

JWT Release Notes 2.2.8

[2016-02-25] Released [Jira Workflow Toolbox 2.2.8](#)

New Features

- New functions in the parser:

FUNCTION	RETURNED VALUE
usersInRole (<i>string projectRoleName</i>) : <i>string list</i>	Returns the list of <i>user names</i> (not be confused with <i>full user name</i>) of those active users playing project role with name projectRoleName in current issue's project. Parameter projectRoleName can be a comma separated list of project role names, returning the users that play any of the project roles.
usersInRole (<i>string projectRoleName, string projectKey</i>) : <i>string list</i>	Equivalent to the previous function but with extra argument projectKey for selecting the project argument projectRoleName refers to.
usersInGroup (<i>string groupName</i>) : <i>string list</i>	Returns the list of <i>user names</i> of those active users in group with name groupName . Parameter groupName can be a comma separated list of group names, returning the users that belong to any of the groups.
defaultUserForRole (<i>string projectRoleName</i>) : <i>string</i>	Returns the <i>user name</i> of the Assign to project role playing project role with name projectRoleName in current issue's project, or <i>null</i> if no default user is defined for the project role.
defaultUserForRole (<i>string projectRoleName, string projectKey</i>) : <i>string</i>	Equivalent to the previous function but with extra argument projectKey for selecting the project argument projectRoleName refers to.
lastAssigneeInRole (<i>string projectRoleName</i>) : <i>string/V</i>	Returns the <i>user name</i> of the last user who had current issue assigned, and currently plays project role with name projectRoleName in current issue's project, or <i>null</i> if current issue was never assigned to a user currently in the project role.
lastAssigneeInRole (<i>string projectRoleName, string issueKey</i>) : <i>string</i>	Returns the <i>user name</i> of the last user who had issue with key issueKey assigned, and currently plays project role with name projectRoleName in current issue's project, or <i>null</i> if current issue was never assigned to a user currently in the project role.
leastBusyUserInRole (<i>string projectRoleName</i>) : <i>string</i>	Returns the name of the active user playing project role with name projectRoleName in current issue's project, and has the lower number of issues with resolution empty assigned; or <i>null</i> if there isn't any user in the project role. Parameter projectRoleName can be a comma separated list of project role names, returning the least busy users among the project roles.
leastBusyUserInRole (<i>string projectRoleName, string projectKey</i>) : <i>string</i>	Equivalent to the previous function but with extra argument projectKey for selecting the project argument projectRoleName refers to.
textOnNumberList (<i>number list numbers, string text_expression</i>) : <i>string list</i>	Returns a list of strings resulting of evaluating text_expression against each of the numeric values in argument numbers . Argument text_expression is an expression that returns a string, where ^ represents each numeric value in argument numbers . Example: <code>textOnNumberList([1, 2, 3, 4, 5], substring("smile", 0, ^))</code> returns string list ["s", "sm", "smi", "smil", "smile"].
mathOnNumberList (<i>number list numbers, number math_time_expression</i>) : <i>number list</i>	Returns a list of numbers resulting of evaluating math_time_expression against each of the numeric values in argument numbers . Argument math_time_expression is a math/time expression, where ^ represents each numeric value in argument numbers . Example: <code>mathOnNumberList([1, 2, 3, 4, 5], ^ * 2)</code> returns number list [2, 4, 6, 8, 10].
textOnStringList (<i>string list strings, string text_expression</i>) : <i>string list</i>	Returns a list of strings resulting of evaluating text_expression against each of the strings in argument strings . Argument text_expression is an expression that returns a string, where ^% represents each string in argument strings . Example: <code>textOnStringList(["albert", "riCHard", "MARY"], capitalizeWordsFully(^%))</code> returns ["Albert", "Richard", "Mary"].
mathOnStringList (<i>string list strings, number math_time_expression</i>) : <i>number list</i>	Returns a list of numbers resulting of evaluating math_time_expression against each of the issues in argument issues . Argument math_time_expression is a math/time expression, where ^% represents each string in argument strings . Example: <code>mathOnStringList(["a", "ab", "abc", "abcd", "abcde"], length(^%))</code> returns [1, 2, 3, 4, 5].

Improvements

- Function `previousValue()` now can return *null* with numeric fields for indicating that a field was previously unset.
- Functions `toNumber()` and `stringToDate()` now return *null* when can't parse the string argument. In previous versions an error was thrown.
- Functions `first()` and `last()` now returns *null* when used on empty string or number lists. In previous versions an error was thrown.
- Function `nthElement(list, index)` now returns *null* when *index* argument is greater than the number of elements in *list* argument.
- Improvement in parse error reporting in [Boolean condition and validator with math. date-time or text-string terms](#).

Bug Fixes

- [Issue #239](#) - Reflexive generic transition not working
- [Issue #240](#) - Bug in `addDaysSkippingWeekends()` and related functions.
- [Issue #238](#), [Issue #248](#) - **CRITICAL FIX** - Transitioning of parent issue, linked issues, subtasks and JQL selected issues could stop working in Jira 7.x
- "[Set a field as a function of other fields](#)" post-function by default type 1 setting rules only evaluated first line in fields with more than one line, like issue "[Description](#)".
- [Issue #243](#)

