

# Karmasphere Analyst

Get graphical SQL access to IBM InfoSphere BigInsights from the desktop.

**Karmasphere Analyst** provides quick, efficient SQL access to big data on IBM InfoSphere BigInsights from a familiar graphical desktop environment running on Windows, MacOS or Linux.

Karmasphere Analyst expands the capabilities of Apache Hive, so that technical analysts, SQL programmers, data developers and DBAs can easily create and manage tables, access data on Hadoop with SQL, visualize and integrate results with other desktop applications and data stores – all from a familiar graphical desktop environment.

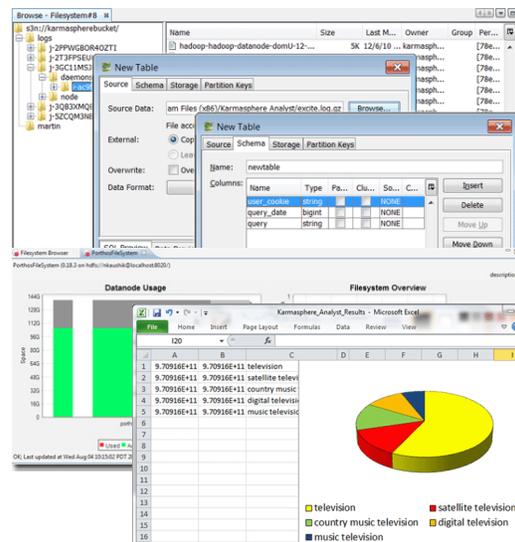
“ Karmasphere has significantly reduced our development time for MapReduce jobs ”

Jeff Ellin  
Vice President, Technology, TidalTV

Karmasphere Analyst works with structured and unstructured data, automatically discovers schema, and can access any Hadoop cluster in private data centers or in the cloud.

**Analyze all your Big Data**  
Supports IBM InfoSphere BigInsights

**Works on any Desktop**  
Windows, MacOS, Linux



Karmasphere Analyst gives you easy SQL access to your data in Hadoop.

<b>Discover Data, Create and Manage Tables</b>	Access any Hadoop cluster, its data, and create schemas for use with Hadoop and Hive	<ul style="list-style-type: none"> <li>Automatic discovery of Hadoop data structures including structured and unstructured data</li> <li>Unified view of multiple Hadoop data stores from the desktop</li> <li>Easy creation and manipulation of new tables and existing Hive tables</li> <li>Drag and drop access to Hadoop (HDFS) file system from the desktop</li> <li>Support for local metadata stores and remote, shared metadata stores via JDBC</li> </ul>
<b>Write &amp; Prototype SQL</b>	Visually develop, optimize and debug SQL queries for any Hadoop environment from the desktop	<ul style="list-style-type: none"> <li>Query syntax checking</li> <li>Visual query plans</li> <li>Query explanations</li> <li>Embedded Hive and Hadoop for desktop prototyping</li> <li>More than 100 User Defined Functions (UDFs) and common SerDe's</li> <li>Customization with User Defined Functions (UDFs) and SerDe's</li> </ul>
<b>Profile and Diagnose</b>	Visually monitor, profile, manage and diagnose Hive-based SQL jobs	<ul style="list-style-type: none"> <li>Graphical query plan progress display</li> <li>Job profiling with calendars, I/O charts, Histograms, etc.</li> <li>Job diagnostics leveraging Apache Vaidya project</li> <li>Visual log file access of job task and mapper progress on a Hadoop cluster</li> </ul>
<b>Generate, Visualize and Explore</b>	View, store and integrate query results in multiple ways	<ul style="list-style-type: none"> <li>Out-of-the-box tabular and page-able display of results</li> <li>Out-of-the-box support to store results on Hadoop cluster</li> <li>Support for storage in other data stores via UDFs</li> <li>One button visualization within familiar desktop applications including Microsoft Excel and Tableau</li> </ul>
<b>Keep Data Secure</b>	Safely communicate with clusters behind firewalls	<ul style="list-style-type: none"> <li>SSH access to clusters behind firewalls</li> </ul>
<b>Get Priority Support</b>	Get priority technical support	<ul style="list-style-type: none"> <li>From the leader in Hadoop developer and analyst tools</li> </ul>



**Big Analytics for Big Data on Hadoop**

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# Karmasphere Studio

Graphically develop Hadoop jobs for IBM InfoSphere BigInsights. Fast.

**Karmasphere Studio** is a graphical environment to develop, debug, deploy and monitor applications for Hadoop. It accelerates the development process for experienced Hadoop developers and reduces the learning curve for those new to Hadoop. By making it easy to learn and implement MapReduce jobs, Karmasphere Studio increases productivity by shielding users from the intricacies of Hadoop, enabling them to do more in fewer steps. Jobs can be deployed from any operating system, through any proxy and firewall, and to any version of Hadoop in private or public clouds.

