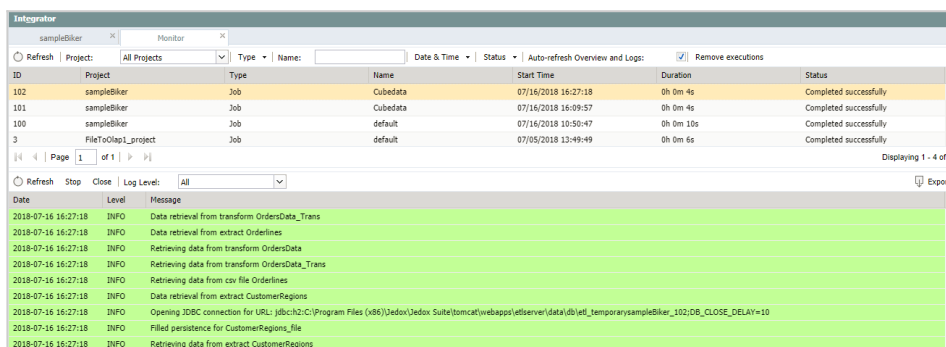


Analyzing Execution Details

After the execution of an Integrator (ETL) job or load, the following essential runtime information is displayed in the monitor of Jedox Integrator:

- Execution ID
- Start time
- Duration
- Status
- Log messages

The screenshot below shows a sample runtime report for the job “Cubedata”:

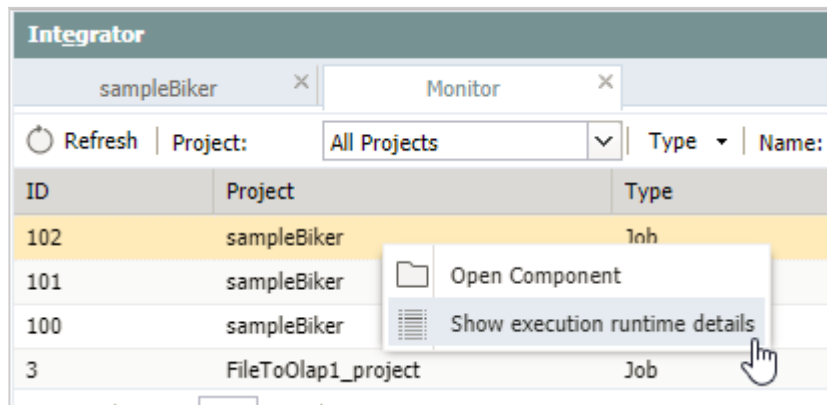


ID	Project	Type	Name	Start Time	Duration	Status
102	sampleBiker	Job	Cubedata	07/16/2018 16:27:18	0h 0m 4s	Completed successfully
101	sampleBiker	Job	Cubedata	07/16/2018 16:09:57	0h 0m 4s	Completed successfully
100	sampleBiker	Job	default	07/16/2018 10:50:47	0h 0m 10s	Completed successfully
3	FileToOlap_project	Job	default	07/05/2018 13:49:49	0h 0m 6s	Completed successfully

Date	Level	Message
2018-07-16 16:27:18	INFO	Data retrieval from transform OrdersData_Trans
2018-07-16 16:27:18	INFO	Data retrieval from extract Orderliner
2018-07-16 16:27:18	INFO	Retrieving data from transform OrdersData
2018-07-16 16:27:18	INFO	Retrieving data from transform OrdersData_Trans
2018-07-16 16:27:18	INFO	Retrieving data from csv file Orderliner
2018-07-16 16:27:18	INFO	Data retrieval from extract CustomerRegions
2018-07-16 16:27:18	INFO	Opening JDBC connection for URL: jdbc:hs2:c:\Program Files (x86)\Jedox\Jedox Suite\omcat\webapp\jetserver\data/db\etl_TemporarysampleBiker_102;DB_CLOSE_DELAY=10
2018-07-16 16:27:18	INFO	Filled persistence for CustomerRegions_file
2018-07-16 16:27:18	INFO	Retrieving data from extract CustomerRegions

More detailed information at the component level (i.e., extracts, transforms, loads) can be obtained through execution detail monitoring. This can be helpful for performance analysis of complex Integrator jobs. To view runtime details, right-click on the project name in the monitor and select **Show execution runtime details**, as

shown below.



ID	Project	Type
102	sampleBiker	Job
101	sampleBiker	
100	sampleBiker	
3	FileToOlap1_project	Job

Note: the analysis of execution details is also available via the [Jedox Integrator Command Line Client](#) (CLI).

The runtime data can be returned either in tabular or graphical form, as described in the sections below.

Execution runtime details in tabular form

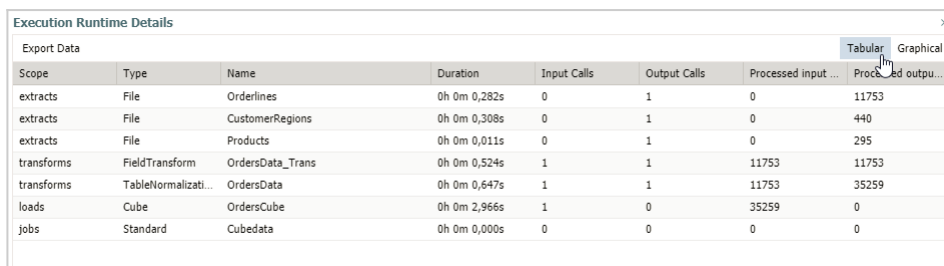
A CSV file can be generated with additional runtime information on the execution of each component (using “;” as delimiter). The following information is available:

- Component name
- Runtime in seconds
- Runtime in % of total runtime
- Number of input calls
- Number of output calls

- Number of input rows
- Number of output rows

For extracts, the number of input calls and rows is always 0. For loads, the number of output calls and rows is always 0.

To generate the CSV file, click on the **Tabular** tab in the Execution Runtime Details window, as indicated below:



Scope	Type	Name	Duration	Input Calls	Output Calls	Processed input rows	Processed output rows
extracts	File	Orderlines	0h 0m 0,282s	0	1	0	11753
extracts	File	CustomerRegions	0h 0m 0,308s	0	1	0	440
extracts	File	Products	0h 0m 0,011s	0	1	0	295
transforms	FieldTransform	OrdersData_Trans	0h 0m 0,524s	1	1	11753	11753
transforms	TableNormalizati...	OrdersData	0h 0m 0,647s	1	1	11753	35259
loads	Cube	OrdersCube	0h 0m 2,966s	1	0	35259	0
jobs	Standard	Cubedata	0h 0m 0,000s	0	0	0	0

Then click on the **Export Data** button in the upper-left corner. A CSV file will be delivered to your default download location.

Execution details in graphical form

A flow graph of the Integrator project can be generated with additional runtime information on the execution for each component. This SVG (Scalable Vector Graphics) file can be opened with any browser.

Available information:

- Component name
- Runtime in seconds

- Number of calls
- Number of rows

For extracts, the number of calls and rows signifies the number of output rows. For transforms the number of calls and rows signifies the number of input rows.

Below is a sample graphic:

