Log and errors

1. tLogCatcher

https://help.talend.com/reader/jomWd\_GKqAmTZviwG\_oxHQ/gqyrMhmSI04nWUVxTZfOww

Scenario 2: Log & kill a Job

This scenario uses a **tLogCatcher** and a **tDie** component. A **tRowGenerator** is connected to a **tFileOutputDelimited** using a Row link. On error, the **tDie**triggers the catcher subjob which displays the log data content on the **Run** console.

* Drop all required components from various folders of the **Palette** to the design workspace: **tRowGenerator**, **tFileOutputDelimited**, **tDie**,**tLogCatcher**, **tLogRow**.
* On the **tRowGenerator** **Component** view, define the setting of the input entries to be handled.
* Edit the schema and define the following columns as random input examples: *id, name, quantity, flag and creation*.
* Set the **Number of rows** onto 0. This will constitute the error which the Die operation is based on.
* On the **Values** table, define the functions to feed the input flow.
* Define the **tFileOutputDelimited** to hold the possible output data. The **row** connection from the **tRowGenerator** feeds automatically the output schema. The separator is a simple semi-colon.
* Connect this output component to the **tDie** using a **Trigger > If**connection. Double-click on the newly created connection to define the if:

((Integer)globalMap.get("tRowGenerator\_1\_NB\_LINE")) <=0

* Then double-click to select and define the **Basic settings** of the **tDie** component.
* Enter your **Die** message to be transmitted to the **tLogCatcher** before the actual kill-job operation happens.
* Next to the Job but not physically connected to it, drop a **tLogCatcher** from the **Palette** to the design workspace and connect it to a **tLogRow**component.
* Define the **tLogCatcher** **Basic settings**. Make sure the **tDie** box is selected in order to add the Die message to the Log information transmitted to the final component.
* Press **F6** to run the Job and notice that the log contains a black message and a red one.
* The black log data come from the **tDie** and are transmitted by the **tLogCatcher**. In addition the normal Java Exception message in red displays as a Job abnormally died.

2.