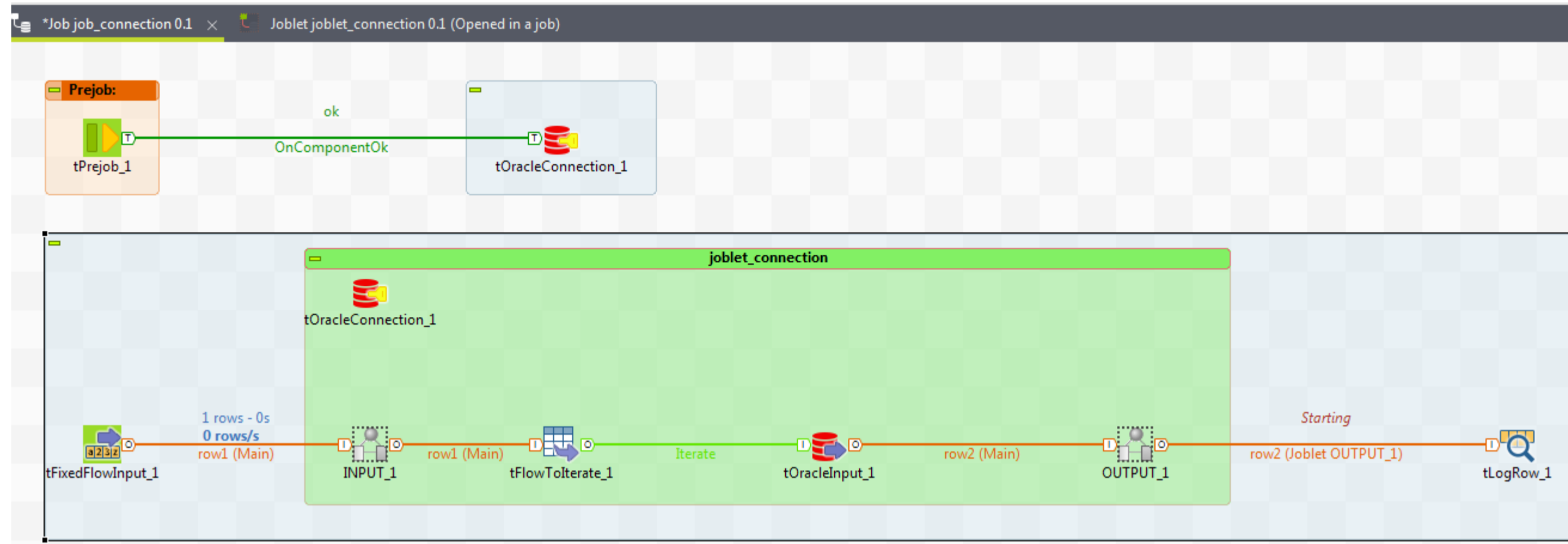


Hi talend\_guru,

I tried out your suggested recipe. Before I start some screenshots:



The screenshot shows the Talend Designer interface. On the left, the 'Contexts(job\_connection)' table is visible:

	Name	Type	Comment	Default Value
1	ctx_main (from repository context)			
2	shared_connection	String		"shared_connection"

At the bottom of the context table, the 'Default context environment' is set to 'Default'. On the right, the properties of the 'tOracleConnection\_1' component are shown:

- Property Type: Repository
- DB (ORACLE\_SERVICE\_NAME): db\_src\_avsc\_r...
- Connection Type: Oracle Service Name
- DB Version: Oracle 12-7
- Use tns file:
- Host: context.db\_src\_server
- Database: context.db\_src\_service\_name
- Username: context.db\_src\_login
- Additional JDBC Parameters: context.db\_src\_additional\_params
- \*Note: Example for Additional JDBC Parameters: "parameterName1=value1&parameterName2=value2"
- Use or register a shared DB Connection:  Shared DB Connection Name: context.shared\_connection

The *tOracleConnection\_1* in the joblet uses the "context.shared\_connection" value. The *tOracleInput1* references the *tOracleConnection\_1*.

## The logs bring some interesting entries:

The tOracleConnection item in the Joblet will be initiated to late (after the call of the tInputOracle) component.

That seems to be the problem: the order in which the components will be initiated.

