FailJob

Description

FailJob allows you to route a job directly to the *Problem folder* as if there was an exception encountered. This is handy if you want to implement a single point for error handling in your flow. The app allows you to generate a failure message to be logged as well as assign *failure point* and *failure reason* private data values. Additionally, an *Error route* can be configured, also as private data, to assist in routing in the error handling flow.

Compatibility

This app is built with Node.js and requires Switch 2020 Spring or later.

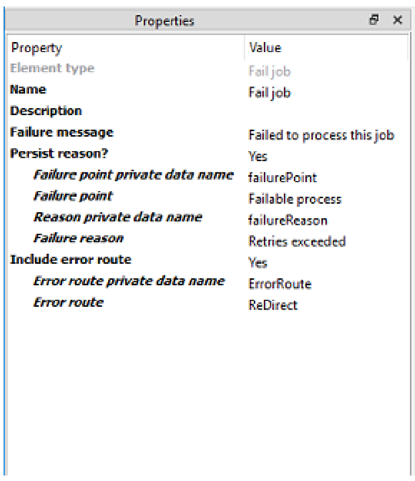
Connections

None. Job is sent directly to *Problem folder*.

Properties detailed info

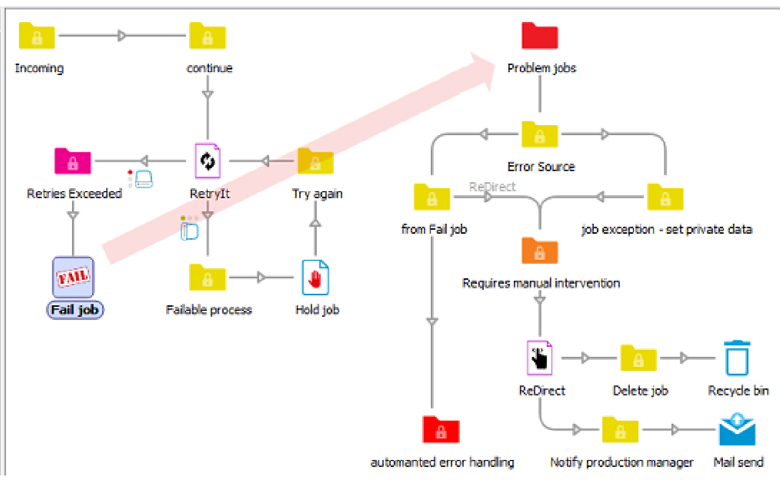
Set the *Failure message* property to the message to be displayed in the Error log. Set *Persist reason* to *Yes* if you would like to configure private data values for the failure point: *Failure point private data name* and *Failure point* and failure reason: *Reason private data name* and *Failure reason*. Set *Include error route* to *Yes* if you need to provide an error route with the *Error route private data name* and *Error route* properties.

In this example, exceeding the retry limit is an error that needs to be handled. In this case, we want to hold the job for manual intervention and use the *Error route* to route the job to the *ReDirect* app where it will be held until someone either deletes the job or has the job and error information sent to the production manager via email. The *failure point* and *failure reason* will be passed to the *ReDirect* app so that the user can see where and why the job failed. Note that at the *Error Source* point, you can use *Job.FailElement* or *Job.FailModule* to determine if the job was routed to *Problem jobs* by the app or by an exception. If by exception, we create the same *failure point* and *failure reason* private data from the job properties so that this information is common regardless of where it came from.



Properties

Property	Value
Element type	Fail job
Name	Fail job
Description	
Failure message	Failed to process this job
Persist reason?	Yes
Failure point private data name	failurePoint
Failure point	Failable process
Reason private data name	failureReason
Failure reason	Retries exceeded
Include error route	Yes
Error route private data name	ErrorRoute
Error route	ReDirect


Incoming
continue
Problem jobs
Retries Exceeded
RetryIt
Try again
Error Source
ReDirect
from Fail job
job exception - set private data
Fail job
Failable process
Hold job
Requires manual intervention
ReDirect
Delete job
Recycle bin
automanted error handling
Notify production manager
Mail send