



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 truth. All reports have to store their results in this server.

Sometimes it is more likely to create very complex or large data files with a Talend job.

Often this leads to different places where users find information: reports in JasperServer and a lot of files in different shares.

This component helps to fill your JasperServer with files (as content resources) from the file system and ensure in this way the role of the JasperServer as source of complete informations.

Talend-Integration

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

This component accepts input iterations 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 slightly 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 file to upload

| Property | Content |
|--------------------|---|
| File | The full path to the file to upload. This file gets as resource-ID the file name. Required! |
| Destination Folder | URI of the target folder in JasperServer. Please keep in mind URIs in JasperServer never ends with a slash (unlike folder pathes in filesystem). Required! |
| Create Folder | If the folder does not exist in JasperServer, it will be created automatically. This new folder inherits the rights of its parent folder. |
| Overwrite File | If a resource with the same resource ID already exists in the same folder, it will be overwritten. |
| Description | Here can be set a description to this new content resource. |

Return values

| Return value | Content |
|--------------------|--|
| ERROR_MESSAGE | Last error message |
| FILE_URI | URI for the uploaded file in JasperServer |
| FILE_DOWNLOAD_LINK | Link in the JasperServer to download the file for users of the Jasper Web frontends. |
| FOLDER_CREATED | True if the target folder was newly created. This can be used e.g. to notify administration for correcting folder permissions. |
| FILE_PATH | Full path from the uploaded file |
| FILE_LENGTH | Length of the uploaded file |
| FILE_NAME | Name of the uploaded file |

Szenario 1

Files are created from Talend are stored in the file system and have to be uploaded to the JasperServer. For every upload an notification email have to be send with a access link to the JasperServer.

The screenshot displays the Talend Studio interface. At the top, a job named 'Job test_tjasperServerFile_comps 0.1' is shown in the Designer view. The job flow consists of three components: 'tFileList_1', 'tJasperServerFilePut_1', and 'tSendMail_1', connected by 'Iterate' connectors. Below the job diagram, the 'tJasperServerFilePut_1' component is selected, and its settings are visible in the 'Basic settings' tab. The settings include:

- Repository Service URL: "http://localhost:8080/jasperserver/services/repository"
- User: "jasperadmin" * Password: "jasperadmin" *
- File: ((String)globalMap.get("tFileList_1_CURRENT_FILEPATH")) *
- Destination Folder: "/reports/samples/new_folder" *
- ☒ Create Folder ☒ Overwrite File
- Description: "This Files are uploaded by Talend"

To provide the download link in the email message write tJasperServerFilePut and choose with CTRL+Space the value FILE_DOWNLOAD_LINK.