“ Karmasphere is beneficial because it gives the developer tools that they are familiar using in other environments, plus it brings in tools critical to working in a Hadoop environment, which allows users to quickly package and launch jobs without having to get their hands dirty inside Hadoop ”

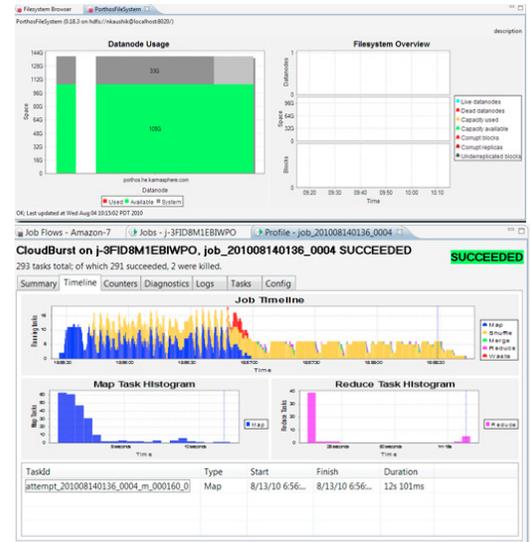
Will Duckworth, Vice President,  
Software Engineering, comScore, Inc.

Karmasphere Studio provides value to developers just starting with Hadoop and to experienced developers of Java, Cascading and Streaming jobs for Hadoop.

**Develop for IBM's Big Data Platform**  
Supports IBM InfoSphere BigInsights

**Develop and test from the Desktop**  
Windows, MacOS, Linux

**Use with your favorite IDE**  
Eclipse, NetBeans



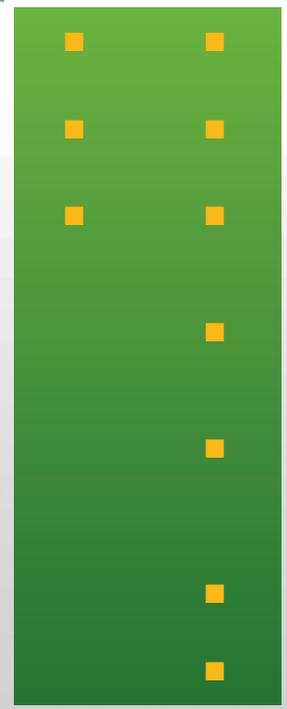
Karmasphere Studio allows you to quickly and easily graphically develop and debug Hadoop applications.

## Community and Professional Versions

Get going quickly with the free Karmasphere Studio Community Edition. When you're ready to profile, optimize, package and debug production jobs, reach for the Professional Edition.

Feature	Community Edition	Professional Edition
<b>Learn and Prototype</b>	• Simplify and reduce the learning curve with guided MapReduce development	• Simplify and reduce the learning curve with guided MapReduce development
<b>Develop &amp; Debug</b>	• Visually build Hadoop applications quickly • Debug locally without lengthy deployment and fixing cycles • Understand every MapReduce application in detail	• Visually build Hadoop applications quickly • Debug locally without lengthy deployment and fixing cycles • Understand every MapReduce application in detail
<b>Monitor &amp; Access the Hadoop Cluster</b>	• Monitor the cluster, HDFS and jobs on the cluster • Access local and HDFS files including log files with familiar drag and drop system	• Monitor the cluster, HDFS and jobs on the cluster • Access local and HDFS files including log files with familiar drag and drop system
<b>Profile and Optimize Jobs for Production</b>	• Graphically monitor and profile application performance and behavior in-depth • Investigate and diagnose the behavior of any job • Identify and fix problems	• Graphically monitor and profile application performance and behavior in-depth • Investigate and diagnose the behavior of any job • Identify and fix problems
<b>Package and Export for Production</b>	• Package and export jobs from the development environment • Automatically package the MapReduce job into a JAR file to hand over to production cluster job schedulers • Control parameter generation to limit configuration problems	• Package and export jobs from the development environment • Automatically package the MapReduce job into a JAR file to hand over to production cluster job schedulers • Control parameter generation to limit configuration problems
<b>Deploy and Manage on Production Clusters Securely</b>	• Profile, optimize, diagnose, and fix through firewalls • Access Hadoop clusters through SSH	• Profile, optimize, diagnose, and fix through firewalls • Access Hadoop clusters through SSH
<b>Get Priority Support</b>	• Get priority technical support from the leader in Hadoop developer and analyst tools	• Get priority technical support from the leader in Hadoop developer and analyst tools

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Community Edition Professional Edition



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