JWT Release Notes 2.1.29

[2015-03-18] **Released [Jira Workflow Toolbox](#) 2.1.29**

New features

- New parser functions:
    - **hasChanged**(%{nnnnn}) : *boolean* , returns *true* only if field has changed in current transition.
    - **hasChanged**({nnnnn}) : *boolean* , returns *true* only if **numeric** or **date-time field** field has changed in current transition.
    - **hasChanged**({nnnnn.i}) : *boolean* , returns *true* only if **cascading select field** has changed **for level i** (with root level = 0) in current transition.
    - **sublist**(*string list* **l**, *number* **indexFrom**, *number* **indexTo**) : *string list* , returns a string list with elements in **l** from **indexFrom** index to **indexTo** index. Having **indexFrom >= 1** and **indexFrom <= count(l)** and **indexTo >= 1** and **indexTo <= count(l)** and **indexFrom <= indexTo**.
    - **sublist**(*number list* **l**, *number* **indexFrom**, *number* **indexTo**) : *number list* , returns a number list with elements in **l** from **indexFrom** index to **indexTo** index. Having **indexFrom >= 1** and **indexFrom <= count(l)** and **indexTo >= 1** and **indexTo <= count(l)** and **indexFrom <= indexTo**.
    - **sublist**(*issue list* **l**, *number* **indexFrom**, *number* **indexTo**) : *issue list* , returns an issue list with elements in **l** from **indexFrom** index to **indexTo** index. Having **indexFrom >= 1** and **indexFrom <= count(l)** and **indexTo >= 1** and **indexTo <= count(l)** and **indexFrom <= indexTo**.
    - **indexOf**(*string* **element**, *string list* **l**) : *number* , returns the index of string **element** in string list **l**. **Zero** is returned when **element** is not found in **l**.
    - **indexOf**(*number* **element**, *string list* **l**) : *number* , returns the index of numeric value **element** in string list **l**. **Zero** is returned when **element** is not found in **l**.
    - **indexOf**(*issue* **element**, *issue list* **l**) : *number* , returns the index of issue **element** in issue list **l**. **Zero** is returned when **element** is not found in **l**.

Improvements

- Compatibility with **Jira 6.4**
- Textarea has been replaced with an **improved expressions editor** in the following features: "[Boolean condition and validator with math. date-time or text-string terms]", "[Copy parsed text to a field]", "[Set a field as a function of other fields]" and "Mathematical and date-time expression calculator". It provides the following features:
    - Syntax highlighting.
    - Matching brackets highlighting.
    - Selected token highlighting.

- "**A custom field is/isn't initialized**" validator has been renamed to "**A custom field is/isn't initialized or has/hasn't been modified**", and now provides the capability for validating whether a custom field has been updated in transition screen.