

Combine the values of several Multi-User picker fields

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Features used to implement the example

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

Example: Combine the values of several Multi-User picker fields

I have added to [Jira Workflow Toolbox](#) 2.0.20_beta_2 the possibility to insert more than one **+**,**-** operator in a sole setting operation. This way you can achieve to do the merge of the values of the 5 multi-user picker fields, and remove the values of the other 2 multi-user picker fields. I show you how to do it.

Let's suppose we want to set a multi-user picker field **Team** with the combined values of five multi-user picker fields **Users A**, **Users B...** **Users E** minus the values of other two multi-user picker fields **Users F** and **Users G**. You should do it like that:

Update parameters of the Copy a parsed text to a field Function for this transition.
Update parameters of the Copy a parsed text to a field Function for this transition.
Target field:
Ephemeral string 1
Text to be parsed and then copied to target field:
%{10200}, %{10201}, %{10202}, %{10400}, %{10401}, - %{10402}, %{10403}

Update parameters of the Copy a parsed text to a field Function for this transition.
Update parameters of the Copy a parsed text to a field Function for this transition.
Target field:
Team
Text to be parsed and then copied to target field:
%{00061}

- Compose a free text inserting field codes that will be replaced by corresponding field values prior to be copied to target field.
- You can reference parent and child values of cascading select fields writing %{xxxxx.0} for parent value, and %{xxxxx.1} for child value.
- You can change reporter, assignee, due date, issue status, priority, resolution, labels, components, fixed versions, affected versions, original estimate, estimated, time spent, and security level by choosing the suitable target field and value to be assigned.
- To assign cascading selects, multi selects, multi checkboxes, components, labels, fixed versions and affected versions you should use comma or semicolon separated values.
- Additionally, fields of type Select list, Radio button, Multi select, Multicheck box, Multi user, Multi groups, Components and Versions can be set through regular expressions: options that matches a regular expression can be set by writing `//(regular_expression)/`, and options that doesn't match a regular expression can be set by writing `//!(regular_expression)/`.
- Setting and unsetting individual values in multi-valued fields, leaving the rest untouched, can be achieved simply by inserting a character '+' or '-' preceding the value or the list of values. You can insert more than one '*' / '?' character in a sole setting operation.
- Fields Attachments (only new attachments will be added) and Attachments (all current attachments will be replaced) expect one or more issue keys whose attachments will be copied to current issue.
- You can also use this post-function to cast a string into a number.

Once configured, the transition will look like this:

All
Conditions (1)
Validators (0)
Post Functions (8)

Add a new post function to the unconditional result of the transition.

The following parsed text will be copied to **Ephemeral string 1**:
#Users A#, #Users B#, #Users C#, #Users D#, #Users E#, - #Users F#, #Users G#
Edit | Move Down | Delete

THEN

The following parsed text will be copied to **Team**:
#Ephemeral string 1#
Edit | Move Up | Move Down | Delete

THEN

I have used an auxiliary field "**Ephemeral string 1**" because of a bug in the plugin that prevents you to use [Copy parsed text to a field](#) to write a custom field (not a virtual field) in the first post-function of a transition. If you do it, nothing will be written on the custom field. That is why I write on a virtual field "**Ephemeral string 1**" in first place, and then write the value to custom field "**Team**". If you move the assignment to a second, third, fourth... place in post-function execution order, you can do it in a sole post-function.

Other examples of that function

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Related Usage Examples

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- [Triage Jira Service Desk email requests \(Move issues\)](#)
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Page: Set field depending on time passed since issue creation

Page: Set priority for issues that have been in a certain status for longer than 24 hours

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Page: Transition linked issues in currently active sprint

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Page: Transition parent issue only when certain issue sub-task types are done

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Page: Validation on issue attachments

Page: Validation on MIME types of issue attachments

Page: Writing a comment to blocked issues when blocking issues are resolved

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