Aim: To Perform the dynamic in Junit

Code:

package com.app.junit;

import org.junit.jupiter.api.Assertions;

import static org.junit.jupiter.api.DynamicTest.dynamicTest;

import java.util.Arrays;

import java.util.List;

import java.util.stream.Stream;

import org.junit.jupiter.api.DynamicContainer;

import org.junit.jupiter.api.DynamicNode;

import org.junit.jupiter.api.TestFactory;

public class DynamicContainerDemo {

// create a method of type List which will return a List of String Inputs

private List<String> createInputList()

{

return Arrays.asList("race","mom","dad","test");

}

// write code and annotations to create Dynamic Container which will have Dynamic Tests

@TestFactory

public Stream<DynamicNode> dynamictestwithDynamicContainer()

{

return createInputList().stream()

.map(input ->

DynamicContainer.dynamicContainer("Container For " + input, Stream.of(

dynamicTest("not Null", () -> Assertions.assertNotNull(input)),

DynamicContainer.dynamicContainer("properties test", Stream.of(

dynamicTest("length > 0", () -> Assertions.assertTrue(input.length() > 0)),

dynamicTest("not empty", () -> Assertions.assertFalse(input.isEmpty()))

))

)));

}

}

OUTPUT:

