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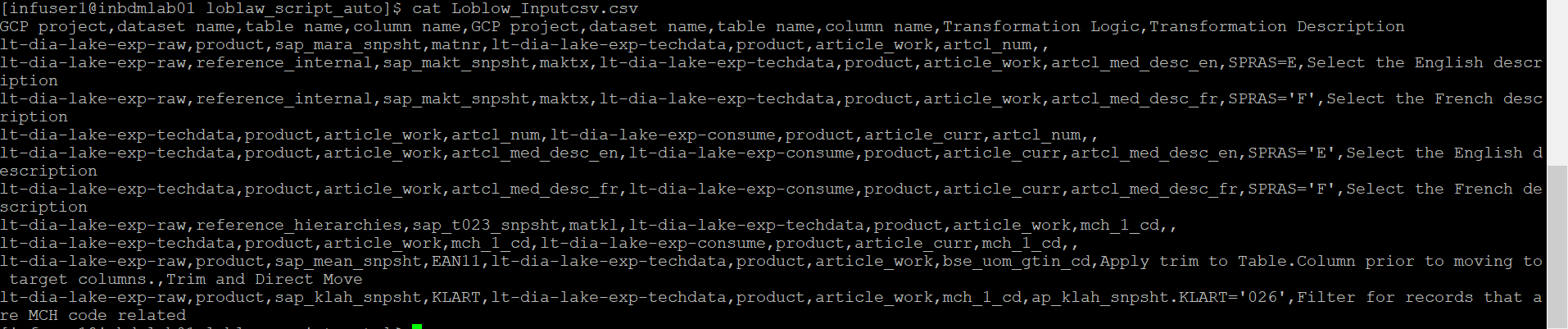
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# Automation of Custom Metadata & Lineage Extraction into EDC

