# Managing Workflow Post Functions

> (i) **Try our new app Smart Attachments for Confluence. Store your project documents, artifacts, and media assets in the shareable space storage in Confluence. See the app in action.**

Starting from version 1.13.0, Smart Attachments add-on supports workflow post functions.

## Post Functions

Post-functions allow you to perform additional operations on the issue once the transition has been executed.

## Post Function Types

> (i) **Please note that all the post-functions are executed on the behalf of the JIRA administrator. Specific access restrictions are not exercised when performing a post-function.**
>
> **Please consider this when configuring the workflow and individual post-functions.**
>
> **If you need different behavior, please share your thoughts with us.**

The following post functions are available:

| Post-function | Description | Configuration |
|---|---|---|
| Delete attachments from categories | Allows you to delete one or multiple attachments from one or multiple categories.<br><br>You can define the following options:<br><br>• enter one or multiple categories which attachments will be removed from<br>• enable removal of all attachments from the specified categories<br>• enable removal of specific attachments depending on the name pattern or regular expression | **Add Parameters To Function**<br><br>Add required parameters to the Function.<br><br>Categories: [          ]<br><br>Files to delete: ◉ All attachments<br>○ Matching the name pattern<br>○ Matching the regular expression<br><br>[Add]  Cancel |

| Move attachments to category | Allows you to move attachments from the source category to the target category.<br><br>You can define the following options:<br><br>- enter the source and target categories for moving attachments<br>- enable the moving of all attachments from the specified categories<br>- enable the moving of specific attachments depending on the name pattern or regular expression<br>- enable the moving of the latest document revision only, while all the other revisions will be preserved in the source category | **Update parameters of the Move Attachments to Category Function for this transition.**<br><br>Update parameters of the Move Attachments to Category Function for this transition.<br><br>Source category: `Documents`<br>Target category: `Prototypes`<br>Files to move: ○ Any file<br>● Files matching name pattern<br>`docx, pdf`<br>○ Files matching regular expression<br>Move the last document revision only: ☑<br><br>[Update] Cancel |

| | | |
|---|---|---|
| Email attachments from categories | Allows you to send an email with attachments from one or multiple categories.<br><br>You can define the following options:<br><br>• define the post-function name (for example, Email to Management, Email to Employee and so on)<br>• enter email addresses of recipients including CC and BCC or select custom fields of the User Picker or User Group Picker type<br>• specify the email subject<br>• specify the email body<br>• enter categories with attachments that should be sent to the specified emails<br>• enable the sending of all attachments from the specified categories<br>• enable the sending of specific attachments depending on the name pattern or regular expression<br>• enable the email sending without attachments (in case of no attachments matching the pattern)<br>• enable the posting of the email copy to the issue comments once the post-function has run | **Update parameters of the Email attachments from categories Function for this transition.**<br><br>Update parameters of the Email attachments from categories Function for this transition.<br><br>Post function name: `Emailing`<br><br>To: `ruddick@mail.ru, vrutkevich@stiltsoft.com,`<br><br>Reporter<br>Assignee<br>Reviewers<br>Stakeholders<br><br>CC: `vrutkevich@stiltsoft.com`<br><br>BCC: ``<br><br>Subject: `Email from issue`<br><br>Email body: `Email from issue`<br><br>Categories: `Documents`<br><br>Files to attach: ⦿ Any file<br>◯ Files matching name pattern<br>◯ Files matching regular expression<br><br>Send email without attachments ☑<br><br>Post the email copy to issue comments: ☑<br><br>Update   Cancel |

## Adding Post Functions

1. Open the project workflow which you want to add a post-function for.
2. Switch the project workflow to the edit mode.

3. Locate the appropriate transition (arrowed line) and click **Post Functions** 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 post functions.

Workflows / JIRA-copy (Draft)

**Transition: Resolve Issue**

Edit | View Properties | Delete

OPEN
IN PROGRESS → Resolve Issue → RESOLVED
REOPENED

**Screen**: Resolve Issue Screen

| Conditions 2 | Validators 0 | Post Functions 8 |

**The following will be processed after the transition occurs**                    Add post function

1. **Email to Manager** - Send attachments to: **vrutkevich@stiltsoft.com;** . From categories: **Documents**.
2. Delete attachments from categories: **logs, UNCATEGORIZED**. Filter: **(.+?)(.docx|.pdf)$**.
3. Set issue status to the linked status of the destination workflow step.
4. Assign the issue to the current user. Please note that the issue will only be assigned to the current user if the current user has the 'Assignable User' permission.
5. Add a comment to an issue if one is entered during a transition.
6. Update change history for an issue and store the issue in the database.
7. Re-index an issue to keep indexes in sync with the database.
8. Fire a **Issue Resolved** event that can be processed by the listeners.

4. Click **Add post function**.
5. On the opened page, select the appropriate post function type.

JIRA | Dashboards ▾ | Projects ▾ | Issues ▾ | Agile | Create | Search

**Administration**   Search JIRA admin   ← Back to project: Conditions

Projects   Issues   User management   System   Add-ons

**Add Post Function To Transition**

| | Name | Description |
|---|---|---|
| ○ | Assign to Lead Developer | Assigns the issue to the project/component lead developer |
| ○ | Assign to Reporter | Assigns the issue to the reporter |
| ○ | Create Perforce Job Function | Creates a Perforce Job (if required) after completing the workflow transition. |
| ○ | Delete attachments from categories | Delete attachments by filter from selected categories |
| ○ | Move Attachments to Category | Move attachments between selected categories. |
| ○ | Notify HipChat | Send a notification to one or more HipChat rooms. |
| ○ | Send Attachments from Category to Email | Send Attachments from Category(ies) to Email. |
| ○ | Trigger a Webhook | If this post-function is executed, JIRA will post the issue content in JSON format to the URL specified. |
| ○ | Update Issue Field | Updates a simple issue field to a given value. |

Add   Cancel

6. Click **Add**.
7. Configure the post function parameters.
8. Click **Add**.
9. In the notification block, click **Publish Draft**.

## Editing Post Functions

1. Open the workflow step containing post functions you want to modify.
2. On the **Post Functions** tab, locate the post function for editing.
3. Click **Edit** 🖉 icon.
4. Make the required modifications.
5. Click **Update**.

## Deleting Post Functions

1. Open the workflow step containing post functions you want to modify.
2. On the **Post Functions** tab, locate the post function 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 matching 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 processed by the post-function. You can enter one or multiple words or file formats for processing by the post function. In case of multiple items, you need to separate them with the comma.

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

If you want to process the specific file formats (for example, DOC or 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 matching specific attachments in categories.

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