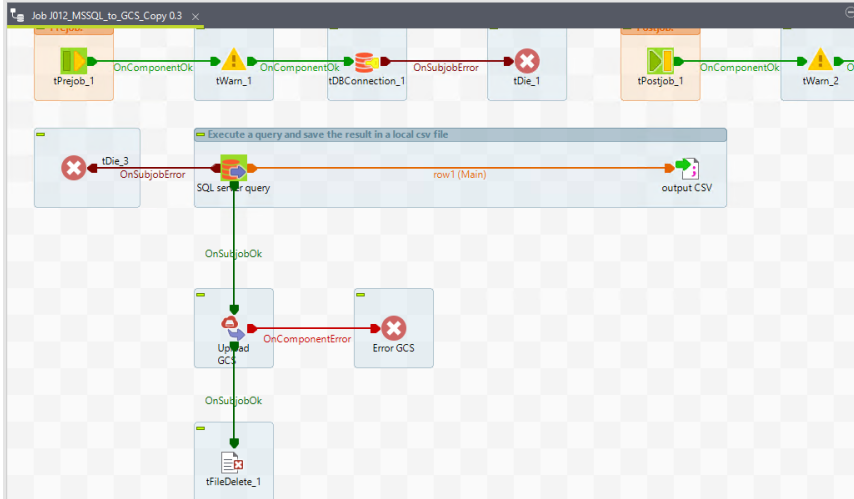


J012_MSSQL_TO_GCS - Read data Microsoft SQL server

The job allows you to retrieve data from a Microsoft SQL server database and upload the result into a Google Cloud Storage bucket as a CSV file. You can pass the query you wish and the job will extract accordingly.



JOB DESCRIPTION

- 1 - The job will open a connection to the Microsoft SQL Server database using the input variable. In case of error establishing the connection the job will fail and stop.
- 2 - The job will retrieve the data using the query provided as input and store the result in a CSV file. The result is saved in a *Dynamic* column so that you do not have to manually change the schema.
- 3 - The CSV generated in the previous step will be stored in the desired Google Cloud Storage bucket.
- 4 - The temporary file is deleted.

HOW TO USE THE JOB

The job is fully dynamic. So you can :

- Copy the job from the *DATA_OCEAN* project and paste it into your project
- Drag and drop the copied job into your Talend flow
- Provide the necessary parameters to make the job work.

The parameters that you have to provide are highlighted here below.

CONTEXT VARIABLE	DESCRIPTION
<i>bucketFolder</i>	Bucket folder where the file will be stored. If you want to save the file at the root of the bucket, use "" .
<i>bucketName</i>	The name of the bucket where the file will be upload
<i>csvSeparator</i>	The separator that divides columns of the CSV file (it should be a single character)
<i>database</i>	The name of the Oracle database
<i>fileName</i>	Name the CSV file uploaded in GCS
<i>host</i>	The host of the MS SQL Server database (it can be the IP address or the FQDN)
<i>outputDirectory</i>	Directory where the file will be stored on the remote engine
<i>port</i>	The port that will be used to communicate with the server
<i>pwd</i>	The user's password
<i>query</i>	The query that you want to use to retrieve
<i>schema</i>	The schema containing the table or view you want to access
<i>tableName</i>	The name of the table or view that you want to get

<i>user</i>	The Oracle user to be used
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- The default date format is *yyyy-MM-dd HH:mm:ss* . If you wish to change it (for instance adding milliseconds, having only the date part...) you should modify this value from by editing the schema of the *tDBInput* component.