

# Javlin

Data integration expert company

[www.javlin.eu](http://www.javlin.eu)

[www.cloveretl.com](http://www.cloveretl.com)



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**javlin**  
Data Solutions

part solutions  
**ETL**

# Who we are

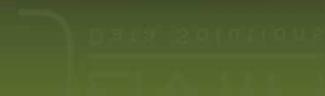
A Czech company specializing in  
**data integration** and **mass data  
processing**.

## Software development

CloverETL product family

## Services

Consultancy services



# Who we are: the facts

60 people/3 branch offices

Majority are java developers and consultants.

Headquarters in **Prague**

Development office in **Brno**

Sales and services **Washington DC** area

Javlin is privately owned and internally funded.



# What do our developers do?

Development of data  
integration and ETL platform

CloverETL

Extract-Transform-Load

[www.cloveretl.com](http://www.cloveretl.com)



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# What is CloverETL?

Software that enables customers to define data sources and targets, data flows among them and apply business rules along the way.

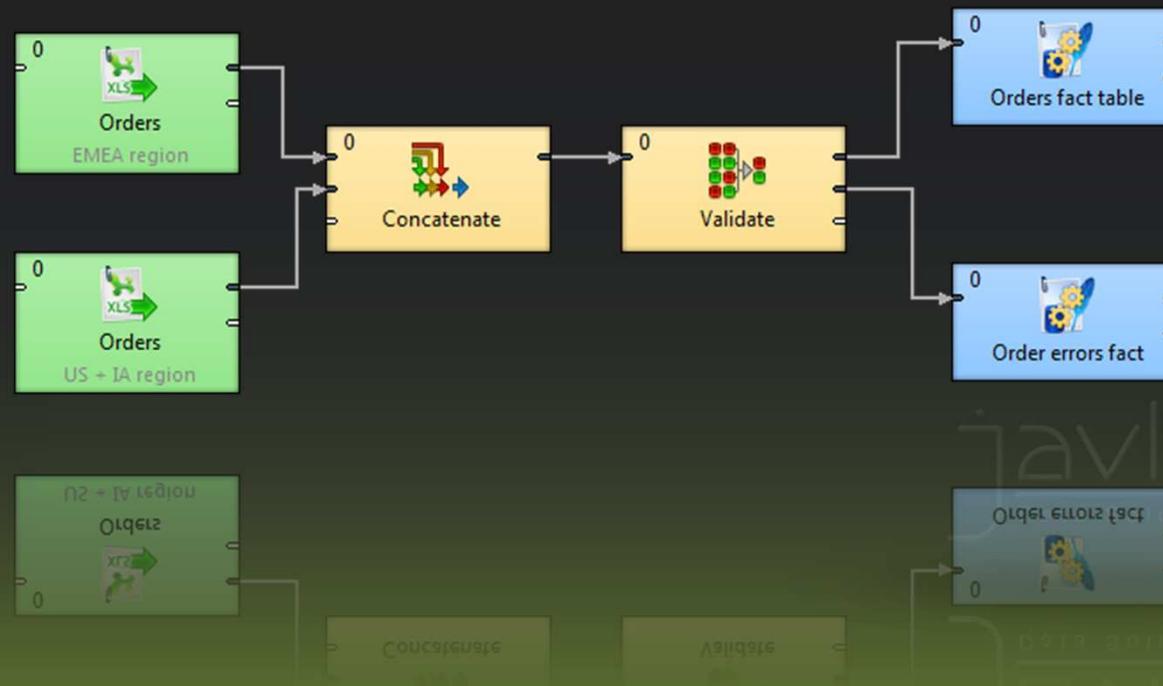
CloverETL is family of Java-based products