## Components Involved

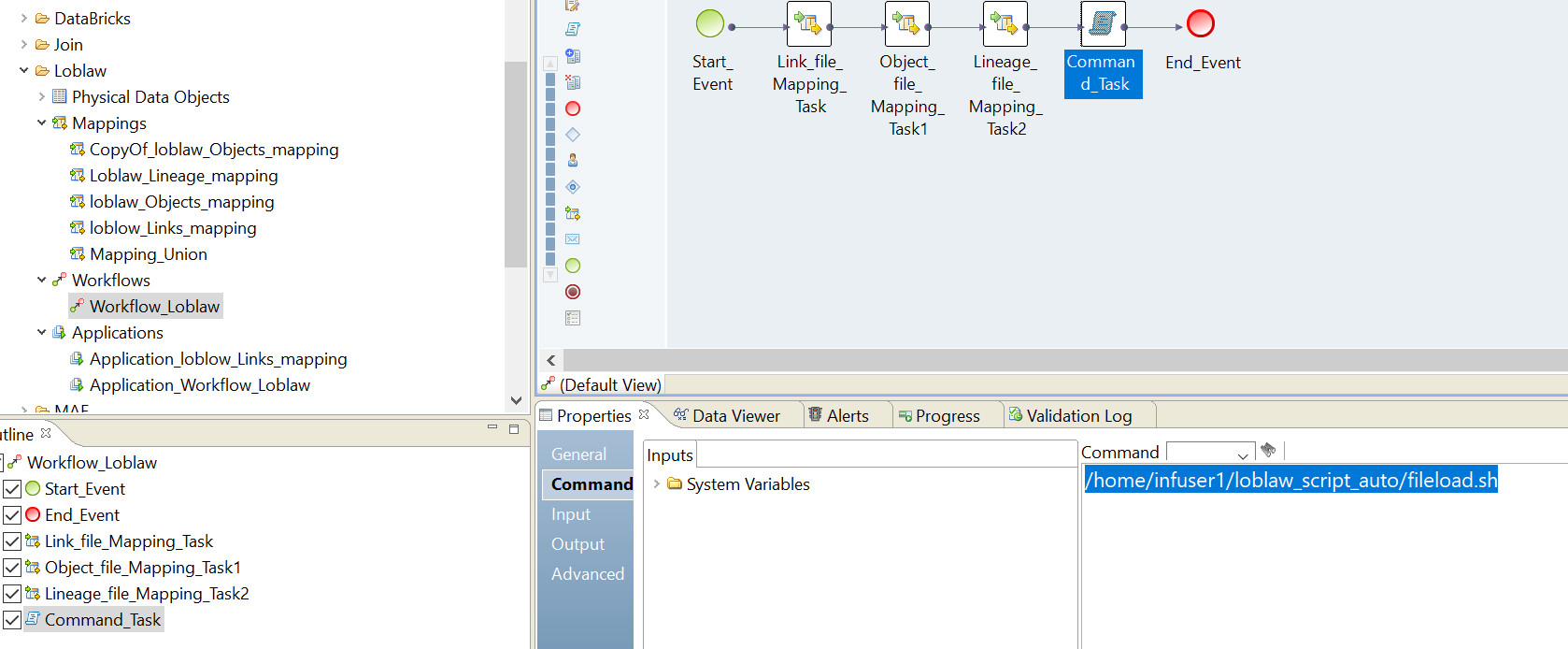
### Lineage\_input.csv

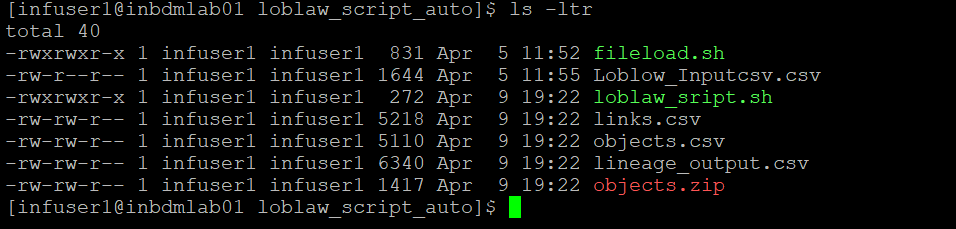
This is the input lineage file which will be used for extraction link/object and lineage file that will extract transformation logic and lineage into EDC



### IDQ Workflow

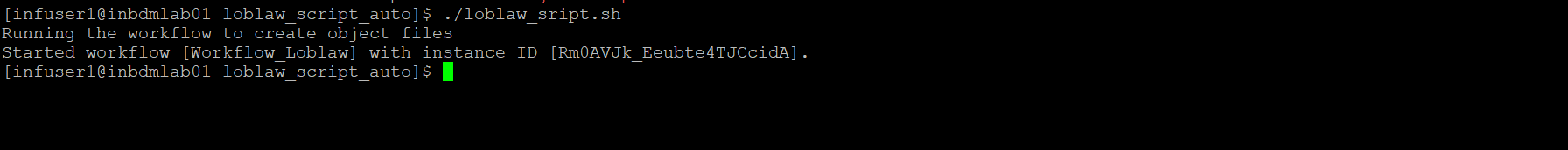
Which contains three mappings, and a command task will create links.csv, objects.csv, lineage\_output.csv and objects.zip file





