

# Rise priority if due date is less than 3 weeks away

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## Features used to implement the example

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## 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:

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

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**
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