

Set priority for issues that have been in a certain status for longer than 24 hours

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Features used to implement the example

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Example: Set priority for issues that have been in a certain status for longer than 24 hours

I'm going to answer publicly to a question I have receiver by private email but that may be of interest for all users of the plugin. The question is:

How can I set priority to "Blocker" for issues in status "In Progress" for longer than 1 day?

We are going to do it in two steps:

We use post-function [Copy parsed text to a field](#) to set virtual field "Ephemeral string 1" with the name of the priority we want to use:

Target field:

Ephemeral string 1 - [Text]

Field to be written with the resulting parsed text.

☐ Don't overwrite target field if it's already set.

Parsing Mode:

☒ Basic

Basic mode: Insert field codes anywhere in the text, and they will be replaced with corresponding field values. Field code formats are `%{nnnn}`, and `%{nnnn.i}` for Cascading Select fields (i = 0 for base level).

☐ Advanced

Advanced mode: Strings literals are written in double quotes ("This is a string."). Operator '+' is used to concatenate strings, and field codes are like in basic mode, e.g., "Issue key is " + `%{00015}` + ". ". More information at [parser syntax documentation](#).

Text to be parsed and then copied to target field:

[Line 1 / Col 9][Syntax Specification](#)[Check Syntax](#)

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Blocker

Summary - [Text] - `%{00000}`

Insert String Value

Original estimate (minutes) - [Number] - `{00068}`

Insert Numeric Value

We use post-function [Update issue fields](#) to set virtual field "Priority" with the value stored in "Ephemeral string 1" in all issues returned by the following JQL query:
status = "In Progress" and status was "In Progress" before -1d

Target fields and Source values: ?
Select the target fields that will be set and the source values for each of them.

Target field:
Summary - [Text] Add

Add a field to be set in selected issues.

Target Field	Type of Value	Source Value	Don't Overwrite	Actions
Priority	Field in current issue	Ephemeral string 1		Edit Remove

Target Issues:
Select the issue(s) to be updated.

Issue Selection Mode:
☐ Current Issue ☐ Parent Issue ☐ Linked Epic ☐ Linked Issues ☐ Subtasks ☐ Sibling Subtasks ☐ Issues under Epic ☐ Sibling issues under Epic ☒ JQL Query ☐ Issue List

[Line 1 / Col 64]
1 status = "In Progress" and status was "In Progress" before -1d

String Field Code Injector:
Summary - [Text] - %{00000}

Numeric/Date Field Code Injector:
Original estimate (minutes) - [Number] - {00068}

Check Syntax

- Field codes with format %{nnnnn} may be inserted in the JQL Query, and will be replaced with field values at runtime. Most times it's a good idea to write field codes between double quotes (e.g. "%{00001}"), since field values may contain blank spaces that will produce JQL parsing errors at runtime.
- Cascading Select fields and Multi-level Cascading Select fields specific levels can be referenced with %{nnnnn.0} for parent level, %{nnnnn.1} for child level, etc.

Additional options:

☐ Enable email notifications on issues to be written, according to applicable notification scheme.
☐ Update issue immediately after field writing. A specific entry will be created in issue history for each field writing.

Conditional execution:
Optional boolean expression that should be satisfied in order to actually execute the post-function.
(Syntax Specification)

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Leave the field empty for executing the post-function unconditionally. [Collection of Examples](#) [Line 1 / Col 1]

[Logical connectives](#): and, or and not. Alternatively you can also use &, | and !.
[Comparison operators](#): =, !=, >, >=, < and <=. Operators in, not in, any in, none in, ~ and != can be used with strings, multi-valued fields and lists.
[Logical literals](#): true and false. Literal null is used with = and != to check whether a field is initialized, e.g. {00012} != null checks whether Due Date is initialized.

