

Rise priority if due date is less than 3 weeks away

On this page

- [Features used to implement the example](#)
- [Example: Rise priority if due date is less than 3 weeks away](#)
- [Other examples of that function](#)
- [Related Usage Examples](#)

Features used to implement the example

- [Set a field as a function of other fields](#)

Example: Rise priority if due date is less than 3 weeks away

So, I'm trying to set the Priority field to "Critical" if the currently entered Due Date (if the field has a value) is equal to or less than 3 weeks away. I have the second part of this working, using the **Ephemeral number 1** field in a post function: The field Priority will be set according to the evaluation of Ephemeral number 1 against the following set of rules:

```
[{Due date}!=null AND {Ephemeral number 1}<=21]Critical
```

I tested this by just using a temporary additional post function which puts a number value I enter into Ephemeral number 1 field, and it works great. So now I just need the first part, where the current day is subtracted from the Due Date and returns a whole numerical value (# of days), which is then placed into Ephemeral number 1 field.

You can do it using only post-function [Set a field as a function of other fields](#). You should use the following configuration:

Field to be checked for matching with type 1 setting rules:	Summary - [Text] <small>This field is only used by rules where conditional part is a regular expression written in brackets: <code>{'regular_expression'}</code>value</small>
Target field to be set:	Priority - [Issue priority] <small>Field to be set by first matched setting rule. Type of the field is shown in square brackets. Check documentation on Virtual Fields to get information about suitable values for setting selected target field.</small> <input type="checkbox"/> Don't overwrite target field if it's already set.
Setting rules: <small>There are two types of setting rules, and both types can be combined in the same post-function. Rule formats: - type 1: <code>{'regular_expression'}</code>value - type 2: <code>[boolean_expression]</code>value Write only one rule per line. value may be a parsed text or a mathematical or time formula, depending on the type of selected <i>Target field</i>. Regular expression syntax</small>	1 <code>[{00012} != null AND {00012} - {00057} <= 21 * {DAY}]Critical</code>
<input type="checkbox"/> Evaluate all the setting rules, not stopping at first match. Only available for multi-valued and ephemeral target fields.	

Setting rule used is:

```
[{00012} != null AND {00012} - {00057} <= 21 * {DAY}]Critical
```

Note that:

- **{00012}** is code for numeric value of **Due Date**

- **{00057}** is code for numeric value of **Current date and time**

Other examples of that function

Page: [Add watcher depending on security level](#)
Page: [Add watchers based on issue type](#)
Page: [Add watchers depending on the value of a custom field](#)
Page: [Assign issue based on the value of a Cascading Select custom field](#)
Page: [Assign issue to a specific user based on a specific custom field value](#)
Page: [Assign issue to current user if assignee is empty](#)
Page: [Assign issue to current user if the user is not member of a certain project role](#)
Page: [Change assignee based on a custom field](#)
Page: [Change parent's status depending on sub-task's summary](#)
Page: [Changing issue priority depending on issue description](#)
Page: [Compose dynamic text by inserting field values in a text template](#)
Page: [Copy "Due date" into a date type custom field in a linked issue if it's greater than current issue's "Due date"](#)
Page: [Limit the number of hours a user can log per day](#)
Page: [Make parent issue progress through its workflow](#)
Page: [Rise priority if due date is less than 3 weeks away](#)
Page: [Set "Due date" depending on the value of other fields, in case it's uninitialized](#)
Page: [Set "Due date" to a specific day of next week no matter of date of creation this week](#)
Page: [Set "Due date" to current date at issue creation if not initialized](#)
Page: [Set a custom field "Urgency" depending on a combined value of issue's priority and "Impact" custom field](#)
Page: [Set a date based on current date](#)
Page: [Set a field based on reporter's email](#)
Page: [Set a watcher at ticket creation depending on custom field's value](#)
Page: [Set assignee depending on issue type](#)
Page: [Set security level based on groups and project roles the reporter or creator are in](#)
Page: [Set security level depending on reporter or creator](#)
Page: [Set the assignee based on a condition](#)
Page: [Set the value of a field of type "User Picker" depending on other field's value](#)
Page: [Set watchers depending on the value of a custom field](#)
Page: [Setting a custom field \(User Picker\) based on the value of another custom field \(Text Field\)](#)
Page: [Setting a field's default value depending on another field](#)
Page: [Setting the priority depending on the multiplication of custom fields](#)
Page: [Transition an issue automatically depending on the value of a field](#)
Page: [Unassign an issue when assigned to project leader](#)
Page: [Update checkboxes custom field if a file has been attached during a transition](#)
Page: [Using project properties to calculate custom sequence numbers](#)

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](#)
- [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](#)
- [Using project properties to calculate custom sequence numbers](#)
 - [example](#)
 - [post-function](#)
 - [calculated-field](#)
 - [project-properties](#)
- [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](#)
- [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](#)
- [Transition only a sub-task among several ones](#)
 - [example](#)
 - [post-function](#)
 - [sub-task](#)
 - [transition](#)
 - [outdated](#)
- [Transition sub-tasks when parent is transitioned](#)
 - [example](#)
 - [post-function](#)
 - [sub-task](#)
 - [transition](#)
 - [outdated](#)