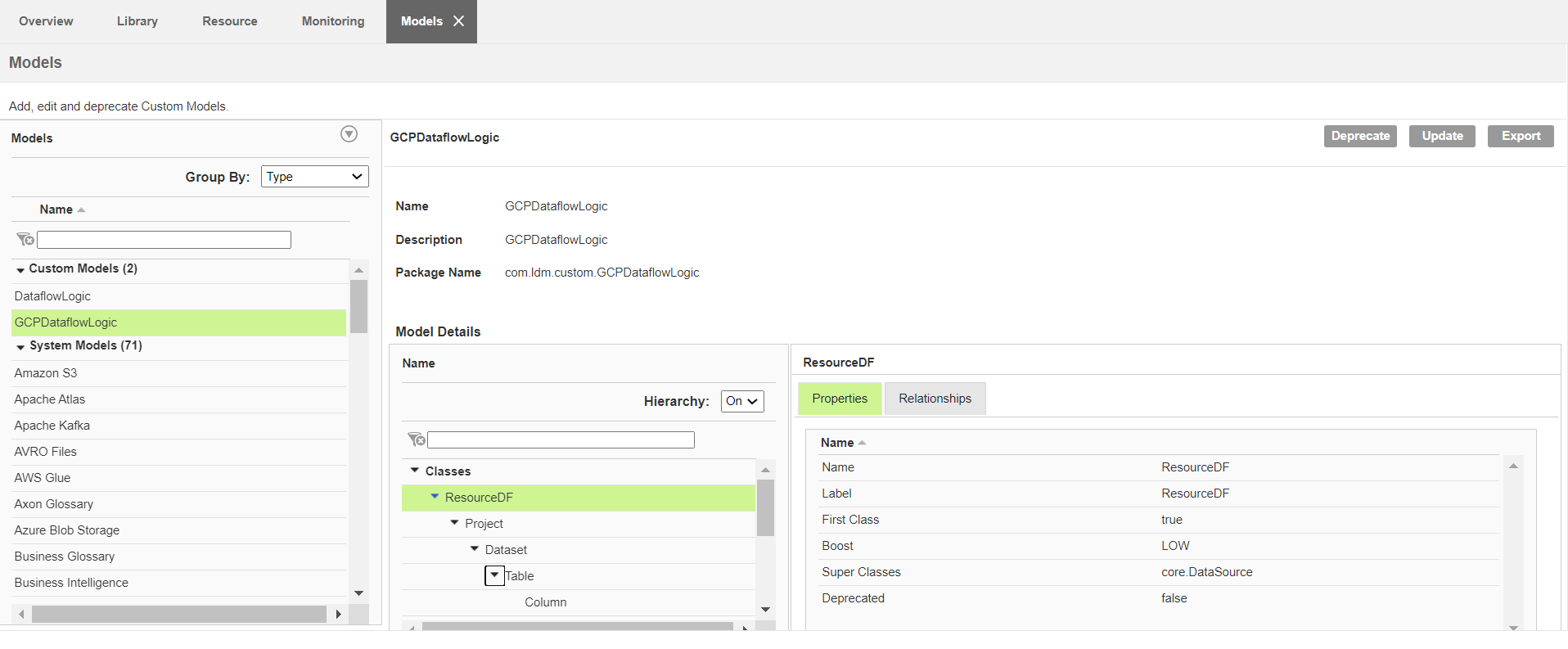
### Trigger Workflow

This will run the workflow, which will create the output file and upload into EDC

