Display formats

The **display format** basically lets you format your calculated number or date-time fields the way you want them.

As the name states, the format will be used to **display** or **present** the **result** of your **calculation**. Internally the field value is always stored as a [NUMBER]

Where do I update the display format?

To update the display format of your calculated field you simply have to follow these steps:

1 Navigate to the **custom fields configuration page.**

> If you have our app **Admin Toolbox for Jira** installed ,simply press "**gx**" and type the name of your custom field.

2 Find your **calculated field** and click on **Actions Configure**

3 Click on **Edit display format**

> The various formatting options depend on the type of the calculated field.

Calculated number fields

Calculated **number fields** are generally used to either store a **number** or a **duration**.

Depending on your first choice, the **content type**, you have different formatting options.

Number

If your calculated field is being used to store a **simple number** (e.g. a dollar amount), you have the following formatting options:

Number format pattern

Choose a valid pattern and freely use additional characters to indicate the entities (e.g. currencies, weights etc.)

Example field value	Pattern	Displayed value	Description
123456.789	###,###.###	123,456.789	Each pound sign (#) denotes a digit, the **comma** is a placeholder for the **thousands separator**, and the **period** is a placeholder for the **decimal separator**.
123456.789	###.##	123456.79	The **value** has **three digits** to the **right** of the **decimal point**, but the pattern has only **two**. The last digit will be **rounded up**.

123.78	000000.000	000123.780	The **pattern** specifies **leading** and **trailing zeros**, because the 0 character is used instead of the pound sign (#).
12345.67	**$###,###.###**	**$12,345.67**	Special characters (e.g. the dollar sign **$**) can be used as a pre-fix or suffix.
12345.67	**###,###.### EUR**	12,345.67 **EUR**	Special characters (e.g. the **EUR** sign) can be used as a pre-fix or suffix.

When **no pattern** is entered, a **default** number pattern is automatically selected according to **current user's profile configuration**.

Uninitialized when calculated value is zero

When **checked**, the field will be treated as not initialized (i.e., will return **null**) when the calculated value is zero. When a field is not initialized, **it won't be shown in the issue detail view.**

Duration

If your calculated field is being used to store a **duration** (e.g. hours between the current date-time and the due date), you will have the following formatting options:

Duration display format

Format	Example
Long	`1 day, 11 hours, 30 minutes`
Short	`1d 11h 30m`

Use time tracking settings

When checked, JWT will use the number of **working hours per day** and number of working **days per week** as configured in your global **Jira time tracking configuration**, instead of 24 hours per day and 7 days per week.

Uninitialized when calculated value is zero

When **checked**, the field will be treated as not initialized (i.e., will return **null**) when the calculated value is zero. When a field is not initialized, **it won't be shown in the issue detail view.**

The content of the field must contain the **number of milliseconds** representing a time duration. Learn more about working with times and dates.

Calculated date-time fields

Calculated **date-time fields** are generally used to store - as the name suggests - a date-time. Learn more about working with times and dates.

Date-times are internally stored as a [NUMBER] and can be displayed in the following formats.

Formatting options

Format type

The example value of the calculated date-time field is the [NUMBER] representing **January 1st of 2020, 00:00**.

Format type	Example output
Date Time Picker	03/Jul/20 11:42 AM
Date Picker	3/Jul/20
Relative	2 minutes ago
Relative always with Time	4 days ago
Relative without Time	2 minutes ago
ISO 8601 Date	2020-07-03
ISO 8601 Date Time	2020-07-03T11:44:51+0200
RSS RFC822 Date Time	Fri, 3 Jul 2020 11:45:01 +0200
Time only	11:45 AM
Custom Format	11 o'clock AM, Central European Summer Time

Up to a certain number of days Jira can show **relative** timespans (e.g. Just now, or 1 minute ago) before switching to a default date-time display.

Using the format **Relative without Time** will switch to the standard **Date Time Picker** when the switch happens.

Using **Relative without Time** will switch to the standard **Date Picker** when the switch happens.

Custom date-time pattern

This option is only available if you choose **Custom Format**. The formats are based on the Simple Date Format.

Time zone

Select the **time zone** to be used for displaying the date-time value of the calculated field.

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