

# Parse summary for setting issue priority

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## Features used to implement the example

- [Parse field for extracting data](#)
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## Example: Parse summary for setting issue priority

Let's see a configuration that allows setting priority of an issue when we write the priority name between brackets in the issue summary. This can be particularly useful for issues created by email.

We insert [Parse field for extracting data](#) post-function in "Create Issue" transition (after "Creates de issue originally" post-function) using the following configuration:

<b>Source field:</b> Field containing the text that will be parsed for extracting certain value(s).	Summary - [Text]
<b>Leading delimiter:</b> Text literal or pattern expressed as a <a href="#">regular expression</a> that should be matched immediately <b>before</b> the value to be extracted. By default, delimiters are not included in returned values.	[ <div> <input checked="" type="radio"/> text literal           <input type="radio"/> text literal (ignoring case)           <input type="radio"/> regular expression           <input type="radio"/> regular expression (ignoring case)         </div> <b>Field code injector:</b> Summary - [Text] - %{00000} <p>Dynamic patterns can be created through insertion of field codes that will be replaced with the corresponding field values.</p>
<b>Format of the value to be extracted:</b> Format of the expected value to be extracted.  Some pattern types require a specification of the format to be entered.	<div> <input type="radio"/> any text between leading and trailing marks (i.e., no pattern)         <input type="radio"/> number         <input type="radio"/> url         <input type="radio"/> email       </div> <p>Number, url and email formats are filtered by regular expressions that match the vast majority of possible values, but there might be valid values that don't match these regular expressions. If avoiding any undesired value rejection is a priority, <b>any text</b> should be selected.</p> <div> <input type="radio"/> regular expression         <input checked="" type="radio"/> regular expression (ignoring case)         <input type="radio"/> date-time (specifying date-time formats: <a href="#">Date and Time Patterns</a>)       </div> <p>Format types <b>regular expression</b>, <b>regular expression (ignoring case)</b> and <b>date-time</b> require a format specification to be entered.</p> <p><u>Format specification:</u></p> trivial minor major critical blocker <b>Field code injector:</b> Summary - [Text] - %{00000} <p>Dynamic patterns can be created through insertion of field codes that will be replaced with the corresponding field values.</p>
<b>Trailing delimiter:</b> Text literal or pattern expressed as a <a href="#">regular expression</a> that should be matched immediately <b>after</b> the value to be extracted. By default, delimiters are not included in returned values.	] <div> <input checked="" type="radio"/> text literal           <input type="radio"/> text literal (ignoring case)           <input type="radio"/> regular expression           <input type="radio"/> regular expression (ignoring case)         </div> <b>Field code injector:</b> Summary - [Text] - %{00000} <p>Dynamic patterns can be created through insertion of field codes that will be replaced with the corresponding field values.</p>
<b>Target field:</b> Field that will be set with the extracted value(s).	Priority - [Issue priority] <div> <input type="checkbox"/> Don't overwrite target field if it's already set.         <input type="checkbox"/> Include the leading delimiter in the output.         <input type="checkbox"/> Include the trailing delimiter in the output.       </div>
<b>Ocurrences to be extracted:</b> Values to be extracted in case that more than one data matching extraction patterns are found.	<div> <input checked="" type="radio"/> first occurrence in source field         <input type="radio"/> last occurrence in source field         <input type="radio"/> all occurrences (values are returned as a comma separated list of values)       </div>
<b>Conditional execution:</b> Optional boolean expression that should be satisfied in order to actually execute the post-function. <a href="#">(Syntax Specification)</a>	<div> 1 </div> <p>Leave the field empty for executing the post-function unconditionally. <a href="#">Collection of Examples</a> [ Line 1 / Col 1 ]</p> <p><u>Logical connectives:</u> and, or and not. Alternatively you can also use &amp;,   and !.</p> <p><u>Comparison operators:</u> =, !=, &gt;, &gt;=, &lt; and &lt;=. Operators in, not in, any in, none in, ~ and != can be used with <i>strings</i>, <i>multi-valued fields</i> and <i>lists</i>.</p> <p><u>Logical literals:</u> true and false. Literal null is used with = and != to check whether a field is initialized, e.g. {00012} != null checks whether <i>Due Date</i> is initialized.</p> <div> <b>String Field Code Injector:</b>          Summary - [Text] - %{00000}         <b>Numeric/Date Field Code Injector:</b>          Original estimate (minutes) - [Number] - {00068}       </div>

**Run as:**  
 Select the user that will be used to execute this feature. JIRA will apply restrictions according to the permissions, project roles and groups of the selected user.
 

Current user

User defined by a field.
 Input a specific user.

Note that:

- Value format is regular expression: trivial|minor|major|critical|blocker
- Leading delimiter is regular expression: [

- Trailing delimiter is regular expression: ]

Once configured, post-function "**Create Issue**" looks like this:

The following will be processed after the transition occurs

Add post function

1. Write into **Priority** a piece of information extracted from **Summary**.

Format of value to be extracted is string matching the following **regular expression ignoring case**:

trivial|minor|major|critical|blocker

Leading delimiter is the following **string literal**:

[

Trailing delimiter is the following **string literal**:

]

In case of multiple matches extract only **first** occurrence.

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

An example of the result of the execution of this post-function:

Human Resources / HR 79

Example [critical]

Edit

Comment

Assign

More

Start Progress

Resolve Issue

Workflow

Admin

Export

Details

Type:

Bug

Status:

OPEN (View Workflow)

Priority:

Critical

Resolution:

Unresolved

Affects Version/s:

None

Fix Version/s:

None

Component/s:

None

Labels:

None

People

Assignee:

Administrator

Reporter:

Administrator

Votes:

0

Watchers:

1 Stop watching this issue

Dates

Created:

Just now

Updated:

Just now

Agile

View on Board

HipChat discussions

Do you want to discuss this issue? Connect to HipChat.

Connect Dismiss

Description

Click to add description

Activity

All

Comments

Work Log

History

Activity

There are no comments yet on this issue.

Comment

## Other examples of that function

Page: [Parse description for creating issue links](#)  
 Page: [Parse summary for setting "Due date"](#)  
 Page: [Parse summary for setting issue priority](#)  
 Page: [Parsing text from last comment and appending it to issue's summary](#)

## 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
  - post-function
  - calculated-field
  - project-properties
- Set a date based on current date
  - example
  - post-function
- Setting the priority depending on the multiplication of custom fields
  - example
  - calculated-field
  - post-function
- Parse Email addresses to watchers list
  - example
  - post-function
- Set the assignee based on a condition
  - example
  - post-function
- Create a dynamic set of sub-tasks based on checkbox selection with unique summaries
  - example
  - post-function
  - custom-field
  - sub-task
- Create a static set of sub-tasks with unique summaries
  - example
  - post-function
- 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
  - post-function
  - 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
  - sub-task
  - transition
  - outdated
- Moving story to "Ready for QA" once all its sub-tasks are in "Ready for QA" status
  - example
  - post-function
  - sub-task
  - transition
  - outdated