

Release Notes for Brisk 1.0 beta 1

Introduction to Brisk:

Brisk is an open-source Hadoop and Hive distribution developed by DataStax that utilizes Apache Cassandra for its core services and storage. Brisk provides Hadoop MapReduce capabilities using CassandraFS, an HDFS-compatible storage layer inside Cassandra. By replacing HDFS with CassandraFS, users are able to leverage their current MapReduce jobs on Cassandra's peer-to-peer, fault-tolerant, and scalable architecture. Brisk is also able to support dual workloads, allowing you to use the same cluster of machines for both real-time applications and data analytics without having to move the data around between systems.

Brisk is now available via Apache license v2.0.

The DataStax team welcomes your valued feedback.

Major components of this release:

Yahoo/Apache Hadoop 0.20-security-203
Apache Cassandra 0.8-beta2
Apache Hive 0.7
Apache Thrift 0.6.0

Monitoring & Managing the cluster (optional):

DataStax OpsCenter v1.1

Please see respective components for their release notes specific to the version.

Known Issues

BRISK-169	HiveSQL drop table hangs (infinite loop of queries in DEBUG) after performing lots of alters to a table or after inserting data into a table with an index
BRISK-172	Tests/Jobs that read mapred-site.xml directly will fail to find JobTracker
BRISK-173	AMI has intermittent issue with starting up raid devices

For the latest on these issues: <https://datastax.jira.com/browse/BRISK>

Product Download & Documents Links

Product downloads, updates in form of AMI, rpm, .deb are available from DataStax website.

<http://www.datastax.com/products/brisk>

Sources & build directions are hosted on github -

<https://github.com/riptano/brisk>

<https://github.com/riptano/hive>

<https://github.com/riptano/brisk-hadoop-common>

Getting Started documents, faqs and wikis are hosted at the DataStax developer center:

<http://www.datastax.com/dev/>

Feedback:

Please join us for feedback and conversations on Brisk email lists:

<http://groups.google.com/group/brisk-users>

<http://groups.google.com/group/brisk-dev>

<http://groups.google.com/group/brisk-commit>

and on Internet Relay Chat (irc): **#datastax-brisk**