

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} # This example simply returns the last comment of an issue.</code> |

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.