Set custom IDs for each issue

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Use case

Issues can easily be identified by using their issue key. But some use cases also might require some **c ustom IDs**, which e.g. contain the current year and a custom number.

We will use project properties to store the current year and a custom number. With the help of the post functions, these two numbers will then be combined as an ID and **added to the issue on creation**.

This use case can perfectly be done using JWT's post functions in combination with project properties!

Current Year: 2020 Current Year: 2021 Current Year: 2022



ID: 2020-0001



ID: 2021-0001



D- 2022-0001



ID: 2020-0002



D- 2021-0002



D-2022-0002



ID: 2020-0003



ID- 2021-0003



D-2022-0003

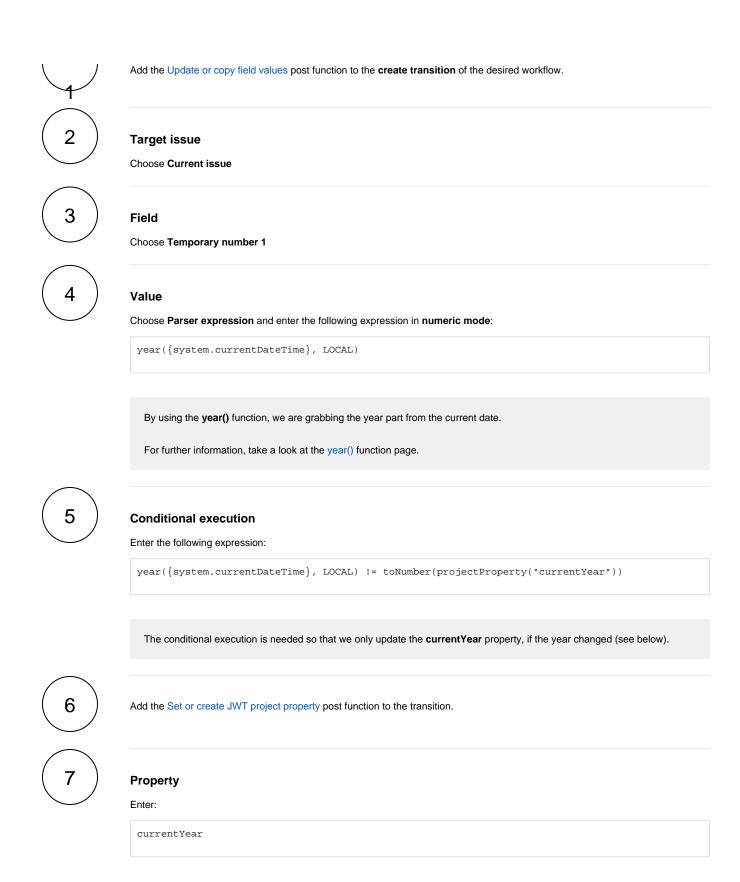


Prerequisites

To get this use case working, several post functions are needed to set up the configuration.

Setting up the project property "currentYear"



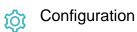


Value Enter:

	%{issue.temporaryNumber1}
9	Action Choose Create the property and assign the value
10	Conditional execution Enter the following expression:
	<pre>year({system.currentDateTime}, LOCAL) != toNumber(projectProperty("currentYear"))</pre>
	Like above, we only want to execute this post function (and update the project property), if the current year is different to the one saved in the project property currentYear .
Setting up t	he project property "counter"
1	Add the Set or create JWT project property post function below the previously created post functions.
2	Property
	Enter:
	counter
3	Value
	Enter:
	1
4	Action Choose Create the property and assign the value
	oncood orders the property and assign the value
(5)	Conditional execution
	Enter the following expression:

```
year({system.currentDateTime}, LOCAL) != toNumber(projectProperty("currentYear"))
```

This way the counter will be reset to 1, if the year changes e.g. from 2021 to 2022.



Writing the ID to the issue

1 Add the Update or

Add the Update or copy field values post function underneath the created post functions.

 $\left(\ \mathsf{2} \ \right)$

Target issue

Choose Current issue

(3)

Fields



Field

Choose the field you want to set with the ID



Value

Choose Parser expression and enter the following expression in advanced text mode:

```
projectProperty("currentYear") + "-" + substring("0000", length(projectProperty
("counter")), 4) + projectProperty("counter")
```

more info...

In our use case, we want to set the current year combined with a 4-digit number as ID.

The expression

```
substring("0000", length(projectProperty("counter")), 4)
```

takes the length of our counter and dynamically adds zeros to fill up the counter to a 4-digit number.

Example:

"counter" project property	Added zeros	Output
1	3	0001
10	2	00 10
100	1	0 100
1000	0	1000

1

Field

In addition, select Temporary number 1 field.



Value

Choose Parser expression and enter the following expression in numeric mode:

toNumber(projectProperty("counter")) + 1

We increase the **Temporary number 1** by 1 to increase the **counter** project property (see below).

Increasing the counter

 $\left(1\right)$

Add the Set or create JWT project property post function.

 $\left(\begin{array}{c} \mathtt{2} \end{array}\right)$

Property

Enter:

counter

 $\left(\begin{array}{c} 3 \end{array}\right)$

Value

Enter:

 $\{issue.temporaryNumber1\}$



Action





Screenshots



Related use cases

Use case	JWT feature	Workflow function	Parser functions	Label
Set custom IDs for each issue	€	Set or create JWT project property Update or copy field values	length() projectProperty() substring() toNumber() year()	
Assign issue to the default user of a role	(Assign to project role		
Calculate custom sequence numbers	€	Update or copy field values Set or create JWT project property	toUpperCase() substring() length() projectProperty() toNumber()	

If you still have questions, feel free to refer to our support team.