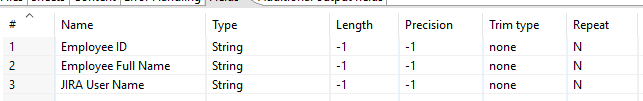
Jets\_Reporting Instructions

# Data In

## Person

1. Person table must be manually maintained. It is used to link JIRA data to Deltek data.
2. Maintain person.xls file in folder \_data/person/person.xls
3. To update person table run “Deltek\_to\_Person.ktr”.

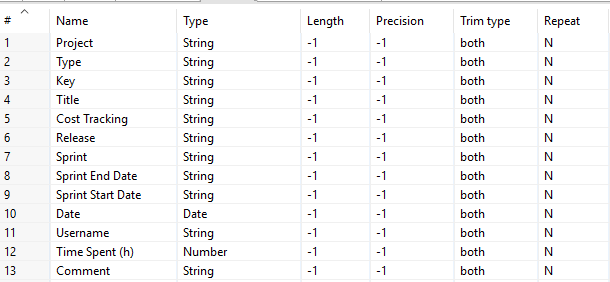
Note: Person must be updated/maintained to produce accurate and consistent reports.



## Jira

1. Export JIRA data as excel .xls file. Naming convention – “JIRA\_All\_Project\_YYYYMMDD”
2. Place file in folder \_data/jira
3. Add file to “Excel Input JIRA\_All\_Project\_YYYYMMDD” step in the “ JIRA\_to\_Work\_Log\_Hours.ktr”
   1. Add file
   2. Set Sheet name
   3. Confirm Fields
4. Execute “ JIRA\_to\_Work\_Log\_Hours.ktr”
   1. This will populate the jets\_reporting. jira\_logged\_work table

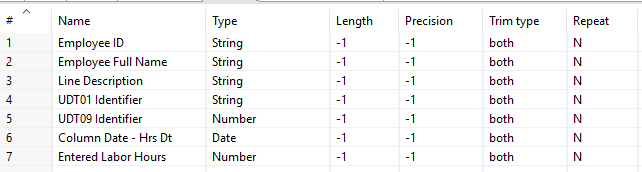
Data format for the JIRA xls data must follow the below format. Please remove any additional columns and total rows at the end the file



## Deltek

1. Export Deltek data as excel .xls file. Naming convention – “jets\_deltek\_YYYYMMDD”
2. Place file in folder \_data/deltek
3. Add file to “Microsoft Excel Input jets\_deltek\_YYYYMMDD.xls” step in the “Deltek\_to\_Enter\_Labor\_Hours.ktr”
   1. Add file
   2. Set Sheet name
   3. Confirm Fields
4. Execute “Deltek\_to\_Enter\_Labor\_Hours.ktr”.
   1. This will populate the jets\_reporting. deltek\_labor\_hours table

Data format for the Deltek.xls data must follow the below format. Please remove any additional columns and total rows at the end the file



## Views

The reports require the following VIES to be created

### DELTEK\_hours\_sum\_date

Drop view DELTEK\_hours\_sum\_date;

Create view DELTEK\_hours\_sum\_date AS

Select p.employee\_id, upper(p.employee\_full\_name) as employee\_full\_name, to\_char(d.date\_hrs\_deltek, 'YYYY-MM-DD') as DELTEK\_DATE, sum(d.entered\_labor\_hours) as DELTEK\_HOURS from deltek\_labor\_hours d, person p

where

d.employee\_full\_name = p.employee\_full\_name

group by p.employee\_id, p.employee\_full\_name, to\_char(d.date\_hrs\_deltek, 'YYYY-MM-DD')

order by upper(p.employee\_full\_name),to\_char(d.date\_hrs\_deltek, 'YYYY-MM-DD')

### JIRA\_hours\_sum\_date

Drop view JIRA\_hours\_sum\_date;

