

JWT Release Notes 2.2.30

[2017-02-03] Released [Jira Workflow Toolbox 2.2.30](#)

New features

- 10 new parser functions:

Function	Returned value
toString (number list I , number decimals , string separator) : string	Returns a string with a list of decimal representations of the numeric values in I , with the number of characters in the decimal part specified by parameter decimals and separated by string separator . Example: <code>toString([1.123, 2.452, 3.64612], 2, " : ")</code> returns the following string: "1.12 : 2.45 : 3.65".
toString (string list I , string separator) : string	Returns a string a list of string values in I separated by string separator . Example: <code>toString(["blue", "red", "green"], "; ")</code> returns "blue; red; green"
toString (issue list I , string separator) : string	Returns a string with a list of issue keys separated by string separator . Example: <code>toString(subtasks(), " ")</code> returns "CRM-5 CRM-6", being CRM-5 and CRM-6 the keys of current issue's sub-tasks.
formatDuration (number duration) : string	Returns a string with the pretty representation of a time duration, i.e. a subtraction of 2 date-time values, using the language of current user's profile. Example: <code>formatDuration(2017-01-31 11:30 - 2017-01-30 00:00)</code> returns "1 day, 11 hours, 30 minutes".
shortFormatDuration (number duration) : string	Returns a string with the most compact representation possible of a time duration, i.e. a subtraction of 2 date-time values, using the language of current user's profile. Example: <code>shortFormatDuration(2017-01-31 11:30 - 2017-01-30 00:00)</code> returns "1d 11h 30m".
escapeHTML (string s) : string	Escapes the characters in a string s using HTML entities. Example: <code>escapeHTML("<Français>")</code> returns "<Français>".
unescapeHTML (string s) : string	Unescapes string s containing entity escapes to a string containing the actual Unicode characters corresponding to the escapes. Example: <code>unescapeHTML("&quot;bread&quot; &amp; &quot;butter&quot;")</code> returns "\"bread\" & \"butter\"".
allCommentCreators () : string list	Returns a string list with the user names of comment creators in current issue, in ascension order by commenter's actuation time. A same user appears in the output as many times as comments has created. For anonymous comments an empty string (" ") is returned.
allCommentCreators (string issue_keys) : string list	Returns a string list with the user names of comment creators in issues with keys in issue_keys , in order of appearance in issue_keys , and in ascension order by commenter's actuation time. A same user appears in the output as many times as comments has created. For anonymous comments an empty string (" ") is returned.
allCommentCreators (string list I) : string list	Returns a string list with the user names of comment creators of issues in I , in order of appearance in I , and in ascension order by commenter's actuation time. A same user appears in the output as many times as comments has created. For anonymous comments an empty string (" ") is returned.

Bug fixes

- [Issue #494](#) - java.lang.StringIndexOutOfBoundsException: String index out of range: 0
- [Issue #497](#) - New Calculated Fields introduced in version [2.2.29](#) failed when included in Issue Navigator.
- [Calculated Date-Time Field](#) wasn't being shown in "Dates" section of issue detail screen.
- [Calculated Text Field](#) was being shown in UI even when it returned no value.