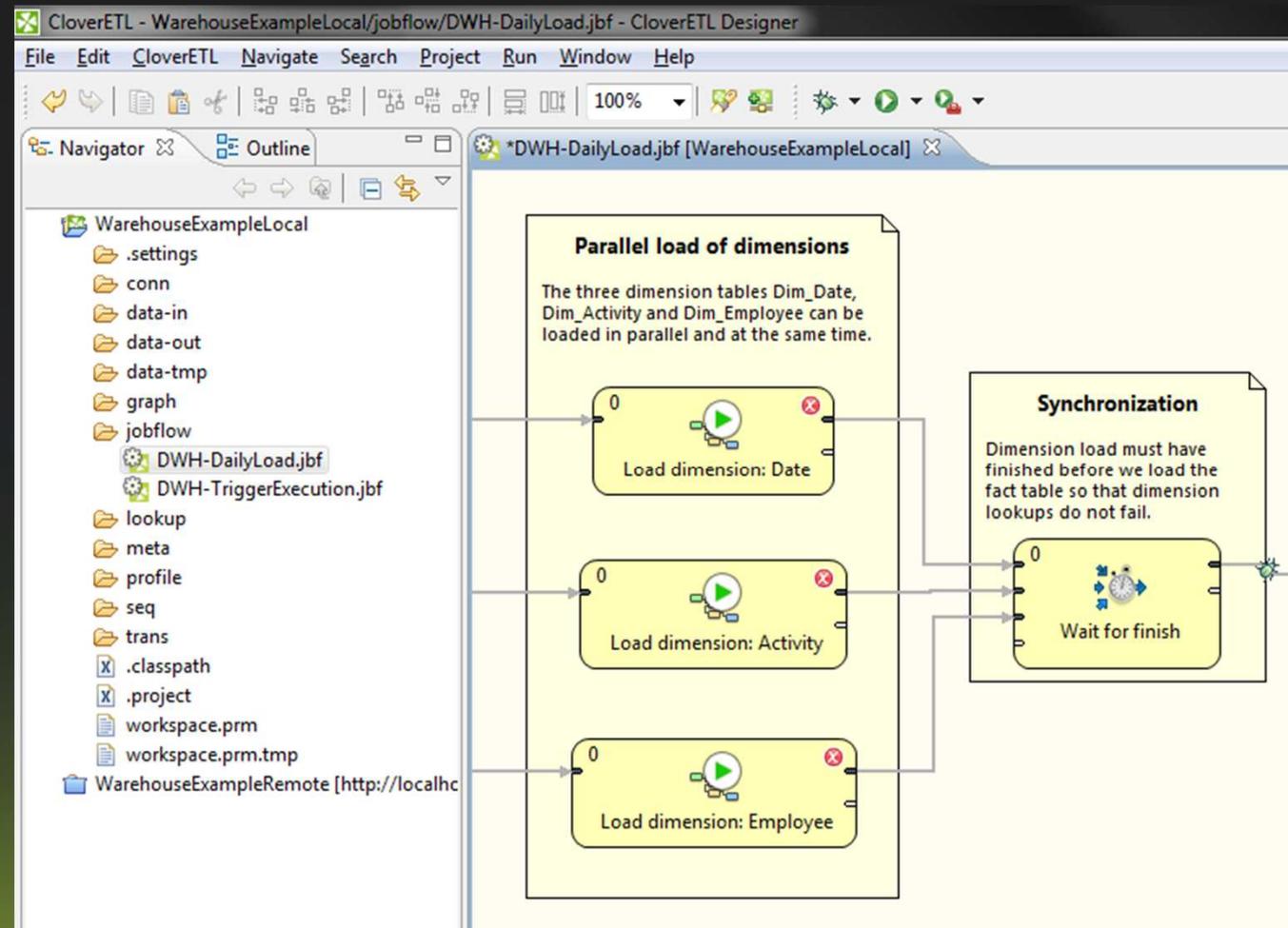
CloverETL <b>Engine</b>	An embedded library
CloverETL <b>Designer</b>	Desktop use
CloverETL <b>Data Profiler</b>	Data quality analysis
CloverETL <b>Server</b>	Enterprise deployment
CloverETL <b>Cluster</b>	Parallel processing

