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**Makaia Framework Assignment**

**Objective**

Learn how to create an issue in Jira and verify the results using the Makaia Framework.

**Expected Completion Time**

* Best Case: 30 minutes
* Average Case: 45 minutes

**Prerequisites**

* Jira API credentials
* Jira project key and issue type ID

**Steps**

**1. Setup Jira API Credentials**

Obtain your Jira API credentials:

* **Base URL**: https://<your\_domain>.atlassian.net
* **Username**: Your Jira email
* **API Token**: Generated from your Jira account

**2. Create a New Issue in Jira**

**Step-by-Step Guide**

**Step 1: Initialize the Makaia Framework**

Ensure that the Makaia Framework is properly set up and imported in your development environment/Workspace.

**Step 2: Create a New Test Class**

Create a new test class named TC001\_CreateJiraIssue.java in the ***tests.rest*** package.

public class TC001\_CreateJiraIssue {

@Test

public void createIssue() {

// Set base URI

RestAssured.baseURI = "https://<your\_domain>.atlassian.net/rest/api/2/issue";

//Use authentication as ***preemptive().basic("<your\_email>", "<api\_token>")***

// Send POST request to create an issue

// Create request payload

requestBody = "{\n" +

" \"fields\": {\n" +

" \"project\": {\n" +

" \"key\": \"<project\_key>\"\n" +

" },\n" +

" \"summary\": \"REST API Issue\",\n" +

" \"description\": \"Creating an issue via REST API\",\n" +

" \"issuetype\": {\n" +

" \"id\": \"<issue\_type\_id>\"\n" +

" }\n" +

" }\n" +

"}";

}

}

Replace <your\_domain>, <project\_key>, <issue\_type\_id>, <your\_email>, and <api\_token> with your actual Jira credentials and project details.

**Step 3: Run the Test**

Execute the test using your preferred method (e.g., TestNG, Maven).

**Step 4: Verify the Results**

Ensure that the test passes and the issue is created in Jira with the specified details.

**Conclusion**

Upon completion, you should be able to:

* Understand how to use the Makaia Framework to interact with Jira APIs.
* Create an issue in Jira via API and validate the response.

This documentation provides a clear guide for creating and verifying a Jira issue using the Makaia Framework. Make sure to adapt the details to match your specific Jira instance and project setup.

## Thanks !

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