

Display values from Assets objects

This article explains how to render attributes of [Asset type](#) objects connected to JSM requests.

Assets objects is a feature supported by JSM Premium edition and allows you to configure and maintain a collection of objects that work in a Map-like way. These objects may be used to represent physical entities, such as hardware, machinery or office buildings as well as non-tangible assets, like configurations, contracts etc.

To retrieve the Asset objects from JSM, Raley needs a special token which you as a Jira administrator must create in <https://id.atlassian.com/manage-profile/security/api-tokens>

Create the token and save it in a separate file. Then concatenate the token with your Jira administrator email that you used in the token creating following by colon like this:

```
jira-admin@company.com:MY_JIRA_ACCESS_TOKEN
```

Encode the whole string above to base64 and add it to Raley properties with key API_TOKEN like this:

```
API_TOKEN=amlyYS1hZG1pbkBJb21wYW55LmNvbTpNWV9KSVJBOX0FDQ0VTU19UT0tFTg==
```

Now, navigate to Jira top menu Apps Raley Emails Notifications Settings. In the screen that appears paste the API_TOKEN string into the "name=value pairs" textarea, like this:

Raley Emails Notifications

Configurations Snapshot Templates Logos & Images Send Audit Snapshot Templates Audit Destinations **Settings** Documentation Helpdesk

User Groups with Access to Raley

Specify Jira user groups which will have access to Raley Emails Notification configuration console. By default, only Jira administrators are permitted

name=value pairs

```
a=test
b=s
API_TOKEN=amlyYS1hZG1pbkBJb21wYW55LmNvbTpNWV9KSVJBOX0FDQ0VTU19UT0tFTg
```

You configure settings as a list of name=value pairs. You can retrieve them in runtime using settingValue custom function. See how-to and examples here

Save

Click on Save and now you're all set configuration-wise.

The common scenario is that a JSM request has a link to specific Asset object and we need to show it in a customer-facing notification. We'll use the field called "Linked Assets" as example in this tutorial.

Here's how you render its attributes in Raley:

1) In Issue field picker choose the field "Linked Assets". You'll be presented with a popup which contains code similar to the following:

```
#foreach($o in $!issue.fields.customfield_10050)
  $jirassimo.getAssetFieldValue($o.objectId, "ATTRIBUTE_NAME")
#end
```

Note that our Linked Assets field is customfield_10050 and it is a array-type field that we need to iterate using #foreach statement

2) Replace the ATTRIBUTE_NAME placeholder by the name of the attribute you want to render. Let's say the attribute name is "OT1 attribute". In that case, our code should look like this:

```
#foreach($o in $!issue.fields.customfield_10050)
  $jirassimo.getAssetFieldValue($o.objectId, "OT1 attribute")
#end
```

That's it! Preview the notification configuration and you'll see the value of connected Asset field's attribute "OT1 attribute".