

# Implement a form with a series of questions and calculate a numeric value based on the answers

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## Features used to implement the example

- [Mathematical and date-time expression calculator](#)

## Example: Implement a form with a series of questions and calculate a numeric value based on the answers

I need assistance in adding a value to a text field based on the option selection. I am building out a change management form in Jira and there are a series of questions that is being created via custom fields. Based on the option selected for the custom field, each field needs to be given a value of 1, 2, 3, or 4 (hidden values) and then I need to add a field value showing the Impact Rating result total (sum of the hidden values).

Example:

I created a custom field – Change in Software Release (new version)?

The option is set to - Yes or None

If Yes is selected, then I need to give the field a value of 4

This use case can be implemented using [Mathematical and date-time expression calculator](#) post-function with a formula similar to this one:

```
{%aaaaa} = "Yes" ? 4 : 0) + {%bbbbbb} = "Yes" ? 1 : 0) + {%ccccc} = "Yes" ? 2 : 0) + (%  
{ddddd} = "Yes" ? 4 : 0)
```

where **aaaaa**, **bbbbbb**, **ccccc** and **ddddd** are field codes for custom fields that contain the answers to the questions, and **4**, **1**, **2** and **4** are the values to the questions when the answer is "Yes".

You should select **Impact Rating** as target field, which should be a numeric custom field.

If you had questions with more than 2 options as possible answers, you would have use a formula like this one:

```
{%aaaaa} = "Yes" ? 4 : 0) + getMatchingValue({%bbbbbb}, ["Yes", "No"], [3, 0]) + getMatchingValue(  
{ccccc}, ["Yes", "Sometimes", "Almost Never", "Never"], [4, 3, 1, 0]) + getMatchingValue({%ddddd}, ["Blue", "  
Red", "Green", "Other colors"], [4, 3, 2, 1])
```

## Other examples of that function

Page: [Automatic work log with start and stop work transitions](#)

Page: [Automatically log work time when the user uses a "Stop Progress" transition](#)

Page: [Calculate the time elapsed between 2 transition executions](#)

Page: [Getting the number of selected values in a custom field of type Multi Select](#)

Page: [Implement a form with a series of questions and calculate a numeric value based on the answers](#)

Page: [Increment a field or set to 1 if it's not set](#)

Page: [Set "Date-Time Picker" custom field with current date-time](#)

Page: [Set "Due date" 6 natural days \(or work days\) earlier than a "Date Picker" custom field](#)

## Related Usage Examples

- [Validate that multi-user picker custom field A does not contain any user in multi-user picker custom field B](#)
  - [example](#)
  - [validator](#)
  - [custom-field](#)
- [Validation on the value of a Cascading Select field](#)
  - [example](#)
  - [validator](#)
  - [custom-field](#)
- [Make different fields mandatory depending on the value of a Select List custom field](#)
  - [example](#)
  - [validator](#)

Page: Set "Due date" to a specific day of next week no matter of date of creation this week

Page: Set "Due date" with certain time offset from current date

Page: Set "Total time spent" to "Current date and time - date and time of last update"

Page: Set a custom field "Urgency" depending on a combined value of issue's priority and "Impact" custom field

Page: Sum "Time Spent" in all sub-tasks of issues linked with issue link types "LinkA", "LinkB", "LinkC"

Page: Triage Jira Service Desk email requests (Move issues)

Page: Using project properties to calculate custom sequence numbers

- custom-field
- Validate compatible values selection among dependent custom fields
  - example
  - validator
  - custom-field
- Make a custom field mandatory when priority is "Critical" or "Blocker" and issue type is "Incident"
  - example
  - validator
  - custom-field
- Enforce a field (Select List) to be set when another field (Radio Button) has a certain value (works with any kind of field type)
  - example
  - validator
  - custom-field
- Validate a custom field "Story Points" has been given a value in Fibonacci sequence
  - example
  - validator
  - custom-field
- Make attachment mandatory depending on the value of certain custom field
  - example
  - validator
  - custom-field
- Create a dynamic set of sub-tasks based on checkbox selection with unique summaries
  - example
  - post-function
  - custom-field
  - sub-task
- Total of all story points in an epic
  - example
  - custom-field
  - calculated-field
- Show timeliness of an issue based on two date pickers
  - example
  - custom-field
  - calculated-field
- Add and remove a single or a set of items from multi valued fields
  - example
  - post-function
  - custom-field
  - issue-links
  - sub-task
- Highest value of a custom field among linked issues
  - example
  - custom-field
  - calculated-field
- Google Maps location from address
  - example
  - calculated-field
  - custom-field
- Make certain custom field required in resolve screen only if the resolution was set to "Fixed"
  - example
  - validator
  - custom-field