Create view JIRA\_hours\_sum\_date AS

Select p.employee\_id, upper(p.employee\_full\_name) as employee\_full\_name, to\_char(j.date, 'YYYY-MM-DD') as JIRA\_DATE ,sum(j.time\_spent\_hour) as JIRA\_HOURS from jira\_logged\_work j, person p

where

j.username = p.jira\_user\_name

group by p.employee\_id, p.employee\_full\_name, to\_char(j.date, 'YYYY-MM-DD')

order by upper(p.employee\_full\_name),to\_char(j.date, 'YYYY-MM-DD')

## Reports

### Missing Data Report

Select name as employee\_full\_name, date, sum(d\_hours) as deltek\_hours, sum(j\_hours) as jira\_hours

FROM (

Select DELTEK\_Hours.employee\_full\_name as name,DELTEK\_Hours.deltek\_date as Date, DELTEK\_Hours.deltek\_hours AS D\_HOURS, 0 as J\_HOURS from DELTEK\_Hours\_sum\_date DELTEK\_HOURS

Union

Select JIRA\_HOURS.employee\_full\_name as name,JIRA\_Hours.jira\_date as Date, 0 AS D\_HOURS, JIRA\_Hours.jira\_hours as J\_HOURS from JIRA\_Hours\_sum\_date JIRA\_HOURS

