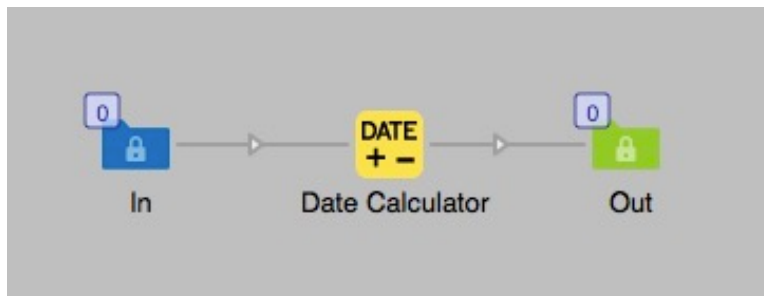


## Date Calculator

### Description

This app will give you the possibility to do simple calculations on dates, you can add or subtract a number of days from a given date.

The resulting date will be stored in the job as Private Data with the key "newDate". This new date can be picked up in Switch variables: [Job.PrivateData:Key="newDate"]



### Compatibility

Switch 13 update 1 and higher. Windows or Mac OSX.

### Connections

This app can have several input or output connections. No settings are available of the outgoing connection.

### Properties detailed info

This app has only two properties, the date that you need to calculate and the number of days to add or subtract. If you want to go back in time you write a negative value (-2).

### Flow element properties

- Date to change (yyyy-MM-dd)
  - Enter a specific date or use Switch variables to pick up the information in the job. By default it is set to the date of today. The format of the date has to be yyyy-MM-dd ( 2017-01-01 ) if it is in any other format the calculation will fail.
- Number of days
  - Enter the number of days that needs to be added or subtracted to the date. This value can use Switch variables.

Property	Value
<b>Name</b>	Date Calculator
<b>Description</b>	
<b>Date to change (yyyy-MM-dd)</b>	Single-line text with variables defined
<b>Number of days</b>	1
<b>Private data key for Date</b>	newDate
<b>Private data key for Year</b>	newYear
<b>Private data key for Month</b>	newMonth
<b>Private data key for Day number</b>	newDateNumber
<b>Private data key for Date to change</b>	dateToChange

## Resulting date value

The calculated date will be stored as a private data Switch variable in the job. The job can have several private data entries and they are labeled with a key, in this case the key is "newDate"

Groups	Job variables	Job.PrivateData (Text)	
Connection Database Doc Email Image Iptc <b>Job</b> Metadata Office Photo Stats Switch	ByteCount EmailAddress EmailBody Extension FailElement FailFlow FailMessage FailModule FailTime FileCount FileCreationDate Hierarchy IsFile IsFolder JobState Name NameProper NestedName Origin Path Priority <b>PrivateData</b> Size UniqueNamePrefix UserEmail UserFullName UserName	Returns the value of the private data with the specified key, or empty if no private data with that key was set for the job  2017-12-27	Key: <input type="text" value="newDate"/> Space: <input type="text" value="----"/> Case: <input type="text" value="----"/> After: <input type="text"/> Before: <input type="text"/> Segment: <input type="text"/> Search: <input type="text"/>  <input type="button" value="Insert variable"/>
<b>Text with variables</b> <input newdate"]"="" type="text" value="[Job.PrivateData:Key="/> Sample value: <input type="text" value="2017-12-27"/>			
<input type="button" value="Cancel"/> <input type="button" value="OK"/>			

If you want to build your own date format you can access the year, month and date of the calculated date from private data with the following keys:

[Job.PrivateData:Key="newDate"] give you the date (yyyy-MM-dd)

[Job.PrivateData:Key="newYear"] give you the year (yyyy)

[Job.PrivateData:Key="newMonth"] give you the months number (1-12)

[Job.PrivateData:Key="newDateNumber"] give you the day number (1-31)

[Job.PrivateData:Key="dateToChange"] give you the date you calculate from