# **Calculated Date-Time Field**

#### On this page

- Calculated Date-Time Field
- Configuration
- · Example: Date-Time of creation of an epic

## Calculated Date-Time Field

This type of **read-only** custom field has a value which is dynamically calculated from a custom math/time expression. It can be used to obtain a date-time value depending on the value of other fields in current issue, or in any other issues: linked issues, sub-tasks, epics, stories, JQL selected issues, etc.



For stability reasons, self-referencing of the field to be configured is not allowed in basic mode. In all other modes, we do not recommend using the field code, except in special cases

# Configuration

#### Edit Math/Time Expression

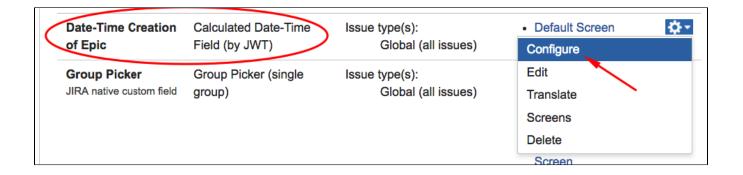
This parameter contains a valid math/time expression that will be calculated each time the value of the field is required.

The **math/time** expression is expected to return a numeric value that represents a moment in time as the **milliseconds** elapsed since January 1, 1970, 00:00:00 GMT.

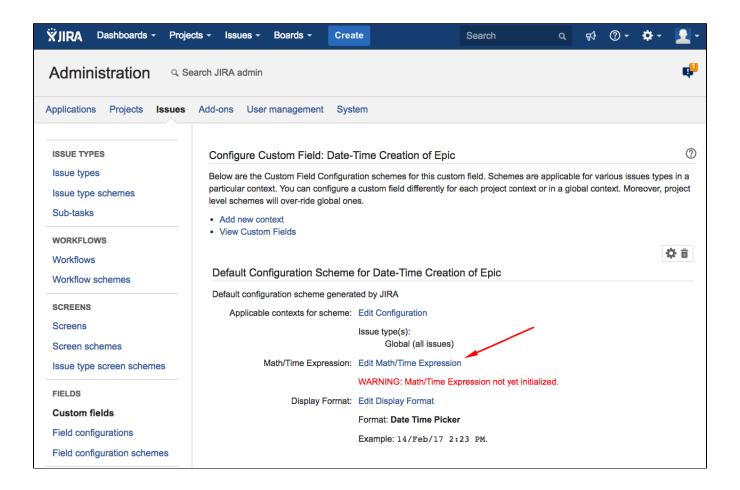
# Example: Date-Time of creation of an epic

In this example we show how to create a calculated number field called "Date-Time Creation of Epic" that will return the date-time of creation of the E pic issue. When current issue doesn't have an Epic issue, then the null is returned, and no value is shown.

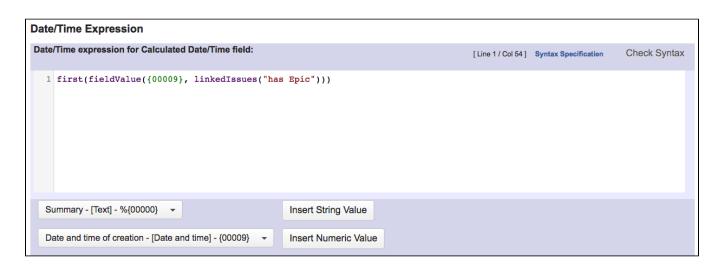
- 1) Create a new Calculated Date-Time Field custom field called "Date-Time Creation of Epic" at Administration > Issues > Custom fields > Add Custom Field > Advanced > Calculated Date-Time Field (by JWT)
- 2) Go to configuration screen of the newly created custom field:



3) Click on 'Edit Math/Time Expression':



4) Configure the field by entering a **math/time expression**:



5) Once configured, the configuration of the new custom field looks like this:

### Default Configuration Scheme for Date-Time Creation of Epic

Default configuration scheme generated by JIRA

Applicable contexts for scheme: Edit Configuration

Issue type(s):

Global (all issues)

Math/Time Expression: Edit Math/Time Expression

first(fieldValue({Date and time of creation}, linkedIssues("has

Epic")))

Display Format: Edit Display Format

Format: Date Time Picker

Example: 14/Feb/17 2:22 PM.

The math expression used in this example is: first(fieldValue({00009}, linkedIssues("has Epic"))), where {00009} is code for numeric value of Date and time of creation field.