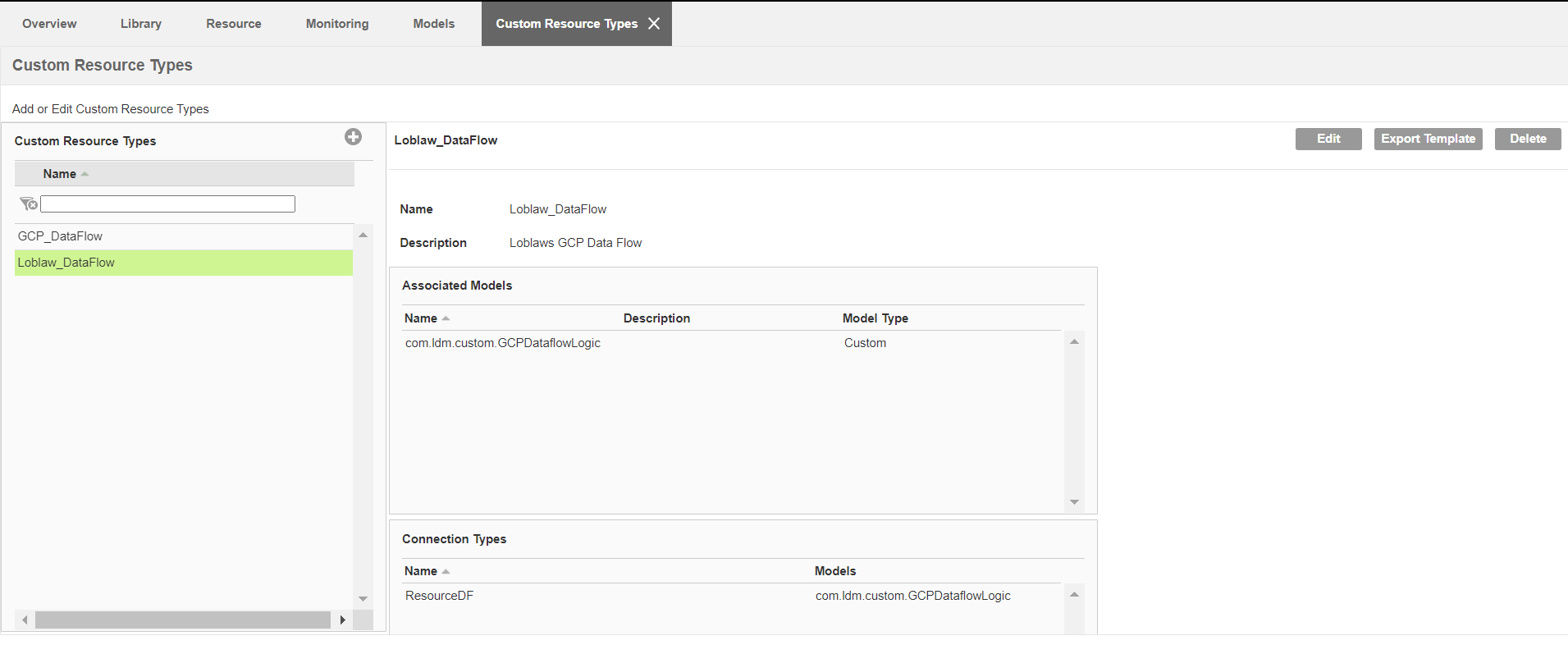


## Create Custom Model and Custom Resource Type

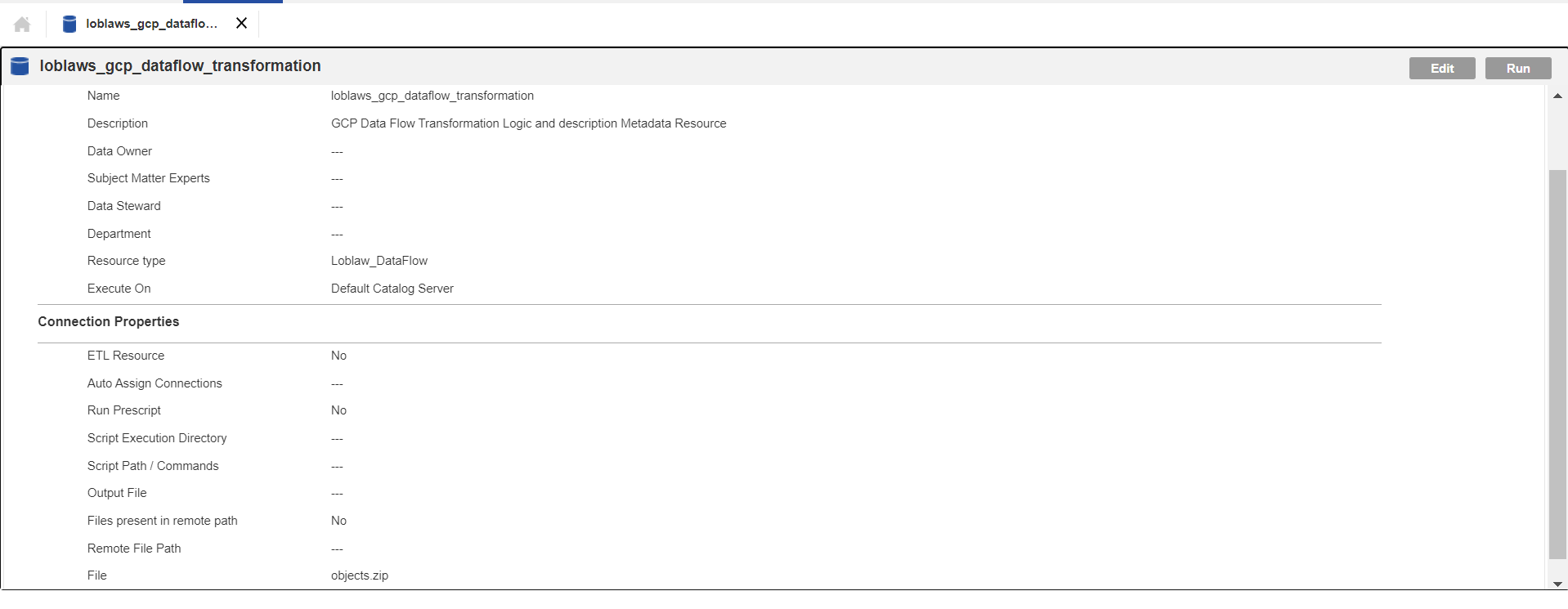
