

JWT Release Notes 2.1.20

[2014-08-15] Released [Jira Workflow Toolbox 2.1.20](#)

New features

- Added **16 new powerful functions** to the **Expression's Parser** for referencing **linked issues**, **subtasks** and their **field values**. More details at [Expression Parser](#).
- **10 new virtual fields:** (more details at [Virtual Fields](#))
 - Execute transition
 - Execute transition (delayed execution)
 - Issue status category
 - Previous issue status
 - Previous issue status category
 - Creator
 - Creator's full name
 - Creator's email
 - Add to time spent (minutes)
 - Work logged in transition (minutes)
- Custom field type **"Issue Picker"** is now **supported**. You can set them with a **comma separated list of issue keys**, and you can use prefixes '+' and '-' to add or remove issues to current value of the field.

Improvements

- Writing on fields **"Issue status"**, **"Issue status (delayed writing)"**, **"Resolution"** is now **case insensitive**. If you have values for these fields only differing in the case (like "Open" and "OPEN"), assignments will keep respecting the case.
- Values returned by virtual fields **"Issue status"**, **"Priority"**, **"Resolution"**, and **"Issue type"** now returns the **translated name in Jira's default language**. Until now the value returned was the user's default language translated name, making the value dependent on each user. This resulted problematic when doing comparisons.
- Project Pickers can be assigned a value using project keys and project names.
- Writing string **"null"** or **"unassigned"** into virtual fields **"Assignee"**, **"Reporter"**, **"Priority"**, **"Resolution"**, **"Due Date"** and **"Security Level"** will unset these fields.
- Important **refactorization** of **Expression's Parser** and **javascript code** to improve maintainability.

Fixed bugs

- **Auto-transition** of an issue by writing into its own virtual field **"Issue status (delayed writing)"** wasn't working in Jira 6.
- **Automatic parsing mode converter** in post-function [Copy parsed text to a field](#) was not working correctly when **cascading select** fields were used.
- Virtual field **"Time spent (minutes)"** setting wasn't working.
- Workflows with **global transitions** became temporarily non-editable in certain circumstances.
- Writing on a **Select Field**, **Check Box**, **Multi-Select**, etc. **without options configured** was throwing an exception.
- Problems showing [Copy parsed text to a field](#) post-function configuration in advanced parsing mode.