# Copy excerpted value

This post function lets you **copy an excerpt** of a specific field.

## ⚙ Configuration

### Source field

Select the field the value will be **copied** or **extracted** from.

## Target field

Select the field the value will be **copied to**.

## Excerpt configuration

**Leading delimiter**

The value that will be extracted is **enclosed** by a **leading** and a **trailing delimiter**. You first have to define the type of the leading delimiter:

| Option | Description |
|---|---|
| Text (case sensitive) | Specify the text that will serve as the leading delimiter. The text found by JWT must exactly match the delimiter (case sensitive). |
| Text (ignoring case) | Choose this option if JWT should ignore the case. |
| Regular expression (case sensitive) | Define a regular expression as the leading delimiter, respecting the case. |
| Regular expression (case sensitive) | Choose this option if JWT should ignore the case. |

**Expression**

Once you have specified **how** JWT should identify the delimiter, you now have to specify the exact value. **Dynamic patterns** can be created through insertion of field codes that will be replaced with the corresponding field values.

**Trailing delimiter**

The options and the handling are identical to the leading delimiter configuration.

Delimiters specify the boundaries in which JWT extracts a value matching the given **pattern**. The pattern **must follow directly** after the leading delimiter.

Specifying delimiters is **optional**. If you want to search for a pattern in the entire field value leave the delimiters empty.

**Delimiter examples**

| Text | Option | Leading delimiter | Trailing delimiter | Output |
|---|---|---|---|---|
| Hey [~a.grant], | Text (case sensitive) | [~ | ] | a.grant |
| could you please have a look on CRM-8? | Text (ignoring case) | e-mail: | ) | t.harris@company.com |
| Thank you! | Regular expression (case sensitive) | ([A-Z]{3}-) | \? | 8 |
| | | | | |
| Tom | | | | |
| (E-mail: t.harris@company.com) | | | | |

| | Regular expression (case insensitive) | ([a-z]{3}-) | \? | 8 |
| --- | --- | --- | --- | --- |

**Excerpt pattern**

Select which **pattern** (e.g combination of numbers or text values) will be searched for between the delimiters. The following options are available:

| Option | Description |
| --- | --- |
| None (copy whole text between the delimiters) | Select this option if you want to copy the **entire text** found between the delimiters. |
| Number | When you select this option, a regular expression will be constructed for you in the background. This expression will match the vast majority of possible values, but there might be valid values that don't match these regular expressions<br><br>If you want to be sure to definitely include all values, please select "None (copy whole text between the delimiters)" or specify your own regular expression by selection one of the regular expression options. |
| URL | Same as above. |
| Email | Same as above. |
| Date and time | Specify a valid date-time pattern. Additional information about date-time patterns can be found here. |
| Regular expression (case sensitive) | Specify the pattern to be copied by defining a regular expression **respecting** the case. |
| Regular expression (ignoring case) | Specify the the pattern to be copied by defining a regular expression **ignoring** the case. |

When selecting one of the regular expression options, you will be able to enter a regular expression to further process the matched text.

**Multiple pattern matches**

**Unless** you choose to copy the **entire text** between the delimiters, you have to select **which value** should be processed in case of **multiple occurrences** of the specified **pattern** (e.g. multiple email addresses). The following options are available:

| Option | Description |
| --- | --- |
| First | The **first** occurrence of the matched pattern in the source field will be copied. |
| Last | The **last** occurrence of the matched pattern in the source field will be copied. |
| All | **All** occurrences of the matched pattern in the source field will be copied. Values are returned as a comma separated list of values |

## Additional options

You have the following options:

| Option | Description |
| --- | --- |
| Update issue immediately | Choose to **update issues immediately** if you want Jira to fire a separate "Issue updated" event for any field change. This will also result in a dedicated **issue history** entry. |
| Write protection | Check the **write protection** option if you want to prevent a field to be updated, if it already has a value. If checked, only empty fields will be set. |
| Include leading delimiter | If checked, the specified **leading** delimiter will be **included** in the output. |
| Include trailing delimiter | If checked, the specified **trailing** delimiter will be **included** in the output. |

# Conditional execution

You can **optionally** specify a logical expression to define the circumstances (or conditions) under which the post function should be executed.

The result of the logical expression must return a boolean value of either:

- **true** the post function will be executed
- **false** the post function will **not** be executed

> Using the **conditional operator,** even complex or multi-layered conditions can be constructed.
>
> Make sure to learn more about defining logical expressions and browse through the various **examples** here: Logical mode

# Run as

Select which **user** will be used to execute this post function. By default this parameter is set to the **current user**. You can also use field codes to run the function as a dynamic user (e.g. current assignee).

> Make sure that the user running the post function has all the **relevant permissions** to perform the actions defined in the configuration (e.g. "Update Issues")!

> If you want to keep track the actions being performed automatically, we suggest to create a **dedicated JWT account**, granted all relevant **permissions**, and use it in the Run as parameter to identify which changes have been made with JWT.

## 📁 Use cases and examples

| Use case | JWT feature | Workflow function | Parser functions | Label |
|---|---|---|---|---|
| Extract an email address from the last comment | ⚙️ | Copy excerpted value | | |
| Extract the issue priority from the summary | ⚙️ | Copy excerpted value | | |

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