucumber-report-plugin:1.8.0:reporting (default-cli) @ weather-forecast ---
[INFO] -----
[INFO] Clucumber Report Maven Plugin, version 1.8.0
[INFO] -----
[INFO] - source JSON report directory      : C:\Automation\REST-assured_Cucumber\target\json-cucumber-reports
[INFO] - generated HTML report directory  : C:\Automation\REST-assured_Cucumber\target\generated-report
[INFO] -----
[INFO] - expand before/after hooks        : false
[INFO] - expand step hooks                 : true
[INFO] - expand doc strings                : false
[INFO] -----
[INFO] => Clucumber Report: C:\Automation\REST-assured_Cucumber\target\generated-report\index.html
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time:  1.339 s
[INFO] Finished at: 2020-09-06T07:25:24+10:00
[INFO] -----
```

7. Once the execution is over, open the index.html file from path highlighted in above screenshot.

Execution Results

Once execution is completed successfully, HTML report will be generated, and will look like below:

Scenario Summary | All Features | All Tags | All Steps | Scenario Sequence

2020/09/06 07:25:23

All Scenarios

Scenario Result Chart

passed failed skipped

Scenario Summary

1 Scenario(s):
1 ✓ 0 ✗ 0 ⚡

Duration: 0m 10s 815ms

Passed Scenarios ✓

Show 25 entries

Search:

Feature	Scenario	Duration
Verify weather information	Verify weather information for a happy holidaymaker	0m 10s 815ms

Showing 1 to 1 of 1 entries

Previous 1 Next

Clucumber Report Plugin version 1.8.0 - Report generated on 2020/09/06 07:25:23.

Verify weather information

Verify weather information for a happy holidaymaker

