Feedback

Provided by TAG technical team

Fixed by Salim Sema

# Task 1

### Missed the 's' in the user group.

In order to complete Task 1, I referred to the user group information available in the User Management section of Jira Center. Although the user group mentioned in the task description was incorrect and I initially overlooked that detail, I was able to proceed using the accurate group from Jira and successfully complete the task without any issues.

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# Task 2

### How the endpoint was called from the HAR file

From the .har log file, we can observe that an HTTP 500 error is being thrown, which indicates an internal server error. The error message states: **"The issue no longer exists."**

Upon reviewing the code, it appears that the error originates from the following line:

*def issue = Issues.getByKey(issueKey)*

The stack trace in the log further confirms this, showing the method call sequence as follows:

* *com.adaptavist.hapi.jira.issues.Issues$getByKey.call(Unknown Source)*
* *com.onresolve.scriptrunner.hapi.IssuesImplementationApi$getByKey.call(Unknown Source)*
* *com.adaptavist.hapi.jira.issues.implementation.IssuesImplementation.getByKey(IssuesImplementation.groovy)*
* *com.adaptavist.hapi.jira.issues.implementation.IssuesImplementation.getByKey(IssuesImplementation.groovy:273)*

This suggests that the error occurs because the script is attempting to retrieve an issue that no longer exists or is inaccessible.

### How to call that

We can create REST endpoints by navigating to **Jira Center → ScriptRunner → REST Endpoints → Create REST Endpoint**.

I have included the relevant screenshot in the following sections for reference.

### Code

Please find below screenshot of the script. I will also add it to the github repository.

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## Running existing script and then the modified script

### Existing script

I have added the provided script to the REST endpoint configuration in ScriptRunner.A screenshot of a computer

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I realized that the REST endpoints can only be accessed by users in the **adaptavist-users** group.A screenshot of a computer

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To resolve this, I created the **adaptavist-users** user group and added the **admin** user to it.A screenshot of a computer

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I accessed the endpoint using a browser and, as expected, received an internal server error with the message: **"The issue no longer exists."**A screen shot of a computer

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I attempted to access the endpoint using the following URL with the issue key **AD-24**, which does not have a parent:

localhost:8080/rest/scriptrunner/latest/custom/getParentIssueKey?issueKey=AD-24

As a result, I received an internal server error with the message: **"Cannot get property 'key' on null object."**

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I am now calling the REST endpoint with the issue key **AD-25**, which has a parent issue **AD-24**.A screenshot of a computer

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### Modified the script by adding validation and exception handling

I have added input validation and exception handling to the script.A screenshot of a computer

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Script

A screenshot of a computer program

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### Negative scenarios

Now, let's validate the negative scenarios and how to handle them using the updated script.

**Scenario 1:** Missing issueKey in query parameters.

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**Scenario 2:** Incorrect issueKey in query parameters.A screenshot of a computer

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**Scenario 3:** The provided issueKey does not have a parent.

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### Positive scenarios

Now, let's validate the positive scenarios, where the provided issue has a parent.A screenshot of a computer

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