

# JWT Release Notes 2.2.29

[2017-01-27] Released [Jira Workflow Toolbox 2.2.29](#)

## New Features

- **Highlight features!** - [Jira Workflow Toolbox](#) now provides **3 Custom Field Types**:
  - [Calculated Text Field](#)
  - [Calculated Number Field](#)
  - [Calculated Date-Time Field](#)
- New read-only virtual field:

Field name	Type	Returned Value
<b>Sprint ID</b>	Text string	The internal ID for the sprint of current issue. This value can be used for setting field <i>Sprint</i> in other issues.

- 4 new parser functions:

FUNCTION	RETURNED VALUE
<b>similarity</b> (string s1, string s2) : number	Returns a numeric value between <b>0</b> and <b>100</b> representing the percentage of similarity between two strings based on the <a href="#">Jaro Winkler similarity algorithm</a> . <b>100</b> represents <b>full equivalence</b> , and <b>0</b> represents <b>zero similarity</b> between both string arguments. Examples: similarity("Jira Workflow Toolbox", "jira workflow toolbox") returns 100  similarity("Jira Workflow Toolbox", "Jira WorflowTolbox") returns 97  similarity("My Gym. Childrens Fitness", "My Gym Children's Fitness Center") returns 92  similarity("D N H Enterprises Inc", "D & H Enterprises, Inc.") returns 91  similarity("ABC Corporation", "ABC Corp'") returns 92  similarity("Hello World!", "Bye bye World!") returns 69  similarity("I caught a lizard", "This is my giraffe") returns 51
<b>userFullName</b> (string list user_names) : string list	Returns a string list with the full names of the users in argument <b>user_names</b> . Argument <b>user_names</b> is a string list with user names, not to be confused with users full names. Example: userFullName(toStringList(%{00133})) returns a list with the users full names of current issue's watchers, where %{00133} is field code for <i>Watchers</i> .
<b>userEmail</b> (string list user_names) : string list	Returns a string list with the emails of the users in argument <b>user_names</b> . Argument <b>user_names</b> is a string list with a user names, not to be confused with users full names. Example: userEmail(toStringList(%{00133})) returns a list with the emails of current issue's watchers, where %{00133} is field code for <i>Watchers</i> .
<b>stringToDate</b> (string s, string date_time_pattern, string language, string country) : number	Returns a numeric value with the date-time represented by string <b>s</b> . Expected format of value at parameter " <b>s</b> " is defined by <a href="#">date_time _pattern</a> string parameter for a specific <a href="#">language</a> (language code <a href="#">ISO 639-2</a> ) and <a href="#">country</a> (country code <a href="#">ISO 3166 alpha-2</a> ). The numeric value returned corresponds to the milliseconds elapsed since <i>January 1, 1970, 00:00:00 GMT</i> . Example: stringToDate("Dec 7, 2016 2:10:25 AM PST", "MMM d, yyyy h:mm:ss a z", "eng", "US") returns a date-time numeric value that can be used for setting a Date Time picker custom field.

## Improvements

- Added a mark "(by JWT)" to all the features and configurations provided by [Jira Workflow Toolbox](#), so that you can easily identify when features of the plugin are being used.

## Bug Fixes

- [Issue #480](#) - Setting "**Components**" with "[Create issues and sub-tasks](#)", "[Update issue fields](#)", "[Read fields from linked issues or sub-tasks](#)", "[Write field on linked issues or sub-tasks](#)" and "[Read fields from linked issues or sub-tasks](#)" post-functions failed when source field is a Select or Multi-Select field.
- [Create issues and sub-tasks](#) post-function was failing when inheriting custom field values from [Insight - Asset Management for Jira](#) add-on.