Setting user name field of an asset with asset custom field value change - Example 4

It is possible to set a user field of an asset while it is added to the issue custom field or removed from it. Please follow the steps of the following example.

1- Define a "JIRA User" attribute
2- Add it to the desired form
3- Create multiple Mouse assets
4- Define a screen to Update Asset -
5- Define a new transition with Update Asset screen
6- Define the post function to update user name on the Update Asset transition
   - Post function Groovy Script
7- Test it on Post Function Create Screen and publish workflow
8- See it in action: Update assets with Update Asset transition

In this example, we'll define a global transition with a custom screen (Update Asset) to set or unset "JIRA User" field of an asset when it is added or removed from asset custom field. Asset won't be updated when asset won't added to the issue or removed from it.

1- Define a "JIRA User" attribute

Edit Attribute

<table>
<thead>
<tr>
<th>Name</th>
<th>JIRA User</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>User Picker</td>
</tr>
</tbody>
</table>

2- Add it to the desired form
3- Create multiple Mouse assets

4- Define a screen to Update Asset -
Remove asset custom field from edit and create screens. Only this screen will update assets on transition. View Issue screen will have Asset custom field as read-only.

5- Define a new transition with Update Asset screen

In this example it is defined as All-to-self. You can define for a specific status as well. Select "Update Asset" screen for the transition.
6- Define the post function to update user name on the Update Asset transition

Select Add "[AIP] - Update Asset workflow postfunction" to the workflows to update an asset object on transition. And select "JIRA User" field. Leave form parameter as blank to set any matching form.
Post function Groovy Script

```groovy
if (assetStatus == 'added') return issue.reporter.username
else if (assetStatus == 'removed') return ''
else return null
```

"return null" result won't update asset. If you want to clear attribute value return empty String "return ''"

This script will be executed for each assets of all custom fields that matches the configuration. Assets also includes removed assets to let you control inventory. If you want to do nothing for assets removed from issue you can use `if (assetStatus == 'removed') return null`
7- Test it on Post Function Create Screen and publish workflow

Specify the custom field to update assets. Leave it blank to update all Asset custom fields.

```
if (assetStatus == 'added') return issue.reporter.username
else if (assetStatus == 'removed') return ''
else return null
```

This is the default script to be executed for the options that has no specific groovy script. Type script returning the value to update attribute value. For example, return `issue.summary`. If you want to clear the attribute value return empty string `''`

Script will be actually executed, if you modify anything please use test objects (issue, asset, etc.)

Result: tuncya

8- See it in action: Update assets with Update Asset transition

**Before:** Issue has no assets and Asset #2093 has no JIRA User value
After "Update Asset" transition, reporter name is set to "JIRA User" asset attribute.
Now remove asset

Jira User is cleared

Now add 2 assets
2 assets have JIRA User values set

Remove 2 assets with “Update Asset” and see JIRA Users fields are cleared