

Talend Jobs:

The screenshot displays the Talend Data Fabric interface for a job named 'Product_wise_account_transfers'. The job is composed of three parallel flows, each starting with a 'Product_wise_account_transfers' input component, followed by a 'tJavaRow' component, a 'tMap' component, a 'tNormalize' component, and finally a 'tDBOutput' component. The job is currently in a 'Run' state, as indicated by the 'Run' button being highlighted. The 'Job Product_wise_account_transfers' window shows the execution progress, with the first flow having completed 5 rows in 0.01s, the second flow 5 rows in 0.01s, and the third flow 11 rows in 0.01s. The 'Job Final Job 0.1' window shows the overall job status, with the first flow having completed 5 rows in 0.01s, the second flow 5 rows in 0.01s, and the third flow 11 rows in 0.01s. The 'Job Product_wise_account_transfers' window also shows the execution progress, with the first flow having completed 5 rows in 0.01s, the second flow 5 rows in 0.01s, and the third flow 11 rows in 0.01s.

The screenshot displays the Talend Data Fabric interface for a job named 'Final Job'. The job is composed of three parallel flows, each starting with a 'product' input component, followed by a 'tMap' component, a 'tNormalize' component, and finally a 'MySQLConnection' component. The job is currently in a 'Run' state, as indicated by the 'Run' button being highlighted. The 'Job Final Job' window shows the execution progress, with the first flow having completed 11 rows in 0.03s, the second flow 11 rows in 0.03s, and the third flow 11 rows in 0.03s. The 'Job Final Job' window also shows the execution progress, with the first flow having completed 11 rows in 0.03s, the second flow 11 rows in 0.03s, and the third flow 11 rows in 0.03s.

Product Table:

MySQL Workbench interface showing the Product Table structure and query results. The table has columns: TId (varchar(72)), Product (varchar(1000)), and Sequence (int). The query results show 11 rows of data.

TId	Product	Sequence
1	P01	1
1	P02	2
2	P01	3
3	P01	4
3	P03	5
4	P01	6
5	P01	7
5	P02	8
5	P03	9
5	P04	10
5	P05	11

Account Table:

MySQL Workbench interface showing the Account Table structure and query results. The table has columns: TId (varchar(72)), Product (varchar(1000)), and Sequence (int). The query results show 11 rows of data.

TId	Sequence	Accounts
1	1	AC1
1	2	AC2
2	3	
3	4	AC4
3	5	AC5
4	6	
5	7	AC1
5	8	AC2
5	9	AC3
5	10	AC4
5	11	AC5

Transfer Table:

The screenshot shows the MySQL Workbench interface with the 'Assignment_using_Talend' database selected. The 'Schemas' pane on the left shows the 'product_wise_account_transfers' database. The 'Tables' pane shows the 'transfer' table. The 'Table: product' information is displayed, showing columns: TId (varchar(72)), Product (varchar(1000)), and Sequence (int).

The SQL editor shows the following queries:

```
1 CREATE DATABASE Product_wise_account_transfers;
2
3 USE Product_wise_account_transfers;
4
5 select * from product;
6
7 select * from account;
8
9 select * from transfer;
```

The 'Result Grid' shows the data for the 'transfer' table:

TId	Sequence	Transfers
1	1	10.0
1	2	40.0
2	3	
3	4	30.0
3	5	50.0
4	6	
5	7	10.0
5	8	40.0
5	9	20.0
5	10	30.0
5	11	50.0

The 'Output' pane shows the action output for the 'transfer' table:

#	Time	Action	Message	Duration / Fetch
10	20:31:53	select * from account LIMIT 0, 1000	11 row(s) returned	0.000 sec / 0.000 sec
11	20:32:46	select * from transfer LIMIT 0, 1000	11 row(s) returned	0.000 sec / 0.000 sec

Final Table:

The screenshot shows the MySQL Workbench interface with the 'Assignment_using_Talend' database selected. The 'Schemas' pane on the left shows the 'product_wise_account_transfers' database. The 'Tables' pane shows the 'final' table. The 'Table: product' information is displayed, showing columns: TId (varchar(72)), Product (varchar(1000)), and Sequence (int).

The SQL editor shows the following queries:

```
2
3 USE Product_wise_account_transfers;
4
5 select * from product;
6
7 select * from account;
8
9 select * from transfer;
10
11 select * from final;
```

The 'Result Grid' shows the data for the 'final' table:

TId	Product	Accounts	Transfers
1	P01	AC1	10.0
1	P02	AC2	40.0
2	P01		
3	P01	AC4	30.0
3	P03	AC5	50.0
4	P01		
5	P01	AC1	10.0
5	P02	AC2	40.0
5	P03	AC3	20.0
5	P04	AC4	30.0
5	P05	AC5	50.0

The 'Output' pane shows the action output for the 'final' table:

#	Time	Action	Message	Duration / Fetch
11	20:32:46	select * from transfer LIMIT 0, 1000	11 row(s) returned	0.000 sec / 0.000 sec
12	20:33:18	select * from final LIMIT 0, 1000	11 row(s) returned	0.000 sec / 0.000 sec