

Time left before the issue is due

Use case

This calculated field returns the **time left** before an issue is **due**, if a due date has been set.



Configuration

1

Create a new **Calculated Number Field (by JWT)** custom field and name it properly.

Providing a description will help you to identify what the custom field does but this step is **optional**

2

Parser expression

Add the following expression:

Math expression for Calculated number field:

```
{issue.dueDate} != null ? max({issue.dueDate} - {system.currentDateTime}, 0) : null
```

more info...

To achieve this, the following functions are used:

- Conditional operator
- `max()` is used to avoid returning a **negative** duration when the **Due date** has passed.

3

Display format

1

Choose **Duration** as **Content type**

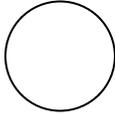
2

Choose **Short** as **Duration display format**

more info...

For this use case the format **duration** was chosen, since the numeric value being calculated, a number of milliseconds, represents a time duration.

This way the value is represented like **2d 9h 43m** instead of a single number.



Check the parameter **Uninitialized when calculated value is zero**

more info...

This parameter is set to stop calculation **once** the Due Date has been reached.

4

Add the field to the relevant view **screens**.

Remember: All calculated fields are **read-only** and cannot be manually updated on a create or edit screen.

5

Check the results

Once configured and added to an issue screen, the result will look like this:

Default Configuration Scheme for JWT calculated field

Default configuration scheme generated by Jira

Applicable contexts for scheme: [Edit Configuration](#)

Issue type(s):

Global (all issues)

Expression:

```
{issue.dueDate} != null ? max({issue.dueDate} -  
{system.currentDateTime}, 0) : null
```

[Edit expression](#)

Display format: **Duration** with **short** format.

Field will be considered as **uninitialized** (i.e. will return null) when calculated value is **z**

[Edit display format](#)

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Release Day Prep

Edit Comment Assign More ▾ Status Update Approve Reject Admin ▾

Details
 Type: Sub-task Status: **UNDER REVIEW** (View Workflow)
 Priority: Major Resolution: Unresolved
 Labels: None
JWT calculated field: 3d 8h 53m

People
 Assignee: ? Unassign Assign to me
 Reporter: Admin Ist
 Votes: 0
 Watchers: 0 Start watc

Description
 Click to add description

Attachments ...
 Drop files to attach, or browse.

Dates
 Due: 29/Nov/20
 Created: 3 hours ago
 Updated: 3 hours ago

Related use cases

Title	Field type	JWT feature	Label
Difference between the current date and the earliest due date	Number		
Elapsed time between creation and resolution	Number		STAFF PICK
Highest value out of several fields	Text		
Months elapsed	Number		
Number of days an issue was in the Open status against a JWT calendar	Number		
Number of hours in the current priority	Number		
Number of issues in the same version	Number		
Number of open subtasks	Number		
Number of times a custom field has been changed	Number		
Number of times a resolved issue has been rejected	Number		
Number of unresolved blocking issues	Number		STAFF PICK

Operate with field values from sub-tasks	Number		
Sum of field value from issues in JQL query	Number		
Sum of Tempo billable hours	Number		
Time left before the issue is due	Number		
Total of all story points in an epic	Number		STAFF PICK
Total remaining estimate in an epic (all linked issues)	Number		
Total remaining estimate in an epic (no sub-tasks)	Number		
Total time logged on an epic	Number		

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