**KARATE FRAMEWORK**

Karate Jar file : <https://dl.bintray.com/ptrthomas/karate/>

IntelliJ Download : <https://www.jetbrains.com/idea/download/#section=windows>

Karate Documentation : <https://github.com/intuit/karate>

pom.xml : project object model

Theme:

File🡪Setting🡪Appearance🡪Select Dragula

Install Plugin:

File🡪Setting🡪Plugin🡪 search “Cucumber for java” And Gherkin

After adding dependencies🡪Goto Project🡪right click🡪Maven🡪Select reimport

Simple GET call

Feature: Get user details  
 @user  
 Scenario: Getting user details  
 Given url **'https://reqres.in/api/users/2'** When method **get** Then status **200** \* print **respone**

import com.intuit.karate.KarateOptions;  
import com.intuit.karate.junit4.Karate;  
import org.junit.runner.RunWith;  
  
//@KarateOptions(tags = "@user")  
@RunWith(Karate.class)  
public class TestRunner {  
}

Variables || Actions || Response || Assert || Re-use || Types

"response" keyword and "print" feature

Validate API response (Full JSON comparison)

How to define variables in feature file

How to read external file

How to check the value of a field in the response

How to compare the full Json except a single filed/ few fields or 'ignore' feature

Presence or absence of a field in the response / how to store the value of a field from response in a variable.

Feature: Get user details  
 @user  
 Scenario: Getting user details  
 Given url **'https://reqres.in/api/users/2'** When method **get** Then status **200** And print **response** Then match **response == {"data":{"id":2,"email":"janet.weaver@reqres.in","first\_name":"Janet","last\_name":"Weaver","avatar":"https://s3.amazonaws.com/uifaces/faces/twitter/josephstein/128.jpg"},"ad":{"company":"StatusCode Weekly","url":"http://statuscode.org/","text":"A weekly newsletter focusing on software development, infrastructure, the server, performance, and the stack end of things."}}** Given def **var** = **'test'** \* print **var** @user  
 Scenario: Getting user details  
 Given url **'https://reqres.in/api/users/2'** When method **get** Then status **200** And print **response** \* def **expected** = **read('result.json')** And match **response == expected** And match **response.data.id == 2** And match **response.data.last\_name != null** \* def **job\_code** = **response.data.job\_code** \* print **job\_code** \* print **'Hello'** And match **job\_code == null**

Maven Execution :

mvn clean test -P=UserOperations

[

{"email": "vgh1@vgh.com"},

{"email": "vgh2@vgh.com"},

]