JWT Release Notes 2.1.22

[2014-10-06] Released Jira Workflow Toolbox 2.1.22

New features

- New function toStringList(multivalued_field) returns the list of selected values as a string list type.
- New comparison operators any in and none in. These operators work with multi-valued fields, number list, string list and issue list types.
- New functions max(number list) and min(number list) return the maximun and minimum values in a number list respectively.
- New infix operators UNION, INTERSECT, APPEND and EXCEPT are now available. These operators work exactly as currently existing
 homonymous functions, and work also on number list, string list and issue list types. Using these operators instead of function alternative,
 makes expressions shorter and more readable.
- New virtual field "Date and time of latest status change".
- String List and Number List can now be written as literals. Examples: ["red", "blue", "white"] and [1, 2, 3]. It makes possible expressions like: % {00012} in ["Blocker", "Critical"], where %{00012} is field code for field Priority.
- New function toString(number, number_of_decimals). This function returns number in string format rounding the fractional part to show a limited number of decimal digits.
- New functions transitivelyLinkedIssues(issue_link_types), transitivelyLinkedIssues(issue_link_types, issue_keys) and transitivelyLinkedIssues(issue_link_types, issue_list): returns directly linked issues and also transitively linked issues.
- New function availableItems(selectable field) returns a string list with the possible values for the field. This function works on the following types of fields: versions, components, tags, select, multi-select, attachments, multi-user, multi-group, security level and issues.
- Support for custom fields "Transition Count Field" introduced in last version of Jira Misc Custom Fields.

Improvements

- Function toString() now works with boolean type.
- Operators ~, !~, in and not in now work with (number, number list) and (string, string list) type arguments.
- All features using a JQL query among its configuration parameter now automatically add double quotes to all field codes injected in the JQL query, (i.e., transform %{nnnn} into "%{nnnn}"). This avoids errors at execution time when values stored in those fields contain spaces.

Fixed bugs

- Function toString() wasn't working with number list, string list and issue list types.
- Fixed minor bug in parser, related to the mechanism for avoiding evaluation of non-necessary terms, once final result has been determined by partial evaluation of the expression.
- Field "Previous status" now returns previous status different from current one, i.e., transitions to same status are filtered.
- #73 and #74: Major bug introduced in version 2.1.21 in "User in field Reporter isn't in project role".