

JWT calculated text fields

This type of **read-only** custom field has a value which is dynamically calculated from a custom text expression. It can be used to show a text composed from one or more field values returned by field codes.

You can also create any custom text value depending on the values of other fields in the **current issue** or in any **other issues** (linked issues, sub-tasks, epics, stories, JQL selected issues, etc).

Learn more about working with [Texts](#).



Configuration

Configuring a calculated text field is straightforward. You just have to configure a valid **parsing mode** and add a **parser expression**, which will "calculate" the output.

1

[Create](#) a new **Calculated Text 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

Parsing mode

Make sure to select the correct parsing mode for your expression. Learn more about [Parsing modes](#).

Basic text mode	Advanced text mode
Expression This issue was last updated on %{issue.lastStatusChange}.	Expression "This issue was last updated on" + %{issue.lastStatusChange} + "."

The parsing mode will define the **syntax** of your expression. Using [parser functions](#) will **only work** in advanced mode.

3

Text expression

Add a valid parser expression which will "**calculate**" the output.

Usually field codes will be used for this purpose.

Expression
<code>%{issue.lastComment} #</code> This example simply returns the last comment of an issue.

Use cases and examples



Title	Field type	JWT feature	Parser functions	Label
Check if an issue was resolved on time	Text		datePart()	
Components from all sub-tasks	Text		toString() distinct() fieldValue() subtasks()	
Details of the last comment	Text			STAFF PICK
Difference between two dates in business days	Text		formatWorkDuration() timeDifference()	
Display additional details of the issue creator	Text			
Display current issue's project category	Text			
Display historic due dates	Text		toString() textOnNumberList() fieldHistory() dateToString()	
Display reporters of linked Cloud issues	Text		executeRemoteAction() findPattern() toStringList() toString() distinct()	
Google Maps location	Text		replaceAll() toLowerCase()	STAFF PICK
Highest ranked custom field value among all linked issues	Text		first() sort() fieldValue() linkedIssues()	
Last comment, its author, and timestamp	Text		userFullName() dateToString() last() allCommentDates()	STAFF PICK
Last commenter's full name	Text		userFullName()	

Status and assignee of parent issue

Text



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