



Talend User Component tJasperServerFileList



Purpose

The JasperServer is great tool to manage reports. In some cases companies want using JasperServer as the one portal for information.

This component addresses the scenario in which companies want to use JasperServer as the single point of trues. All results of all reports have to have to be available in this server.

To avoid have a huge amount of not needed files in your JasperServer (e.g. out dated but not obsolete files) you can archive them in a cheaper network file storage instead of keeping them in the performance critical database of the JasperServer.

This component lists all content resources (also in sub directories). Usually this component works in conjunction with the tJasperServerFileGet component.

Talend-Integration

This component can be found in the palette under Business Intelligence->Jasper

This component accepts input iterations provides output flows and iteration and several return values.

Parameters

Parameters to connect to JasperServer (setup client)

Property	Content
Repository Service URL	URL to the repository web service of JasperServer. Required! For the Open Source version it is usually: http://server.comany.com:8080/jasperserver/services/repository The professional version typically use a slitly different URL: http://server.company.com:8080/jasperserver-pro/services/repository
User	User of the account within the JasperServer. Required!
Password	Users password. Required!

Parameters to setup list files

Property	Content
Folder	URI of the folder which content resources should be listed. Required!
Include Sub Folders	If checked the content resources of the sub folders are included in the result list.
Filter	Well known file filter expressions (using * and ?) to filter the content resources to add them in the result list.

Return values

Return value	Content
ERROR_MESSAGE	Last error message
FOLDER_URI	URI of the folder which content should be listed
FILE_URI	URI of the current file
FILE_DOWNLOAD_LINK	Link in the JasperServer to download the current file for users of the Jasper Web frontends.
RESOURCE_ID	Resource-ID (typically the name) of the current file
RELATIVE_FILE_URI	Like file URI, but relative to the FOLDER_URI. This relative URI reflects the original folder structure of the files in JasperServer (e.g. to restore this structure in the file system) in the result list.
FILE_RESOURCE_LABEL	If users rename the file in JasperServer they actually only can change the label.
NB_FILE	Current number of delivered files

Szenario 1

Files in the JasperServer need to be downloaded automatically (e.g. to archive them and lighten the database). In conjunction with the tJasperServerFileGet component this goal can be achieved.

The screenshot displays the Camunda BPMN Designer interface. At the top, a process flow is visible with two components: **tJasperServerFileList_1** and **tJasperServerFileGet_1**, connected by a flow labeled **row1 (Main)**. Below the designer, the configuration for **tJasperServerFileList_1** is shown in the 'Basic settings' tab.

Basic settings for tJasperServerFileList_1:

- Repository Service URL: `"http://localhost:8080/jasperserver/services/repository"`
- User: `"jasperadmin"`
- Password: `"jasperadmin"`
- Folder: `"/reports/Uebungen"`
- ☒ Include Sub Folders
- Filter: `"*"`

This component provides output iteration as well as output flow. Actually there is no difference between a iteration and a flow from the point of view of the source component. Using a flow has the great advantage for performance because the initialization of the component receiving the flow will be done once before the flow starts. Unlike if an iteration is used. Using an iteration has the disadvantage, that in every iteration the component will be newly initialized – this can have a huge negative impact to the performance!