

WEBMETHODS INTEGRATION SERVER

Enabling big data initiatives

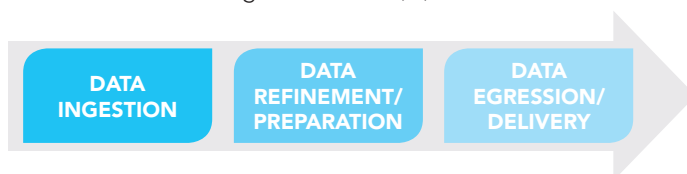


Unlock the value of your big data

More and more companies across the globe are recognizing the value of harnessing big data to make smart decisions about how to increase operational efficiencies, reduce costs, lower risk and better serve customers. Along with this increasing volume of data is the need to develop an infrastructure and adopt strategies and tools to capture, transfer, store, and mine that data. webMethods Integration Server provides connectivity to big data sources, so you can quickly and easily capture and transfer data to warehouses for analysis.

Put your data to work for your business

webMethods Integration Server lets you ingest, refine and deliver data so that you can parse, sort and analyze it exactly how you want. You'll be able to use that data to solve problems, answer questions, shape your customers' experiences and grow your business. Orchestrate map-reduce and Apache Spark™ jobs, perform transformation on Hadoop®, validate and cleanse records, and perform master data management with webMethods Integration Server's big data capabilities. Accomplish that through a library of map-reduce transformation functions, and by orchestrating map-reduce jobs using Designer and webMethods Integration Server (IS).



Big Data Capabilities of the webMethods Integration Platform

Benefits

- Efficient**
 Rapidly process data through support for large files and parallel loading of data. Orchestrate jobs, parse files and perform computations on Hadoop.
- Flexible**
 Choose between multiple delivery options including batch jobs, APIs, messaging, and output connector. Select Apache Hive™, mongoDB®, or Cassandra™—all have been tested and certified with Java® DataBase Connectivity (JDBC®) adapter.
- Fast**
 Run webMethods Integration Server and all its capabilities natively on Hadoop for faster processing of data.
- Secure**
 Future-proof delivery through "CloudStreams framework" for all native Hadoop connectors; count on full Software AG support policies.
- Simple**
 Quickly upload connectors to webMethods Integration Cloud. Configure ingestion jobs with easy-to-use interface.

Features

Data ingestion—capture source data and store it in Hadoop for analytics

- Connectivity to HBASE[®], Apache HDFS[™], Storm[™], Kafka[™] and Spark
- Support for Flume[™], Sqoop[™]
- Schema less support (no need to for interim IDATA)

Data refinement—process and prepare data close to where it resides

- Validate and cleanse records
- Master data management
- Data transformation and mapping
- Schema less support (no need to for interim IDATA[®])
- Connectivity to Hive[™], PIG[™] and Spark

Data egression/delivery—transfer analytics results to other data warehouses, in-memory data grid and applications

- Deliver data using:
 - Batch jobs
 - APIs
 - Messaging
 - Output connector

Take the next step

Please contact your Software AG representative for more details.

“Ensure that big data initiatives are fully integrated with the broader enterprise information and analytics strategy (or have a path to get there), rather than a separate experimental effort. The key is aligning efforts with business objectives.”

— Gartner: Survey Analysis: Practical Challenges Mount as Big Data Moves to Mainstream
03 September 2015 | Analyst(s): Nick Heudecker | Lisa Kart

ABOUT SOFTWARE AG

The digital transformation is changing enterprise IT landscapes from inflexible application silos to modern software platform-driven IT architectures which deliver the openness, speed and agility needed to enable the digital real-time enterprise. Software AG offers the first end-to-end Digital Business Platform, based on open standards, with integration, process management, in-memory data, adaptive application development, real-time analytics and enterprise architecture management as core building blocks. The modular platform allows users to develop the next generation of application systems to build their digital future, today. With over 45 years of customer-centric innovation, Software AG is ranked as a leader in many innovative and digital technology categories. Learn more at www.SoftwareAG.com.

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