# CloverETL Engine

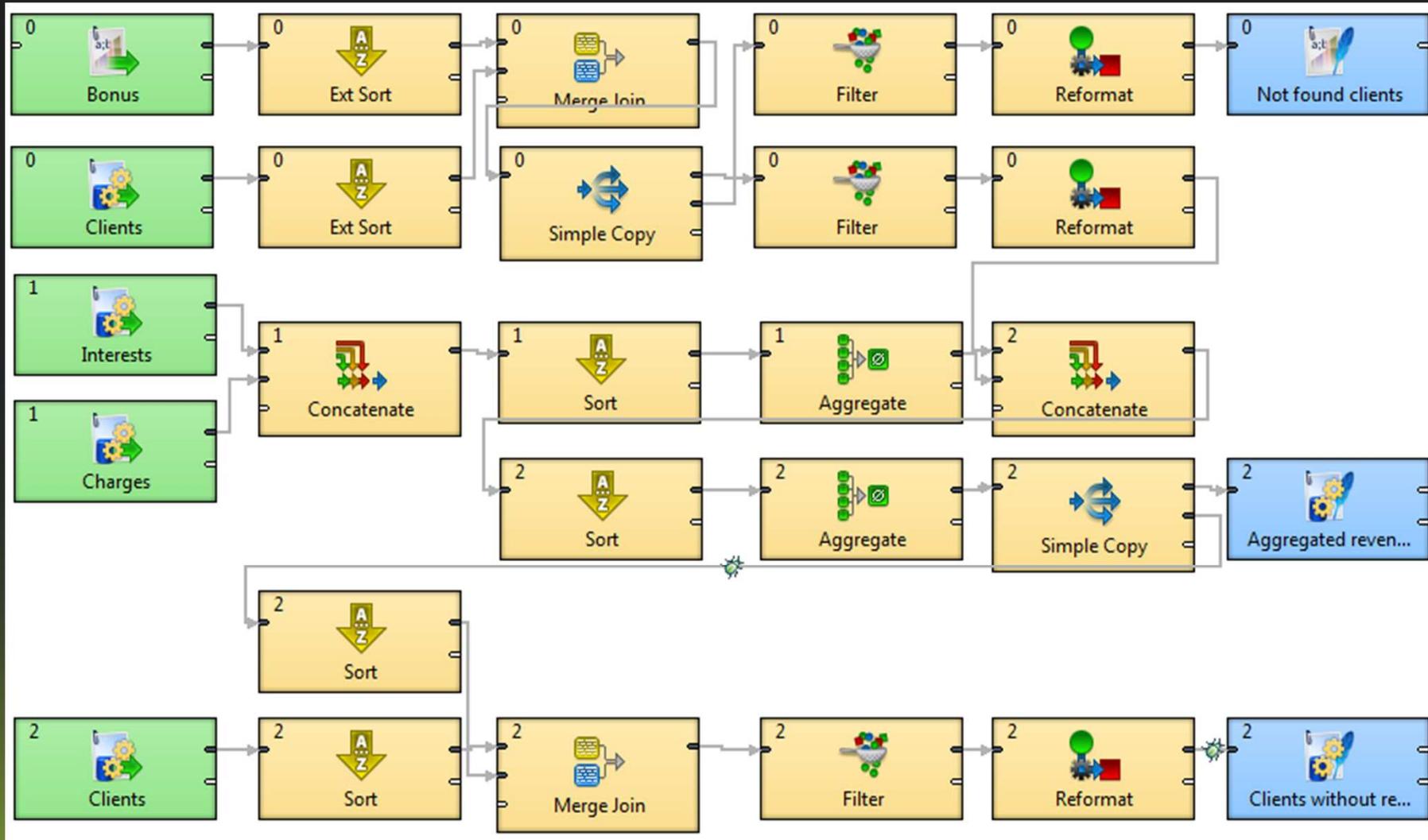
The core concept in CloverETL data processing is a **transformation graph**.



# CloverETL Designer



# Real world example



# Development challenges

## Design for **large deployments**

*GC overhead limit exceeded on 200 GB of RAM*

## Complex use-cases

Design **workflow engine** to use instead of scripting

## Modern technology

**Hadoop, Amazon EC2, parallel processing**



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# We're doing fine

During **ten years in business** we've gained many respectable customers.



IBM	Oracle
GoodData	Cisco
DHL	Comcast
ŠkoFIN	SalesForce
accenture	MuleSoft

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