Starting job job\_connection at 16:44 23/10/2017.

```
[INFO ]: de_veolia_dwh_etl_esb.job_connection_0_1.job_connection - TalendJob: 'job_connection' - Start.
[statistics] connecting to socket on port 3926
[statistics] connected
[DEBUG]: de_veolia_dwh_etl_esb.job_connection_0_1.job_connection - tOracleConnection_1 - Start to work.
[DEBUG]: de_veolia_dwh_etl_esb.job_connection_0_1.job_connection - tOracleConnection_1 - Parameters:CONNECTION_TYPE = ORACLE_SERVICE_NAME | DB_VEF
[DEBUG]: de_veolia_dwh_etl_esb.job_connection_0_1.job_connection - tOracleConnection_1 - SharedDBConnection, current shared connections list is:
[DEBUG]: de_veolia_dwh_etl_esb.job_connection_0_1.job_connection - tOracleConnection_1 - SharedDBConnection, can't find the key:shared_connection
[DEBUG]: de_veolia_dwh_etl_esb.job_connection_0_1.job_connection - tOracleConnection_1 - Driver ClassName: oracle.jdbc.OracleDriver.
[INFO ]: de_veolia_dwh_etl_esb.job_connection_0_1.job_connection - tOracleConnection_1 - SharedDBConnection, Connection attempt to 'jdbc:oracle:tl
[INFO ]: de_veolia_dwh_etl_esb.job_connection_0_1.job_connection - tOracleConnection_1 - SharedDBConnection, Connection to 'jdbc:oracle:thin:@(des
[DEBUG]: de_veolia_dwh_etl_esb.job_connection_0_1.job_connection - tOracleConnection_1 - Shared Connection with key 'shared_connection'
[DEBUG]: de_veolia_dwh_etl_esb.job_connection_0_1.job_connection - tOracleConnection_1 - Connection is set auto commit to 'false'.
[DEBUG]: de_veolia_dwh_etl_esb.job_connection_0_1.job_connection - tOracleConnection_1 - Done.
[DEBUG]: de_veolia_dwh_etl_esb.job_connection_0_1.job_connection - joblet_connection_1_tFlowToIterate_1 - Start to work.
[DEBUG]: de_veolia_dwh_etl_esb.job_connection_0_1.job_connection - joblet_connection_1_tFlowToIterate_1 - Parameters:DEFAULT_MAP = true |
[TRACE]: de_veolia_dwh_etl_esb.job_connection_0_1.job_connection - row1 - |||||
[TRACE]: de_veolia_dwh_etl_esb.job_connection_0_1.job_connection - joblet_connection_1_tFlowToIterate_1 - Set global var, key=row1.recid, value=.
[TRACE]: de_veolia_dwh_etl_esb.job_connection_0_1.job_connection - joblet_connection_1_tFlowToIterate_1 - Set global var, key=row1.firma, value=.
[TRACE]: de_veolia_dwh_etl_esb.job_connection_0_1.job_connection - joblet_connection_1_tFlowToIterate_1 - Set global var, key=row1.key_1, value=.
[TRACE]: de_veolia_dwh_etl_esb.job_connection_0_1.job_connection - joblet_connection_1_tFlowToIterate_1 - Set global var, key=row1.key_2, value=.
[TRACE]: de_veolia_dwh_etl_esb.job_connection_0_1.job_connection - joblet_connection_1_tFlowToIterate_1 - Set global var, key=row1.key_3, value=.
[TRACE]: de_veolia_dwh_etl_esb.job_connection_0_1.job_connection - joblet_connection_1_tFlowToIterate_1 - Set global var, key=row1.key_4, value=.
[TRACE]: de_veolia_dwh_etl_esb.job_connection_0_1.job_connection - joblet_connection_1_tFlowToIterate_1 - Set global var, key=row1.key_5, value=.
[DEBUG]: de_veolia_dwh_etl_esb.job_connection_0_1.job_connection - joblet_connection_1_tFlowToIterate_1 - Current iteration is: 1.
[DEBUG]: de_veolia_dwh_etl_esb.job_connection_0_1.job_connection - tLogRow_1 - Start to work.
[DEBUG]: de_veolia_dwh_etl_esb.job_connection_0_1.job_connection - tLogRow_1 - Parameters:BASIC_MODE = true | TABLE_PRINT = false | VERTICAL = fa
[DEBUG]: de_veolia_dwh_etl_esb.job_connection_0_1.job_connection - joblet_connection_1_tOracleInput_1 - Start to work.
[DEBUG]: de_veolia_dwh_etl_esb.job_connection_0_1.job_connection - joblet_connection_1_tOracleInput_1 - Parameters:USE_EXISTING_CONNECTION = true
Exception in component joblet_connection_1_tOracleInput_1 (job_connection)
java.lang.NullPointerException
    at de_veolia_dwh_etl_esb.job_connection_0_1.job_connection.tFixedFlowInput_1Process(job_connection.java:2943)
    at de_veolia_dwh_etl_esb.job_connection_0_1.job_connection.runJobInTOS(job_connection.java:5345)
    at de_veolia_dwh_etl_esb.job_connection_0_1.job_connection.main(job_connection.java:4993)
[FATAL]: de_veolia_dwh_etl_esb.job_connection_0_1.job_connection - joblet_connection_1_tOracleInput_1 null
java.lang.NullPointerException
    at de_veolia_dwh_etl_esb.job_connection_0_1.job_connection.tFixedFlowInput_1Process(job_connection.java:2943)
    at de_veolia_dwh_etl_esb.job_connection_0_1.job_connection.runJobInTOS(job_connection.java:5345)
    at de_veolia_dwh_etl_esb.job_connection_0_1.job_connection.main(job_connection.java:4993)
[DEBUG]: de_veolia_dwh_etl_esb.job_connection_0_1.job_connection - joblet_connection_1_tOracleConnection_1 - Start to work.[DEBUG]: de_veolia_dwh
[DEBUG]: de_veolia_dwh_etl_esb.job_connection_0_1.job_connection - joblet_connection_1_tOracleConnection_1 - SharedDBConnection, current shared cc
[INFO ]: de_veolia_dwh_etl_esb.job_connection_0_1.job_connection - joblet_connection_1_tOracleConnection_1 - SharedDBConnection, find the key: sha
```

```
[DEBUG]: de_veolia_dwh_etl_esb.job_connection_0_1.job_connection - joblet_connection_1_tOracleConnection_1 - Connection is set auto commit to 'fa]
[DEBUG]: de_veolia_dwh_etl_esb.job_connection_0_1.job_connection - joblet_connection_1_tOracleConnection_1 - Done.
[statistics] disconnected
Job job_connection ended at 16:44 23/10/2017. [exit code=1]
```

But how can I configure the joblet to initiate the tOracleConnection just before it uses the tInputOracle component?

Thanks