Validators

Validators are used to guarantee **accuracy of existing issue data** or data entered on a **transition scr een** before a transition is executed.



Jira ships with built-in **validators** but those are limited. JWT for Jira Cloud extends that list by offering **custom validators**.

Available validators

Jump right in and configure any of the available validators listed below. Each validator comes with built-in examples.

- Compare two values validator
- Fields required or changed
- Jira expression validator

If you need more help on how to construct expressions check out the documentation on **Jira expressions**, and available **field codes** and **operators** or check out the use cases and examples below.

Get started in no time!

To help you getting started, JWT for Jira Cloud comes with a predefined set of example configurations that you can apply with a single click.



GET STARTED

Pick one of the following example configurations and get started in no time. More details will be provided upon your selection.

- Alert the reporter
- Push status updates to the parent
- Alert the assignee of important issues

Use cases and examples

Use case	JWT feature	Workflow function	Use case description	Complexity
Block a transition based on issue links		Jira expression condition Jira expression validator	Evaluate **issue links** and hide transitions based on the outcome. This use case is valid for both conditions and validators . The only difference is that you can specify an additional **error message** when using a validator.	ADVANCED
Block a transition based on sprint information		Jira expression condition Jira expression validator	Make sure that an issue is **not** in an **active sprint**. This use case is valid for both conditions and validators. The only difference is that you can specify an additional **error message** when using a validator.	BEGINNER
Block a transition based on the day of the week		Jira expression condition Jira expression validator	Block transitions on weekends or any other day of the week. This use case is valid for both conditions and validators . The only difference is that you can specify an additional **error message** when using a validator.	BEGINNER
Block a transition if a predefined field value has not been changed		Jira expression condition Jira expression validator Update fields	Evaluate **a Date Picker field and block the transition if it has not been updated**. This use case is valid for both conditions and validators . The only difference is that you can specify an additional **error message** when using a validator.	BEGINNER

Block a transition if some issues under an epic are not in a certain status		Jira expression condition Jira expression validator	Check **whether an epic** has **all issues under it in a certain status**. This is particularly important if you want to **block an epic** as long as work is still being done on related sub-tasks. This use case is valid for both conditions and validators. The only difference is that you can specify an additional **error message** when using a validator.	INTERMEDIATE
Check current issue status		Jira expression condition Jira expression validator	Check **whether the current issue** is in a **particular status**. This use case is valid for both conditions and validators. The only difference is that you can specify an additional **error message** when using a validator.	BEGINNER
Check for at least one component		Fields required Fields required or changed	Require a at least one **component**. This use case is valid for both conditions and validators. The only difference is that you can specify an additional **error message** when using a validator.	BEGINNER
Check for unresolved sub-tasks		Jira expression condition Jira expression validator	Check **whether the current issue** has any **unresolved sub-tasks**. This is particularly important if you want to **block a parent issue** as long as work is still being done on related sub-tasks. This use case is valid for both conditions and validators. The only difference is that you can specify an additional **error message** when using a validator.	INTERMEDIATE
Check if an attachment was added recently		Jira expression condition Jira expression validator	Make sure that the current user has **uploaded a attachment** during a definite period of time. This use case is valid for both conditions and validators. The only difference is that you can specify an additional **error message** when using a validator.	BEGINNER
Check parent issue type		Jira expression condition Jira expression validator	Check whether the **parent of the current issue** is of a **certain issue type**. This is particularly important if you want to **reuse** a workflow for multiple sub-task issue types but only want a transition to be available if the sub-task belongs to a certain **user story** or a **bug**. This use case is valid for both conditions and validators. The only difference is that you can specify an additional **error message** when using a validator.	INTERMEDIATE
Check the number of times that a field has changed		Jira expression condition Jira expression validator	Check the **number of times that a field has changed**. This use case is valid for both conditions and validators. The only difference is that you can specify an additional **error message** when using a validator.	INTERMEDIATE
Current user must be reporter		Compare two values condition Compare two values validator	**Current user** must be **reporter**. This use case is valid for both conditions and validators. The only difference is that you can specify an additional **error message** when using a validator.	BEGINNER

Due date must be in the future		Compare two values condition Compare two values validator	The due date must be in the future. This use case is valid for both conditions and validators . The only difference is that you can specify an additional **error message** when using a validator.	BEGINNER
Evaluate the Parent Link field		Jira expression condition Jira expression validator	Evaluate different values of the issue in the Parent Link field of the transitioned issue. This use case is valid for both conditions and validators . The only difference is that you can specify an additional **error message** when using a validator.	INTERMEDIATE
Evaluate worklogs in sub-tasks		Jira expression condition Jira expression validator	Evaluate if **work has been logged in a sub-task** to prevent transitioning the parent issue when no work has been logged. This use case is valid for both conditions and validators . The only difference is that you can specify an additional **error message** when using a validator.	BEGINNER
Issue must have at least two attachments		Compare two values condition Compare two values validator	Require a at least two **attachments**. This use case is valid for both conditions and validators. The only difference is that you can specify an additional **error message** when using a validator.	BEGINNER
Make a fix version required and add a comment		Fields required or changed	Require a **fix version** and add a **comment**. This use case is valid for validators.	BEGINNER
Make the assignee required		Fields required Fields required or changed	Require a non empty **assignee**. This use case is valid for both conditions and validators. The only difference is that you can specify an additional **error message** when using a validator.	BEGINNER
Resolution must be empty		Fields required Fields required or changed	Not allow a **resolution** to be set. This use case is valid for both conditions and validators. The only difference is that you can specify an additional **error message** when using a validator.	BEGINNER
Validate an issue only if a comment is written during the transition		Jira expression validator	Evaluate the **comments** and hide transitions based on the outcome. This use case is only valid for validators as it involves making changes during a transition. An additional **error message** can be added.	BEGINNER
Validate worklogs		Jira expression condition Jira expression validator	Evaluate if **a user has logged more than a certain amount of time** in the latest worklog.	

If you still have questions, feel free to refer to our support team.