String Field Code Injector:
Summary - [Text] - %{00000}

Numeric/Date Field Code Injector:
Original estimate (minutes) - [Number] - {00068}

Check Syntax

Once configured, the transition configuration will look like this:

The following will be processed after the transition occurs

[Add post function](#)

1. The following text parsed in **basic** mode will be copied to **Ephemeral string 1**:

Blocker

This feature will be run as user in field **Current user**. by JWT

2. Update the following target issues:

JQL query

`status = "In Progress" and status was "In Progress" before -1d`

Target fields and Source values:

Target Field	Type of Value	Source Value	Don't Overwrite
Priority	Field in current issue	Ephemeral string 1	

This feature will be run as user in field **Current user**. by JWT

Other examples of that functions

Update issue fields

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Copy parsed text to a field

Page: [Add all assignees of certain sub-task types to a "Multi-User Picker" custom field](#)
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Page: [Add current user to comment](#)
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Page: [Add watchers from a part of the issue summary: "Summary_text - watcher1, watcher2, watcher3, ..."](#)
Page: [Assign issue based on the value of a Cascading Select custom field](#)
Page: [Assign issue to last user who executed a certain transition in the workflow](#)
Page: [Automatically close resolved sub-tasks when parent issue is closed](#)
Page: [Automatically reopen parent issue when one of its sub-tasks is reopened](#)
Page: [Calculate the time elapsed between 2 transition executions](#)
Page: [Close parent issue when all sub-tasks are closed](#)
Page: [Combine the values of several Multi-User picker fields](#)
Page: [Compose a parsed text including the "full name" or a user selected in a User Picker custom field](#)
Page: [Compose dynamic text by inserting field values in a text template](#)
Page: [Copy issue labels to a custom field](#)
Page: [Copy the value of a user property into a user picker](#)

Related Usage Examples

- [Creating a Jira Service Desk internal comment](#)
 - [example](#)
 - [post-function](#)
- [Limit the number of hours a user can log per day](#)
 - [example](#)
 - [validator](#)
 - [post-function](#)
 - [work-log](#)
- [Using project properties to calculate custom sequence numbers](#)
 - [example](#)
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- [Set a date based on current date](#)
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- [Parse Email addresses to watchers list](#)
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- [Set the assignee based on a condition](#)
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- [Create a static set of sub-tasks with unique summaries](#)
 - [example](#)
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- [Create a dynamic set of sub-tasks based on checkbox selection with unique summaries](#)
 - [example](#)
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 - [custom-field](#)
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- [Triage Jira Service Desk email requests \(Move issues\)](#)
 - [example](#)
 - [post-function](#)
 - [move](#)
 - [transition-issue](#)
- [Moving story to "In Progress" when one of its sub-tasks is moved to "In Progress" \(Transition issues\)](#)
 - [example](#)
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Page: Create a comment in sub-tasks when parent transitions
 Page: Execute transition in epic
 Page: Getting the number of selected values in a custom field of type Multi Select
 Page: Limit the number of hours a user can log per day
 Page: Make a sub-task's status match parent issue's current status on creation
 Page: Make parent issue progress through its workflow
 Page: Moving story to "In Progress" when one of its sub-tasks is moved to "In Progress"
 Page: Moving story to "Ready for QA" once all its sub-tasks are in "Ready for QA" status
 Page: Parse Email addresses to watchers list
 Page: Parsing text from last comment and appending it to issue's summary
 Page: Remove versions selected in a version picker custom field
 Page: Replace certain issue link types with different ones
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 Page: Set security level based on groups and project roles the reporter or creator are in
 Page: Transition linked issues in currently active sprint
 Page: Transition only a sub-task among several ones
 Page: Transition parent issue only when certain issue sub-task types are done
 Page: Update Cascading Select custom field with a value of the field in parent issue
 Page: Update checkboxes custom field if a file has been attached during a transition
 Page: Validation on issue attachments
 Page: Validation on MIME types of issue attachments
 Page: Writing a comment to blocked issues when blocking issues are resolved

- transition
- Transition sub-tasks when parent is transitioned
 - example
 - post-function
 - sub-task
 - transition
 - outdated
- Transition only a sub-task among several ones
 - example
 - post-function
 - sub-task
 - transition
 - outdated
- Moving sub-tasks to "Open" status when parent issue moves to "In Progress"
 - example
 - post-function
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- Moving story to "Ready for QA" once all its sub-tasks are in "Ready for QA" status
 - example
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