Hortonworks

Interactive Data Exploration with KNIME

Open for Innovation
KNIME

"KNIME is proud to work with Hortonworks to blend advanced analytics functionality with Hadoop, all based on powerful open source software."

Michael Berthold
CEO
KNIME.com AG

KNIME is the leading open platform for data-driven innovation helping you to stay ahead of change. Use KNIME's open-source, enterprise-grade analytics platform to discover the potential hidden in your data, mine for fresh insights or predict new futures.

KNIME Analytics Platform consists of a visual workbench that combines data access, data transformation, initial investigation, powerful predictive analytics and visualization. KNIME also provides the ability to develop reports based on your information or automate the application of new insights back into production systems. KNIME Analytics Platform is available under GPL license.

KNIME Analytics Platform provides over 1000 data analytic routines either natively or through other integrated tools such as R and WEKA. KNIME analytic workflows can not only be run through the interactive user interface but also via remote or scheduled execution, enabling the data analysis process to be easily integrated into your existing environment.

KNIME also incorporates a Report Designer that enables enterprises to use data and results as input for comprehensive reports, which can be stored as templates. Reports are created in common industry standard document formats such as PDF, XLS, DOC, PPT and others.

With KNIME Big Data Extension, access to your data is now even easier. As part of the commercial KNIME.com AG offerings, the extension provides a set of nodes for accessing Hadoop/HDFS via Hive from inside KNIME Analytics Platform. It brings with it all required libraries — after installing the extension from KNIME's update website no additional steps are needed.

What Business Challenges are Solved?

Low Cost, Zero Risk

KNIME is a collaborative platform for joint development, analytics and easy sharing of knowledge, tools and insights – with minimal investment.
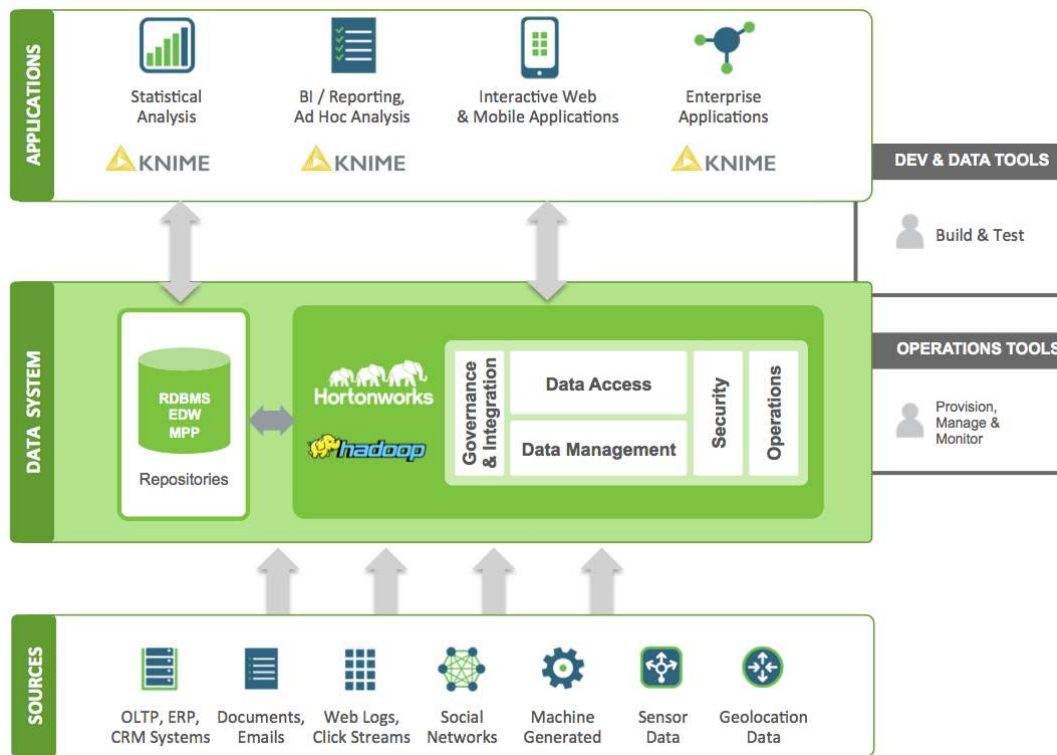
Highly Customizable

KNIME has a broad range of free and commercial applications as part of the analytics platform. KNIME also offers an SDK, which allows you to implement customized application.

Mix and Match

With KNIME, you can mix data sources and tools as well as pick and choose exactly where a particular operation or task should complete, giving you total control over the workflows that you build.

KNIME in the Modern Data Architecture

Features and Benefits of the Combined Solution

- Open-source solution that inter-operates with the Hortonworks Data Platform (HDP) via the certified commercial KNIME Big Data Extension
- Easily extensible via the KNIME modular API to provide first tier support for high domain specific data
- Code-free set and intuitive interface means that insights can be derived quickly

KNIME Analytics Platform and support for HDP

KNIME Analytics Platform has a commercial Big Data Extension that supports integration to Hadoop

KNIME is a Certified Technology Partner

The Hortonworks Certified Technology Program reviews and certifies technologies for architectural best practices, validated against a comprehensive suite of integration test cases, benchmarked for scale under varied workloads and comprehensively documented.

Hortonworks. We do Hadoop.

Hortonworks is a leading commercial vendor of Apache Hadoop, the open source platform for storing, managing and analyzing Big Data. Hortonworks Data Platform, our distribution of Apache Hadoop, provides an open and stable foundation for enterprises and a growing ecosystem to build and deploy Big Data solutions.

Hortonworks is the trusted source for information on Hadoop, and together with the Apache community, Hortonworks is making Hadoop an enterprise data platform. Hortonworks provides unmatched technical support, training and certification programs for enterprises, systems integrators and technology vendors.

For additional questions, contact:

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