

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:

| | |
|--|---|
| Field to be checked for matching with type 1 setting rules: | <div>Summary - [Text]</div> <p>This field is only used by rules where conditional part is a regular expression written in brackets: <code>{(regular_expression)}value</code></p> |
| Target field to be set: | <div>Priority - [Issue priority]</div> <p>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.</p> <p><input type="checkbox"/> Don't overwrite target field if it's already set.</p> |
| Setting rules: <p>There are two types of setting rules, and both types can be combined in the same post-function.</p> <p>Rule formats:</p> <ul style="list-style-type: none">- type 1: <code>{(regular_expression)}value</code>- type 2: <code>{(boolean_expression)}value</code> <p>Write only one rule per line.</p> <p><i>value</i> may be a parsed text or a mathematical or time formula, depending on the type of selected <i>Target field</i>.</p> <p>Regular expression syntax</p> | <div>1 [{00012} != null AND {00012} - {00057} <= 21 * {DAY}]Critical</div> <p><input type="checkbox"/> Evaluate all the setting rules, not stopping at first match. Only available for multi-valued and ephemeral target fields.</p> |

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

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