order by name,Date

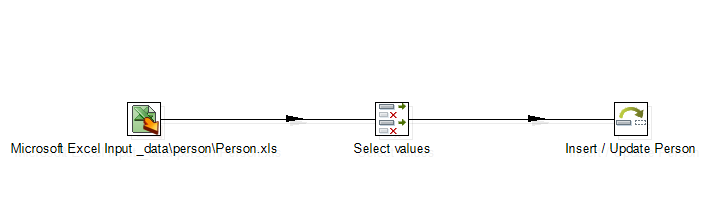
) as missing\_data

group by name, date

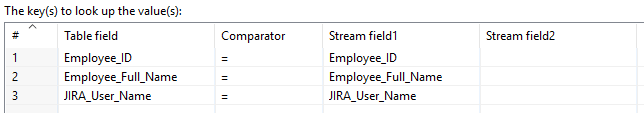
order by name, date

# File Processing

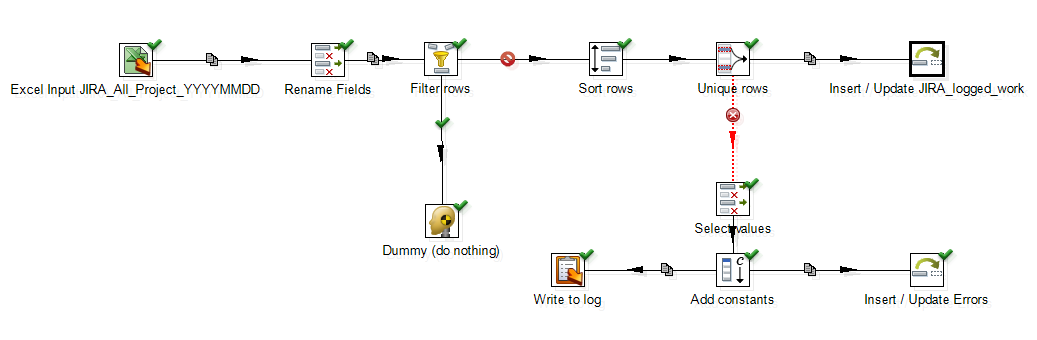
## Deltek\_to\_Person.ktr



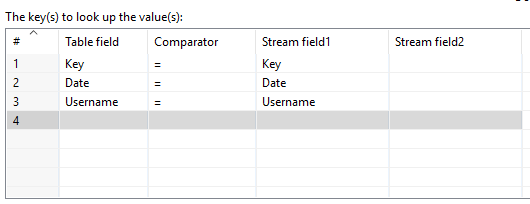
### Insert / Update Person



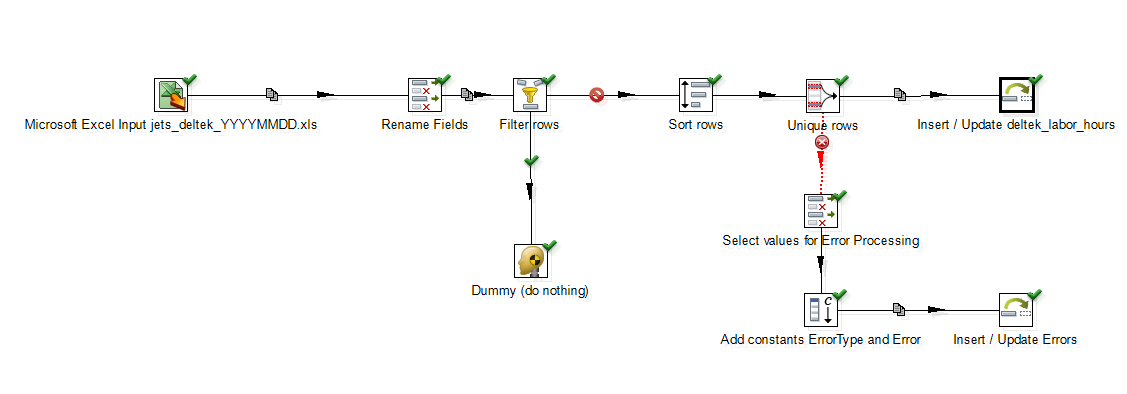
## JIRA\_to\_Work\_Log\_Hours.ktr



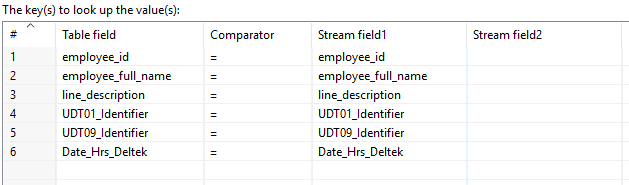
### Insert / Update JIRA\_logged\_work



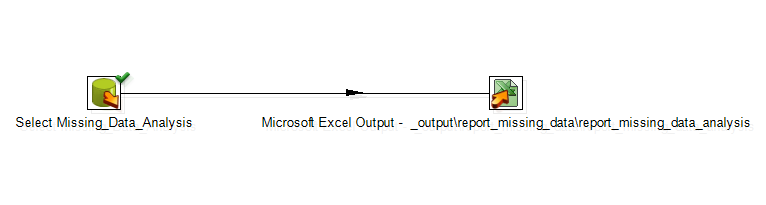
## Deltek\_to\_Enter\_Labor\_Hours.ktr



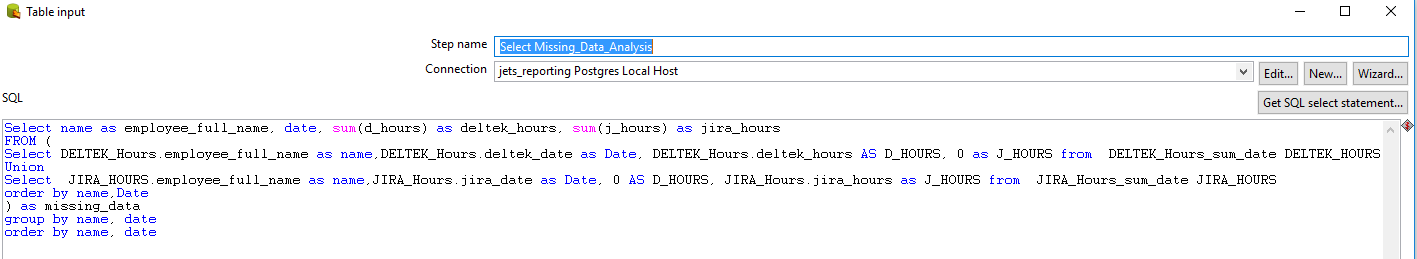
### Insert / Update deltek\_labor\_hours



