

Make "Time Spent" field required when there is no time logged in the issue

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Features used to implement the example


- [Boolean validator with math, date-time or text-string terms](#)
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Example: Make "Time Spent" field required when there is no time logged in the issue

It can be implemented this way:

1. Add a screen to the transition "**Close Issue**", and include field "**Log Work**" in it.
2. Add validator [Boolean validator with math, date-time or text-string terms](#) with the following configuration:

Boolean expression to be evaluated:

[Line 1 / Col 13] [Syntax Specification and Examples](#) 

1 {00025} > 0

Logical connectives: and, or and not. Alternatively you can also use &, | and !.

Comparison operators: =, !=, >, >=, < and <=. Operators ~, !~, in, not in, any in and none in can be used with **strings**, **multi-valued fields** and **lists**.

Logical literals: true and false. Literal null is used with = and != to check whether a field is initialized, e.g. {00012} != null checks whether **Due Date** is initialized.

CHECK SYNTAX

NUMERICAL AND DATE-TIME TERMS

Numeric and Date-Time field values: insert field codes with format {nnnnn}.

Original estimate (minutes) - [Number] - {00068} ▾

Insert Numeric Value

Valid date-time literal formats: yyyy/MM/dd [hh:mm] or yyyy-MM-dd [hh:mm]. Time literals use format: hh:mm.

There is a set of **mathematical functions** and **time macros and functions** available to be used in your expression.

TEXT-STRING TERMS

Text-String field values: insert field codes with format %{nnnnn} or %{nnnnn.i} for referencing levels in cascading select fields (i = 0 for base level).

Summary - [Text] - %{00000} ▾

Insert String Value

String literals: written in **double quotes**, e.g., "This is a string literal."

String concatenation: use operator '+' to concatenate string values, e.g., "The summary of issue with key " + %{00015} + " is \"" + %{00000} + "\"."

Escape character: character \ is used with characters '"', '\', 'n', 'r', 't', 'f' and 'b' to invoke an alternative interpretation.

There is a set of **string functions** available to be used in your expression.

Skip validation when:

Inhibit the validator under selected circumstances.

☐ Transition is triggered by a **bulk operation**.
☐ Transition is triggered by a **JIRA Workflow Toolbox post-function**.
☐ Current issue is being created by cloning. Only makes sense in *Create Issue* transition.

Message to show when validation fails:

Please, don't forget to log time spent before closing the issue.

Field code injector:

Summary - [Text] - %{00000} ▾

Field codes with format %{nnnnn} can be inserted in the failure message and its translations, and they will be replaced with actual field values at runtime.

[Set translations for installed languages](#)

Text to be parsed is: {00025} > 0

Note that:

- {00025} is code for numeric value of virtual field "**Total time spent (minutes)**"

Once configured, transition "**Close Issue**" will look like this:

Transition: Close Issue
Edit
View Properties
Delete
?

OPEN

IN PROGRESS

REOPENED

Close Issue

CLOSED

Screen: Resolve Issue Screen

Triggers 0
Conditions 2
Validators 1
Post Functions 5

The transition requires the following criteria to be valid
Add validator

Only if the following boolean expression is true: *{Total time spent (minutes)} > 0*
Message to show when validation fails: "Please, don't forget to log time spent before closing the issue."

Other examples of that function

Page: Block a transition until all sub-tasks have certain fields populated

Page: Block an epic's transition depending on linked issues status and due date

Page: Block or hide a transition for an issue depending on its issue links

Page: Block or unblock a transition after an issue rested a specific time in a status

Page: Block transition until all sub-tasks are in a specific status category

Page: Close parent issue when all sub-tasks are closed

Page: Enforce a field (Select List) to be set when another field (Radio Button) has a certain value (works with any kind of field type)

Page: Ensure that all issues linked with a certain issue link type have "Due Date" field set

Page: If field A is populated then, field B must also be populated

Page: Limit issue creation per role and issue type

Page: Limit the number of hours a user can log per day

Page: Limit valid dates for work logs

Page: Make "Time Spent" field required when there is no time logged in the issue

Page: Make a custom field mandatory when priority is "Critical" or "Blocker" and issue type is "Incident"

Page: Make attachment mandatory depending on the value of certain custom field

Page: Make different fields mandatory depending on the value of a Select List custom field

Page: Make linked issues, sub-tasks and JQL selected issues progress through its workflows

Page: Make parent issue progress through its workflow

Page: Prevent issue creation if another issue with same field value already exists

Page: Reject duplicated file names in attachments

Page: Require at least one sub-task in status "Resolved" or "Closed" when "Testing required" is selected in Check-Box custom field

Page: Require issue link when resolving as duplicate

Page: Restrict parent issue from closing if it has sub-tasks that were created during a given parent issue status

Page: Restrict sub-task type creation depending on parent issue status

Page: Restrict sub-task type creation depending on parent issue type

Page: Set a condition in a global transition which only applies in a certain status

Related Usage Examples

- Limit the number of hours a user can log per day
 - example
 - validator
 - post-function
 - work-log
- Make "Time Spent" field required when there is no time logged in the issue
 - example
 - validator
 - work-log
- Limit valid dates for work logs
 - example
 - validator
 - work-log
- Log absence time on another issue
 - example
 - post-function
 - work-log
- Set "Total time spent" to "Current date and time - date and time of last update"
 - example
 - post-function
 - work-log
- Sum "Time Spent" in all sub-tasks of issues linked with issue link types "LinkA", "LinkB", "LinkC"
 - example
 - post-function
 - issue-links
 - sub-task
 - work-log
- Automatic work log with start and stop work transitions
 - example
 - post-function
 - work-log
- Automatically log work time when the user uses a "Stop Progress" transition
 - example
 - post-function
 - custom-field
 - work-log

Page: Validate a custom field "Story Points" has been given a value in Fibonacci sequence

Page: Validate compatible values selection among dependent custom fields

Page: Validate only issue links created in transition screen

Page: Validate that multi-user picker custom field A does not contain any user in multi-user picker custom field B

Page: Validation and condition based on time expressions

Page: Validation based on the value of a date type project property

Page: Validation on issue attachments

Page: Validation on MIME types of issue attachments

Page: Validation on sibling sub-tasks depending on issue type and status

Page: Validation on the value of a Cascading Select field

- Sum sub-task's "Time Spent" (work logs) and add it to a certain linked issue
 - example
 - post-function
 - issue-links
 - sub-task
 - work-log