# 5

# Talend User Component tJasperServerFileList



**Purpose** 

http://www.cimt-ag.de

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 conjuction 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. <i>Required!</i> For the Open Source version it is usually: <a href="http://server.comany.com:8080/jasperserver/services/repository">http://server.comany.com:8080/jasperserver/services/repository</a> The professional version typically use a slitly different URL: <a href="http://server.company.com:8080/jasperserver-pro/services/repository">http://server.company.com:8080/jasperserver-pro/services/repository</a>
User	User of the account within the JasperServer. Required!
Password	Users password. <i>Required!</i>

### Parameters to setup list files

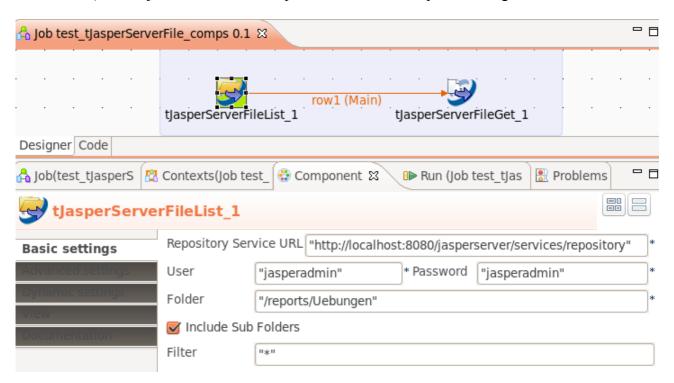
Property	Content
Folder	URI of the folder which content resources should be listed. <i>Required!</i>
Include Sub Folders	If checked the content resources of the sub folders are included in the result list.
Filter	Well known file filter expressions (using * and ?) to filter the content resources to add 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 th name) of the current file
RELATIVE_FILE_URI	Like file URI, but relative to the FOLDER_URI. This relative URI reflects the original folder stucture of the files in JasperServer (e.g. to restore this sturcture 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 and lighten the database). In conjunction with the tJasperServerFileGet component this goal can be achieved.



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!