

Validation based on regular expression

This validator checks the **value of a field** or a **text composed of various custom fields** against a **regular expression**.



Configuration

Value

Select **how** to **retrieve** the **value** that will be checked against the regular expression. You can choose between the following options:

Option	Description
Value from field	If you select this option, you can select a specific field in a subsequent step. The value of this field will be evaluated against the regular expression.
Set value manually (parser expression)	You can enter the text to be evaluated against the regular expression using an expression in Basic text mode . Learn more about the possibilities of the JWT expression editor.

Regular expression

Enter plain text representing a **valid regular expression** and optionally use field codes to insert field values. The expression will be used to match the substring in the selected target field.

Additional options

Choose one of the following additional options to **further refine** how to evaluate the value against the regular expression.

Option	Description
Case insensitive	The evaluation will ignore the case of the input value
Multiline	Characters ^ and \$ match just after or just before, respectively, a line terminator or the end of the input sequence. By default, these characters only match at the beginning and the end of the entire input sequence.
Dot all	" . " matches any character , including a line terminator. By default, this character does not match line terminators.
Literal	Input string is treated as a sequence of literal characters. Metacharacters or escape sequences in the input sequence will be given no special meaning. Case insensitive mode retains its impact on matching when used in conjunction with this mode.
Negate condition	The condition will be met if the provided regular expression does not match.

Validation options

The validation can be **skipped** under certain circumstances. Select **one** or **multiple scenarios** in which you want to **skip** the **validation** to ensure the correct execution of certain operations.

Option	Description
Skip validation for JWT post functions	If the transition is triggered by a JWT post function , e.g. through Transition issue , the validation will be skipped.

Skip validation for bulk operations	If the transition is triggered by a bulk operation , the validation will be skipped.
Skip validation for clone operations	If the create transition is triggered by a clone operation , the validation will be skipped.
Skip validation for mail handlers	If the create transition is triggered by a mail handler , the validation will be skipped.

Error message

You can **optionally** define a custom error message in case the validator **fails**, which will be shown to the user trying to execute the transition.

You have the following options:

Location

Define **where** the error message should be displayed. By default, the message will be shown at the **top** of the transition screen, or in case there is no transition screen, as a **popup**.

Alternatively, you can locate the message below any other field. This option **only makes sense**, if there is a **transition screen** defined for the specific transition.

Due to **limitations in Jira Service Management**, the location parameter will be **ignored** on Jira Service Management related screens. The location parameter **only** works for the **Create Issue** transition screen if **JSD version 4.10** or higher is being used.

Message

Define the content of the error message in [Basic text mode](#) or [Advanced text mode](#).

Learn more about the possibilities of the [JWT expression editor](#).

In comparison to e.g. our [calculated custom fields](#) it is **not possible to display HTML** here. Displaying links to specific issues, for example, is not possible inside the error message.

Translations

After clicking on the **Add translation** button you can **optionally** translate the error message to other languages.

The language in which the error message will be displayed depends on the **language setting** of the individual **users**.

If you want to use this functionality in a **condition** instead, have a look at the [Condition based on regular expression](#).



Use cases and examples

Use case	JWT feature	Workflow function	Parser functions	Label
Prevent users from selecting specific fix versions		Condition based on regular expression Validation based on regular expression		

If you still have questions, feel free to refer to our [support team](#).