JWT Release Notes 2.2.12

[2016-06-20] **Released [Jira Workflow Toolbox](#) 2.2.12**

New Features

- Added new parser functions:

FUNCTION	RETURNED VALUE
toInteger(*string* **s**, *string* **radix**) : *number*	returns the numeric value represented by the string **s** as a signed integer in the radix specified by argument **radix**. Example: `toInteger("ff", 16)` returns `255`.
findModify(*string* **s**, *string* **regexp**, *string* **replacement_expression**) : *string list*	Returns a string like **s**, but where all substrings matching **regexp** have been replaced with the result of evaluating **replacement_expression** against each these substrings. Argument **text_expression** is an expression that returns a *string*, where ^% represents each of the matching substrings, and ^ represents the order of appearance beginning with **1**. Example: `findModify("The cure for boredom is curiosity.", "[aeiou]", modulus(^, 2) = 1 ? toUpperCase(^%) : ^%)` returns `"ThE curE for bOredOm is cUriOsity."`.
getAscii(*number* **code**) : *string*	returns a string containing the symbol corresponding to a extended ASCII **code** (0 <= **code** <= 255). Example: `getAscii(65)` returns `"A"`.
isBulkTriggeredTransition() : *boolean*	Returns *true* only if current transition execution is being **triggered by Jira's [bulk operation](#) feature. This function is useful for bypassing validations or post-functions when a transition is being executed by a [bulk update operation](#).**
allAvailableItems(%{nnnnn}) : *string list*	Returns a string list with all available options in select or multiselect field with field code **%{nnnnn}**. Disabled options are included. Example: `availableItems(%{00103})` returns a string list with all *security levels* available for the project and current user.
allAvailableItems(%{nnnnn}, *string* **option**) : *string list*	Returns a string list with the available child options in cascading or multilevel cascading field with ID **%{nnnnn}**, and for option parent **option**. In the case of multilevel cascading fields, a comma separated list of options should be entered. Disabled options are included.

- New virtual field "**Jira base URL**" that returns the base URL for current Jira instance.

- [Issue #281](#)

Improvements

- Now all the validations provide two options for inhibit the validations when transition is being triggered by a [bulk operation](#), or by a [Make linked issues, sub-tasks and JQL selected issues progress through its workflows](#).

- Support for reading custom fields created by "[Checklist for Jira](#)" add-on. These fields cannot yet be updated using Jira Workflow Toolbox.

- [Issue #330](#) - Since version *2.2.12*, functions `availableItems(field_code)` and `numberOfAvailableItems(field_code)` only consider enabled options. Until now this functions returned also disabled options.

- **Dynamic failure messages on validations**: now validation's failure message can include field codes that will be replaced with their values in runtime.

- Ephemeral string fields are now available in *Author* parameter on " [Add a comment](#)" post-function.

- [Regular expression renderer](#) post-function now works with DOTALL and UNICODE_CASE flags activated by default.

- [Condition and validation based on JQL query](#) UI has been refurbished.

- Several UI improvements.

Bug Fixes

- [Issue #333](#): SECURITY XSS on 'View transition's configuration' page.

- [Issue 331](#): Tempo Account fields break after Tempo Timesheets 8.0. This issue has been partially fixed, since Tempo Account fields now can be read with Tempo Timesheets 8.x, but cannot yet be updated.

- [Issue #339](#): Writing on virtual field "**New watchers**" can fail in certain circumstances.

- [Issue #338](#) - Updated Event not being thrown when updating issues different from current one.

- Function `availableItems(%{nnnnn}, option)` was failing.

- Fixed minor javascript bug on validations' failure message.