### Create Custom Model



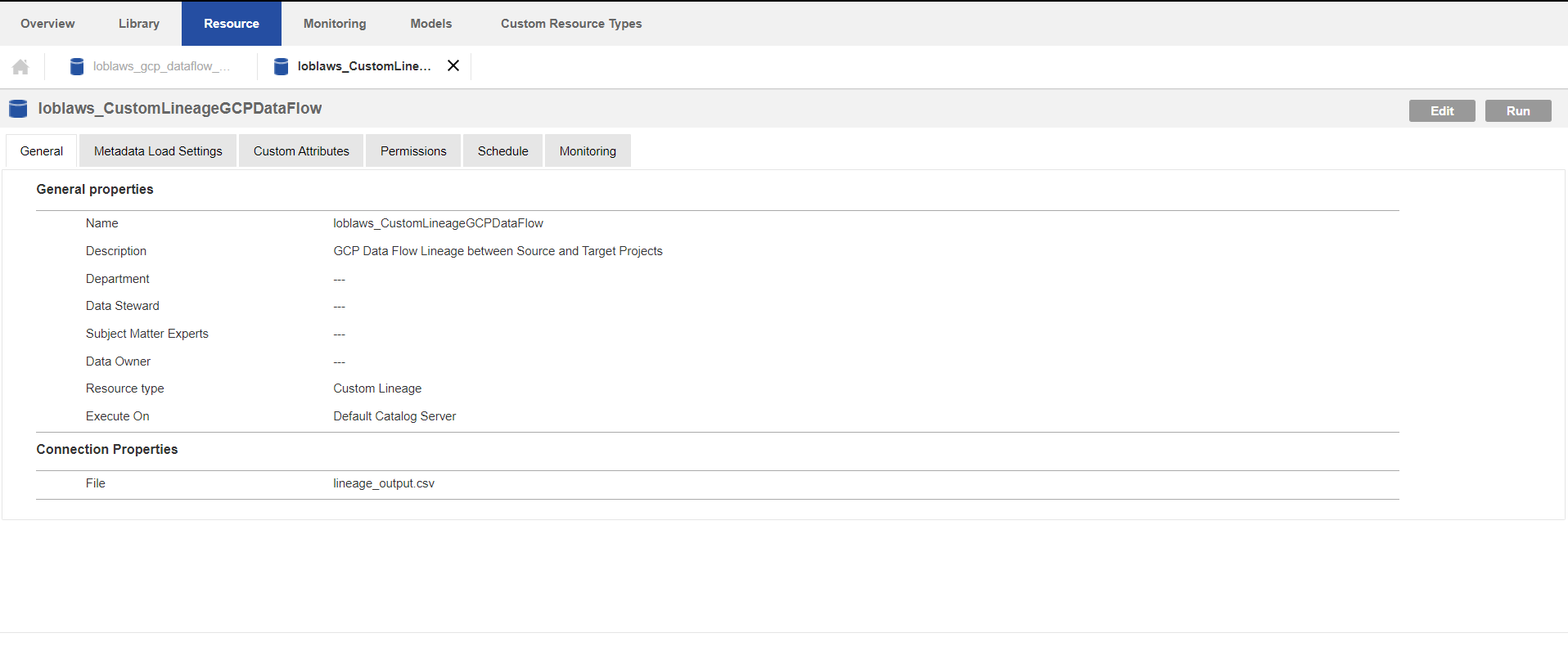
### Create Custom Resource with Custom Model



