

Set security level based on groups and project roles the reporter or creator are in

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Features used to implement the example

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Example: Set security level based on groups and project roles the reporter or creator are in

Is there a way to set the Issue of ticket when created based on a group the User is in? We want the default security to be open when an issue is created, but if a certain set of users create a ticket we want the security to be restricted.

Yes, you can set **Security Level** of an issue based on almost any circumstance you may imagine, and of course you can do it based on the **groups** or **project roles** one or more users are in.

To do it you can use post-functions [Copy parsed text to a field](#) using **advanced parsing mode**, or [Set a field as a function of other fields](#) using **type 2** setting rules.

I explain you how to do it both ways. Let's suppose we want to set issue security level to **"Restricted"** if **reporter** or **creator** are in project role **"Manager"** or group **"Bosses"**, otherwise security level will be set to **"Public"**. I'm supposing that **"Restricted"** and **"Public"** are security levels in the Security Level Scheme of my project:

Using [Copy parsed text to a field](#)

Target field:

Security level - [Security level]

Field to be written with the resulting parsed text.

☐ Don't overwrite target field if it's already set.

Parsing Mode:

☐ Basic

Basic mode: Insert field codes anywhere in the text, and they will be replaced with corresponding field values. Field code formats are `%(nnnnn)`, and `%(nnnnn.i)` for Cascading Select fields (i = 0 for base level).

☒ Advanced

Advanced mode: Strings literals are written in double quotes (*"This is a string."*). Operator `*` is used to concatenate strings, and field codes are like in basic mode, e.g., *"Issue key is " + %(00015) + " "*. More information at [parser syntax documentation](#).

Text to be parsed and then copied to target field:

[Line 1 / Col 158]

[Syntax Specification](#)

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```
{isInGroup(%{00006}, "Bosses") OR isInGroup(%{00148}, "Bosses") OR isInRole(%{00006}, "Manager") OR isInRole(%{00148}, "Manager")) ? "Restricted" : "Public"}
```

Text to be parsed in this example is:

```
(isInGroup(%{00006}, "Bosses") OR isInGroup(%{00148}, "Bosses") OR isInRole(%{00006}, "Manager") OR isInRole(%{00148}, "Manager")) ? "Restricted" : "Public"
```

Note that:

- %{00006} is field code for "Reporter"
- %{00148} is field code for "Creator"

Alternative Implementation

Using [Set a field as a function of other fields](#)

Field to be checked for matching with type 1 setting rules:	Summary - [Text] This field is only used by rules where conditional part is a regular expression written in brackets: <code>"(regular_expression)"value</code>
Target field to be set:	Security level - [Security level] Field to be set by first matched setting rule. Type of the field is shown in square brackets. Check documentation on Virtual Fields to get information about suitable values for setting selected target field. ☐ Don't overwrite target field if it's already set.
Setting rules: There are two types of setting rules, and both types can be combined in the same post-function. Rule formats: - type 1: <code>"(regular_expression)"value</code> - type 2: <code>"[boolean_expression]"value</code> Write only one rule per line. <i>value</i> may be a parsed text or a mathematical or time formula, depending on the type of selected <i>Target field</i> . Regular expression syntax	1 [isInGroup(%{00006}, "Bosses")]Restricted 2 [isInGroup(%{00148}, "Bosses")]Restricted 3 [isInRole(%{00006}, "Manager")]Restricted 4 [isInRole(%{00148}, "Manager")]Restricted 5 [true]Public ☐ Evaluate all the setting rules, not stopping at first match. Only for multi-valued and ephemeral target fields. [Line 5 / Col 14]

Setting rules used in this example are:

```
[isInGroup(%{00006}, "Bosses")]Restricted
[isInGroup(%{00148}, "Bosses")]Restricted
[isInRole(%{00006}, "Manager")]Restricted
[isInRole(%{00148}, "Manager")]Restricted
[true]Public
```

The difference between "Reporter" and "Creator" is that the creator is the user who **actually created the issue**, and because of that **can't be edited**, while the reporter is the user who **informed about the issue**, and **can be edited** if you have the necessary permissions to do it.

Other examples of that functions

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