

Actian DataFlow

Capture More Data Value Faster

High-speed data extraction, transformation, analysis & loading

Actian DataFlow provides a parallel execution platform for real-time processing of data-in-motion. Traditional ETL operations, such as data transformation, data quality, data cleansing, etc., can be performed in parallel, eliminating performance bottlenecks in your data acquisition processes. Moreover, DataFlow can be used to perform real-time analysis of this data-in-motion to identify predetermined patterns and/or outliers to business models, and take prescribed action when these patterns are observed.

Why Use Actian DataFlow?

Easy to Implement – No complex parallel processing issues; visual and API level interfaces

Scalable – Performance dynamically scales with increased core counts and increased nodes

High Throughput – Fast, deep analysis of large data sets with no limit on input data size

Extensible technology – Customize the platform to remain in control of development

Cost Efficient – Maximum performance from commodity multi-core SMP servers and clusters

BENEFITS AND VALUE

Improve Accuracy by using all of your data – Push the compute to the data source for optimum performance, process more data, and find patterns and outliers to get fast, accurate answers.

Add Context – Use all your data sources to bring all your data together to gain contextual depth in your analysis..

Be Agile – Spend more time analyzing your data to gain new insights and less time preparing your data and more time analyzing.

CAPABILITIES

- Design, test and deploy without coding: Build end-to-end analytic workflows in minutes. Actian provides a generous set of pre-built data preparation and analytics operations to drag, drop, and easily configure to meet your needs.
- Ensure scalability: Actian DataFlow automatically detects and utilizes all available cores and nodes at runtime. Gives unmatched data-crunching performance on inexpensive industry standard cluster hardware, using as much as 90% of hardware power without tuning
- Integrate new models easily into your architecture: Actian DataFlow designs and executes on virtually any Hadoop platform connecting to any data source and cooperates with any other software.