Manage workflow validators

Starting from version 1.9.0, Smart Attachments add-on supports workflow validators.

Validators

Validators allow you to verify that any action performed to the transition is valid prior to the issue being moved to the next workflow step. If validation fails, transition to the next workflow step is rejected and the transition's post functions are not performed.

Validator Types

The following validators are available:

Validator	Description	Configuration
File Uploader is User	Validates that there is at least one attachment uploaded by one of the selected users.	Selection of one or multiple users.
File Uploader is in Group	Validates that there is at least one attachment uploaded by the user from the selected user group.	Selection of a user group
File Uploader is in Project Role	Validates that there is at least one attachment uploaded by the user with the selected project role.	Selection of a project role
Category is not Empty	Validates that the specified category contains at least one attachment. ⓘ	

Please consider the specifics of the condition while checking one or multiple categories, as follows:

- For the situations when you need to check presence of at least one attachment in each category, you should create a condition for each category.
- For the situations when you need to check presence of at least one attachment in any of the categories, you should create one condition and enumerate multiple categories in it.

Manual entry of one or multiple category names for checking.

Update parameters of the 'Category is not Empty' Validator for this transition.

Update parameters of the 'Category is not Empty' Validator for this transition.

Category: Documents

Files to check
- Any file
- Files matching name pattern
  psd
- Files matching regular expression

Update   Cancel

Update parameters of the 'Category is not Empty' Validator for this transition.

Update parameters of the 'Category is not Empty' Validator for this transition.

Categories: Documents, Screenshots, Screencasts

Files to check:
- Any file
- Files matching name pattern
  pdf
- Files matching regular expression

Update   Cancel

Optionally, you can define verification of attachment availability, as follows:

- any file in the category
- files matching the name pattern
- files matching the enter regular expression

| Verify Number of Attachments in Category | Checks that the specified number of attachments is available in the category. | Manual entry of the category name and the number of attachments that should be available in it.

Optionally, you can define verification of attachment availability, as follows:

- any file in the category
- files matching the name pattern
- files matching the enter regular expression

You can also enable the option to treat document revisions as distinct attachments. |
|---|---|---|

> ⓘ All validators allow you to set only one criterion per validator. If you want to validate several criteria at once during transition, you should create separate validators, one per each criterion. The only exception is the File Uploader is User validator that allows you to select multiple users at once.

Adding Validators

1. Open the project workflow which you want to add a validator for.
2. Switch the project workflow to the edit mode.
3. Locate the appropriate transition (arrowed line) and click **Validators** in the properties panel. Alternatively, you can select the target workflow step (when working with the text version of the workflow). You are redirected to the page listing the validators.
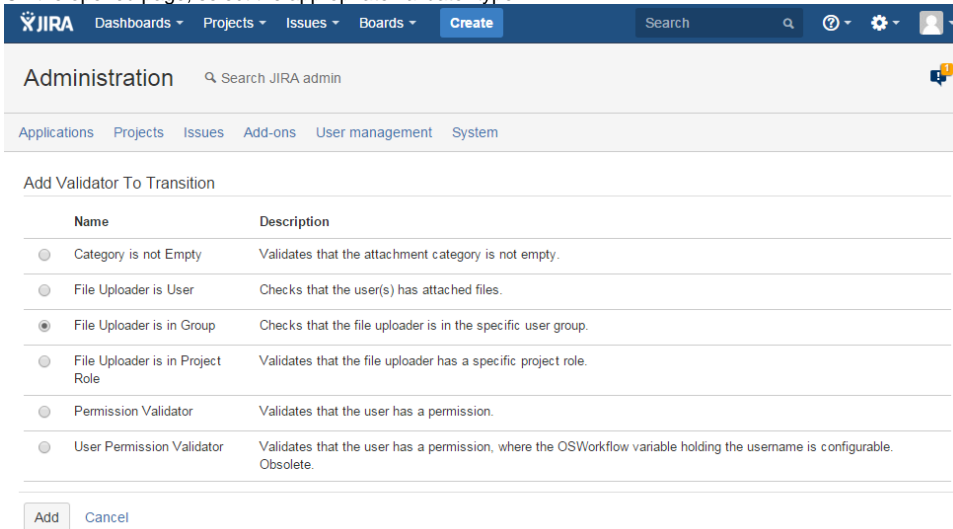
4. Click **Add validator**.

5. On the opened page, select the appropriate validator type.

6. Click **Add**.
7. Configure the workflow validator.
8. Click **Add**.
9. In the notification block, click **Publish Draft**.

(i) Note that validators are executed one by one and not all at once.

Editing Validators

1. Open the workflow step containing validators you want to modify.
2. On the **Validators** tab, locate the validator for editing.
3. Click **Edit** 🖊 icon.
4. Make the required modifications.
5. Click **Update**.

Deleting Validators

1. Open the workflow step containing validators you want to modify.
2. On the **Validators** tab, locate the validator for removal.
3. Click **Delete** ⊗ icon.

Using name patterns and regular expressions

Smart Attachments add-on allows you to use the name patterns and regular expressions for verifying attachments stored in categories.

Name Patterns

Name patterns allows you to quickly enumerate the full or partial file names, or file formats of attachments that should be verified by the validator. You can enter one or multiple words or file formats for verification by the validator. In case of multiple items, you need to separate them with the comma.

For example, you want to verify only attachments containing the word 'contract'. Enter the word '**contract**' into the corresponding text field.

If you want to verify the specific file formats (for example, DOC and PDF files), you should enter '**doc, pdf**' into the corresponding text field.

Regular Expressions

Regular expressions allow you to quickly enter the flexible query for verifying specific attachments in categories.

For example, you want to verify only attachments with *.docx and *.pdf formats. You need to enter the following regular expression '**(.+?)(.docx|.pdf)$**'.

Unknown macro: 'seo-metadata'