A close-up of a logo

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**Classroom Session: Creating a Change Request with a File as Body in ServiceNow Using Rest Assured**

**Learning Objective:**

The objective of this session is to learn how to create a change request in ServiceNow by using a file to provide the request body with Rest Assured.

**Expected Completion Time:**

* Best Case: 15 minutes
* Average Case: 25 minutes

**Creating a Change Request with a File as Body:**

1. **Create a JSON File for Request Body:**
   * **Step 1:** Create a JSON file (e.g., changeRequestBody.json) with the following content:

{

"short\_description": "Change request created using a file",

"descrription": "Software"

}

1. **Create a Java Class:**
   * Create a new class under your week3day1 package directory and name it CreateChangeRequestWithFile.
2. **Steps Code for Creating a Change Request:**
   * **Step 1:** Set the base URI for the ServiceNow instance.
   * **Step 2:** Authenticate using Basic Auth with your username and password.
   * **Step 3:** Set the headers, including Content-Type as ***application/json***.
   * **Step 4:** Read the JSON file into a string.
   * **Step 5:** Send a POST request to the ServiceNow API endpoint for creating a change request with the file content as the body.
   * **Step 6:** Print the response body and status code to the console.
   * **Step 7:** Verify the status code to ensure it is 201 (Created).

**Implementation to create with file:**

* Read the file

File jsonFile =**new** File("./src/test/resources/Createincident.json");

* Input Request with file

RequestSpecification input = RestAssured.*given*().contentType("application/json").when().body(jsonFile);

**Running the Java Program:**

1. **Run the Program in Eclipse:**
   * Right-click on the CreateChangeRequestWithFile class.
   * Select Run As > TestNG Test.
   * Observe the response body and status code printed in the console.

**Expected Outcome:**

Upon completion, you should be able to:

* Set up a Maven project in Eclipse.
* Add Rest Assured and TestNG dependencies to the pom.xml.
* Create a change request in ServiceNow using a file as the request body.
* Print the response body and status code to the console.
* Understand common mistakes and solutions while using Rest Assured and TestNG.

**Note:**

*Replace your\_instance, your\_username, and your\_password with your actual ServiceNow instance URL, username, and password, respectively. Also, ensure the JSON file path is correctly*