JWT Release Notes 2.1.31

[2015-05-08] **Released [Jira Workflow Toolbox](#) 2.1.31**

New features

- New post-function "**Clone issue links**": it imports issue links from cloned issue. When added to "*Create Issue*" transition, this post-function ensures that issue links will always be cloned, even if the user forgets to check "*Clone Links*" checkbox.

- New very powerfull filtering functions have been added to the parser:

FUNCTION	RETURNED VALUE
filterByPredicate(*issue list* **l**, *boolean expression* **predicate**) : *issue list*	Returns a list with issues in **l** that validate **predicate**. Argument **predicate** is a boolean expression, where references to field values in **l** are done using prefix **^** for field codes. Examples of field references: **^%{00000}** is field code for **Summary**, and **^{00068}** is field code for **Original estimate** of issues in argument **l**. Examples of usage: *filterByPredicate(subtasks(), ^%{00094} in %{00094})* returns the list of subtasks with selected *Components* in current issue's selected components. *filterByPredicate(linkedIssues("blocks"), %{00028} = null AND ^{00017} < {00017})* returns the list of unresolved blocked issues with priority higher than current issue's priority.
filterByPredicate(*number list* **l**, *boolean expression* **predicate**) : *number list*	Returns a list with numbers in **l** that validate **predicate**. Argument **predicate** is a boolean expression, where **^** is used for referencing numeric values in argument **l**. Examples: *filterByPredicate([1, 2, 3, 4], ^ > 2)* returns values greater than 2, i.e., *[3, 4]* *filterByPredicate([1, 2, 3, 4], remainder(^, 2) = 0)* returns even values, i.e., *[2, 4]*
filterByPredicate(*string list* **l**, *boolean expression* **predicate**) : *string list*	Returns a list with strings in **l** that validate **predicate**. Argument **predicate** is a boolean expression, where **^%** is used for referencing string values in argument **l**. Examples: *filterByPredicate(["book", "rose", "sword"], length(^%) > 4)* returns *["sword"]*. *filterByPredicate(["book", "rose", "sword"], ^% in %{00000} OR ^% in %{00001})* returns a list with those strings in first argument that also appear in issue *Summary* or *Description*.

Improvements

- Added support for filtering by **field values** to the following features:
    - Condition on linked issues
    - Condition on subtasks
    - Condition on a list of issue keys
    - Validation on linked issues
    - Validation on subtasks
    - Validation on a list of issue keys
    - Write field on linked issues or subtasks
    - Read fields from linked issues or subtasks

- Configuration screens revised for improved understandability in the following features:
    - Condition on linked issues
    - Condition on subtasks
    - Condition on a list of issue keys
    - Validation on linked issues
    - Validation on subtasks
    - Validation on a list of issue keys

- Added support for **groups** to "[Add or remove watchers](#)" post-function.
- Support "**Sprint**" the Jira Agile's custom field.

Bug fixes

- Virtual field "**Transition's attachments**" and "**Transition's attachments with details**" were failing in certain circumstances since Jira 6.4.
- Parser function "**filterByNumericFieldValue()**" failed when there are some issue to be filtered with non-initialized fields.
- Parser function "**transitivelyLinkedIssues()**" didn't include in its output issues directly linked to current issue, as it was supposed.
- Minor UI failures.