### Create Custom Metadata Resource

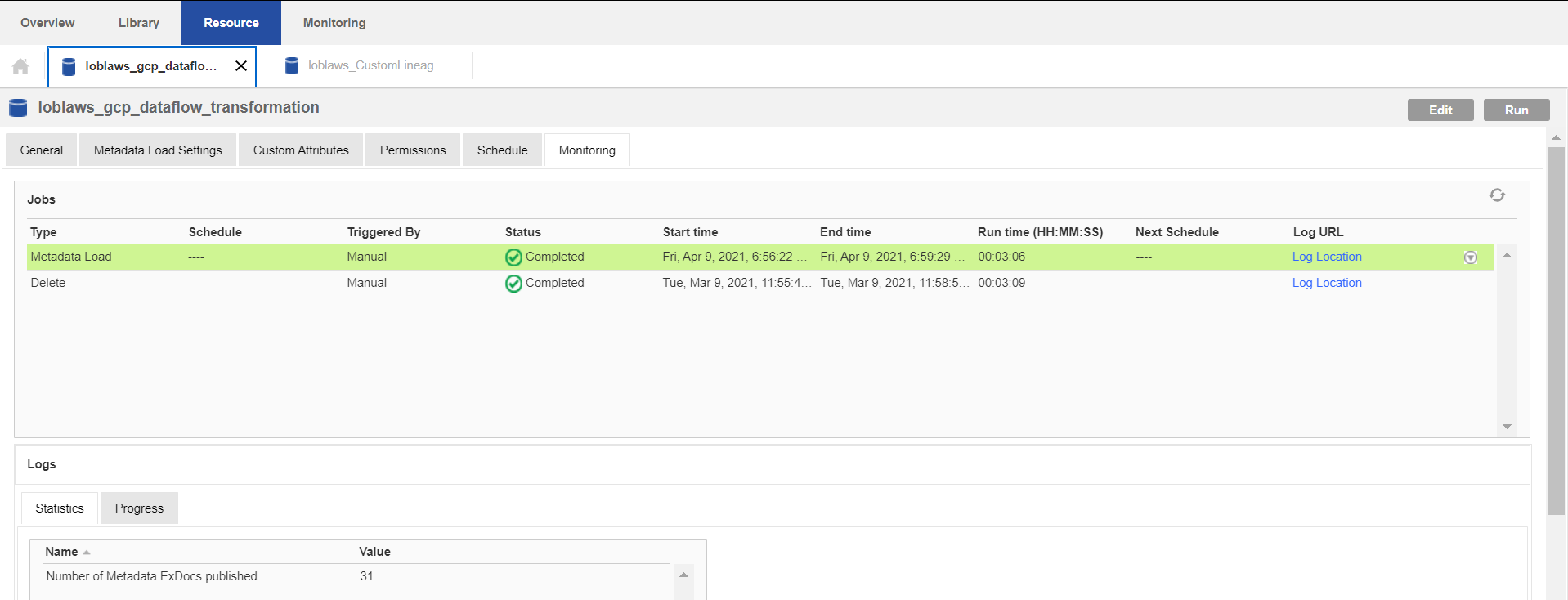


### Create Lineage Resource

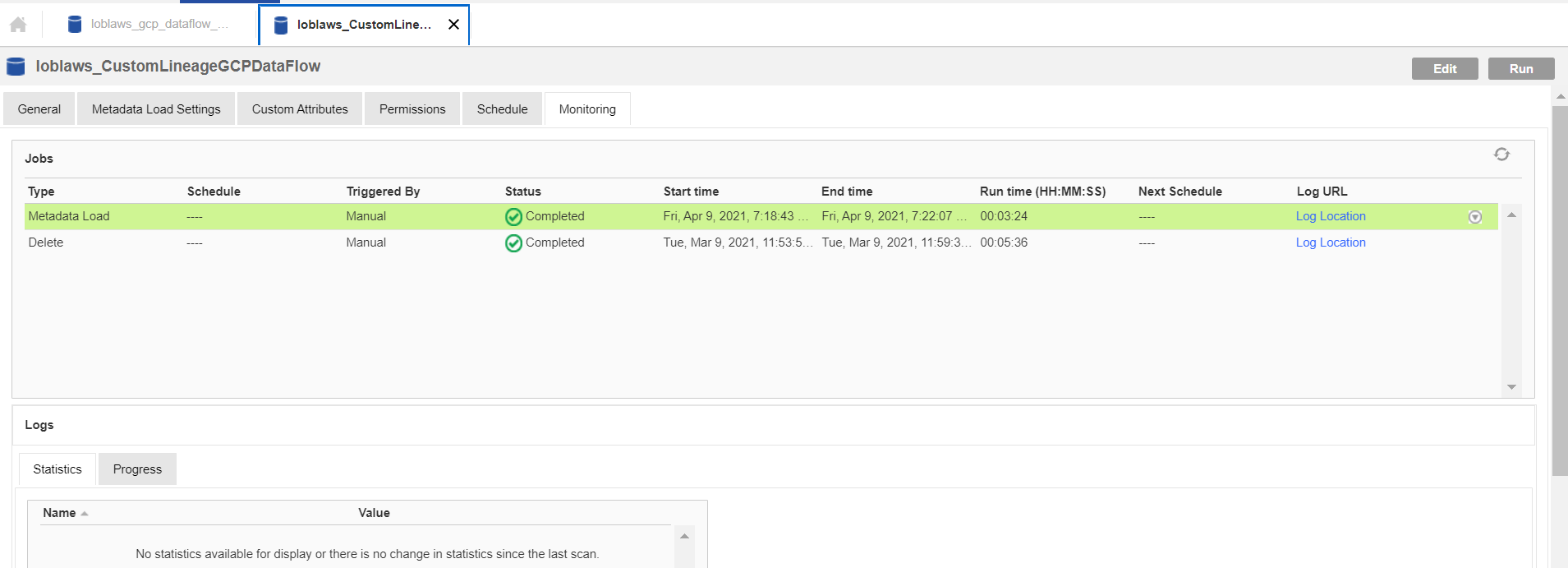


## Run/Schedule the EDC Resource

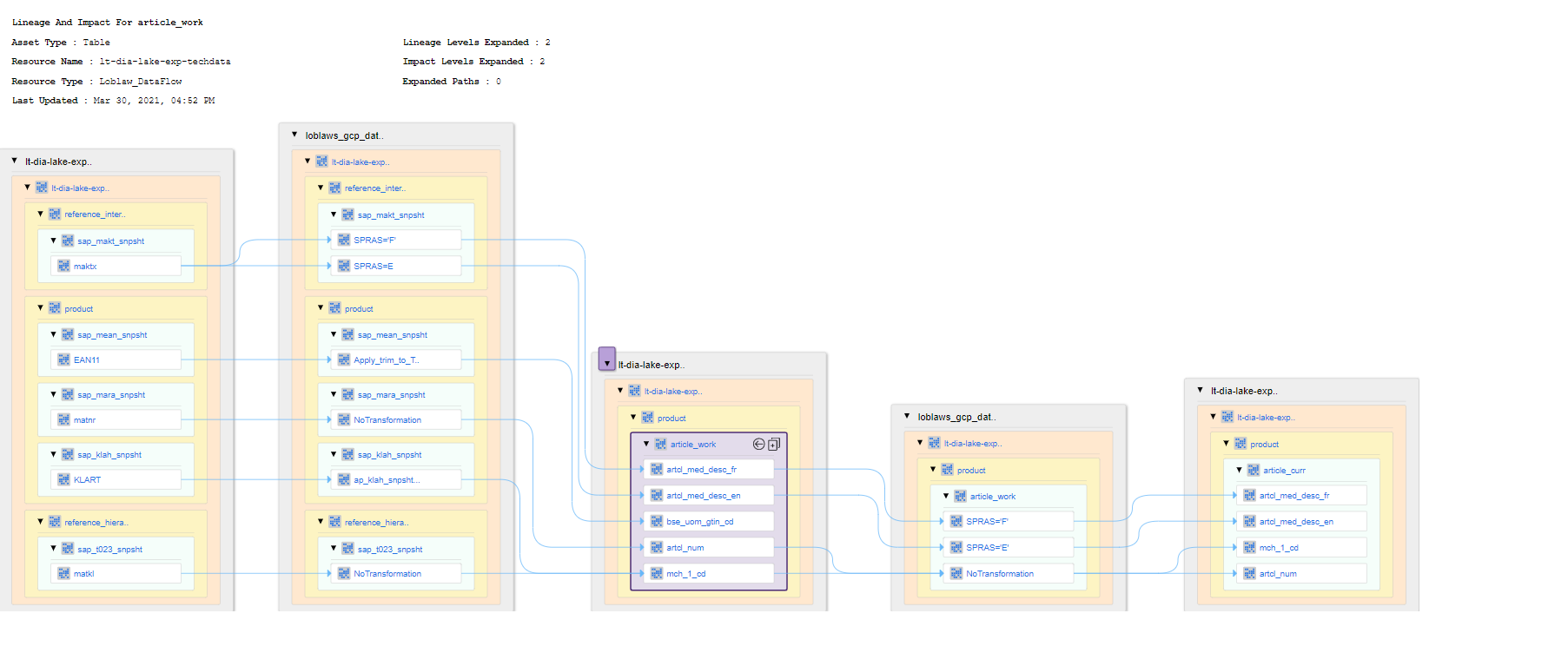
### Metadata Resource



### Lineage Resource



## Lineage Extracted into EDC



## Implementation Steps with Artifacts

|  |  |  |
| --- | --- | --- |
| Sno. | Implementation Step | Artifacts |
| 1 | Create Custom Metadata Model |  |
| 2 | Create Custom Resource Type and Resources | NA |
| 3 | Create Custom Metadata Scanner for showing transformation logic |  |
| 4 | Create Custom Lineage Scanner for showing Lineage |  |
| 5 | IDQ 10.4.1 Workflow to be imported |  |
| 6 | Need to do changes in Path’s of input/output file as needed | NA |
| 7 | Run Workflow to create EDC input files and upload the files to EDC |  |
| 8 | Need to modify loblaw and fileload scripts to match IDQ environment & service, And also change curl command to reflect your environment | NA |
| 9 | Input file for IDQ mapping |  |
| 10 | If IDQ mapping needs to be upgraded, Please ref below KB article <https://knowledge.informatica.com/s/article/570515?language=en_US&type=external> | NA |