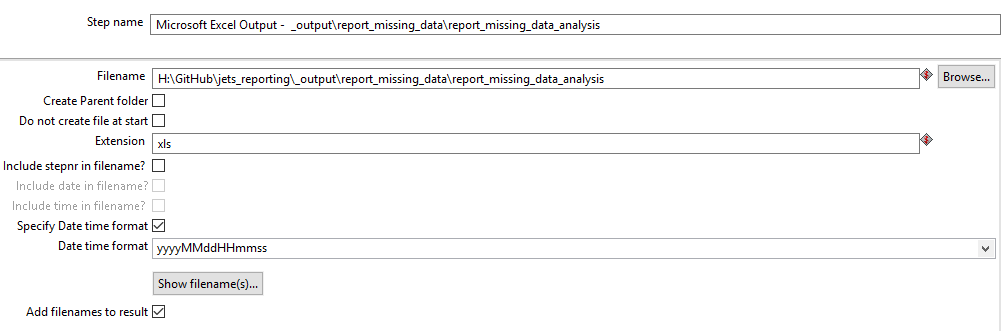
### Report\_Missing\_Data\_Analysis



#### Select Missing\_Data\_Analysis

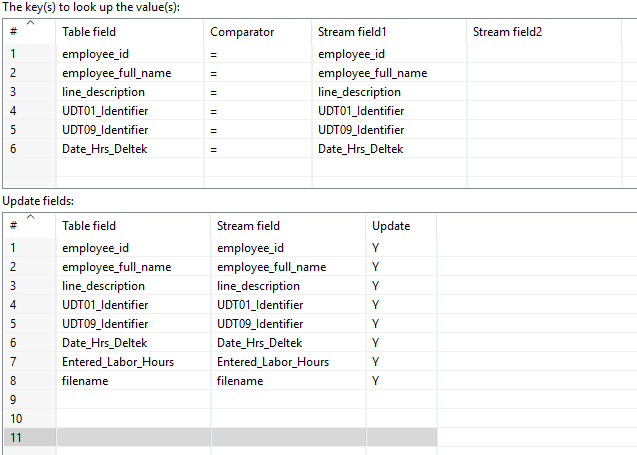


#### Microsoft Excel Output - \_output\report\_missing\_data\report\_missing\_data\_analysis



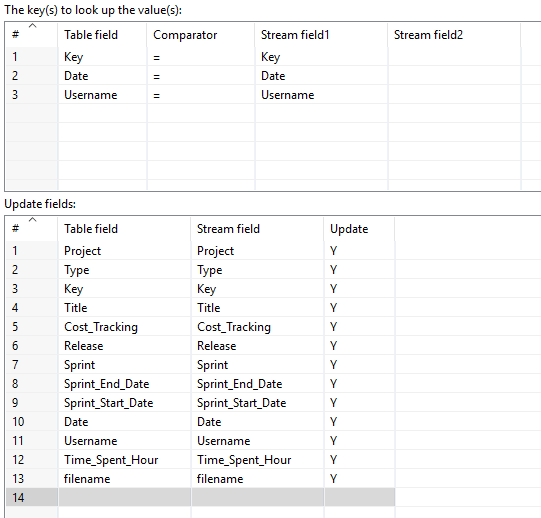
## Test Cases

### Deltek\_labor\_hours for an Employee for a specific Date



|  |  |  |
| --- | --- | --- |
| Rule | Action |  |
| Any field above that does not match | New record is inserted in to the deltek\_labor\_hours table |  |
| All fields above match | Record in deltek\_labor\_hours is updated based on mapping |  |
|  |  |  |
|  |  |  |

### JIRA\_logged\_work for an Employee for a specific Date



|  |  |  |
| --- | --- | --- |
| Rule | Action |  |
| Any field above that does not match | New record is inserted in to the JIRA\_logged\_work table |  |
| All fields above match | Record in JIRA\_logged\_workis updated based on mapping |  |
|  |  |  |
|  |  |  |