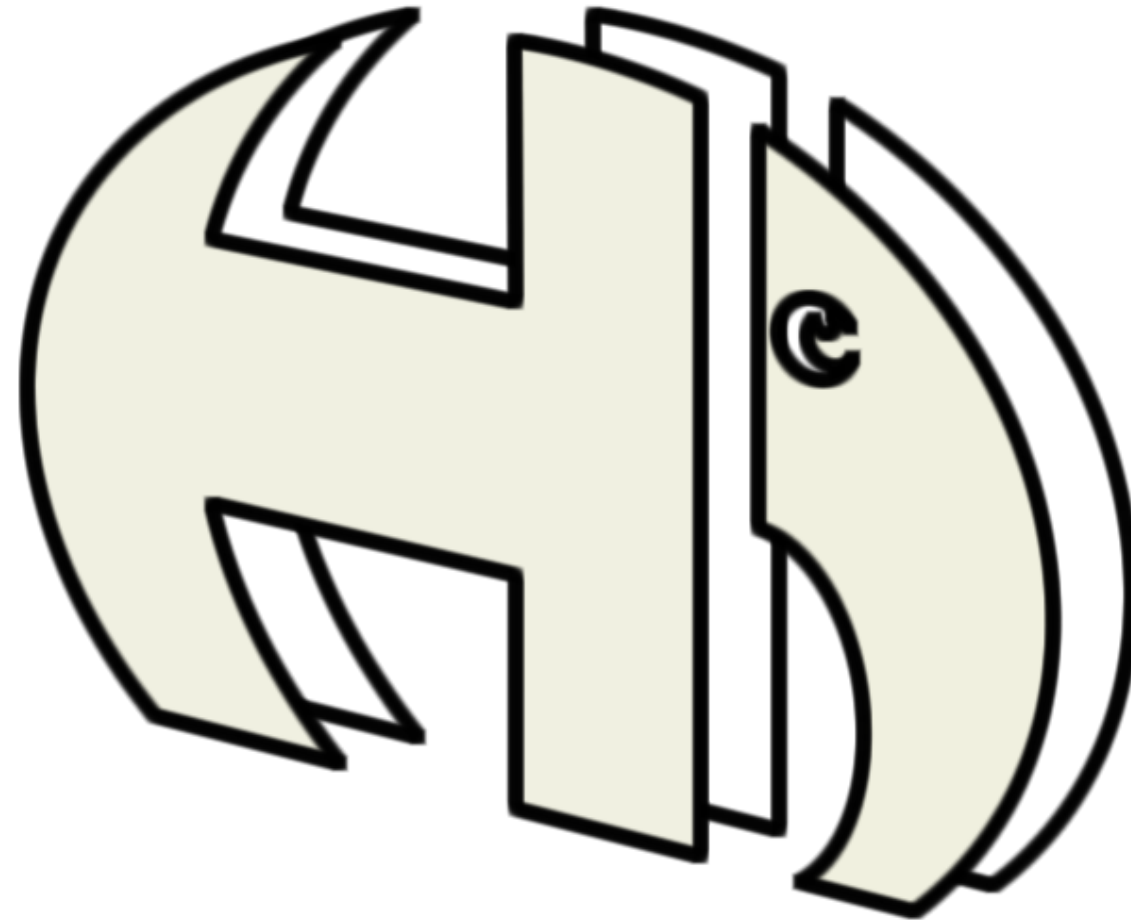


Sqoop UI in HUE



Abraham Elmahrek

Sqoop contributor

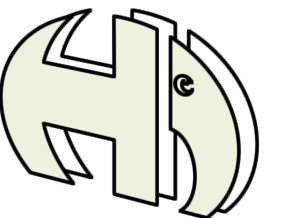
Hue overlord

WHAT IS HUE?

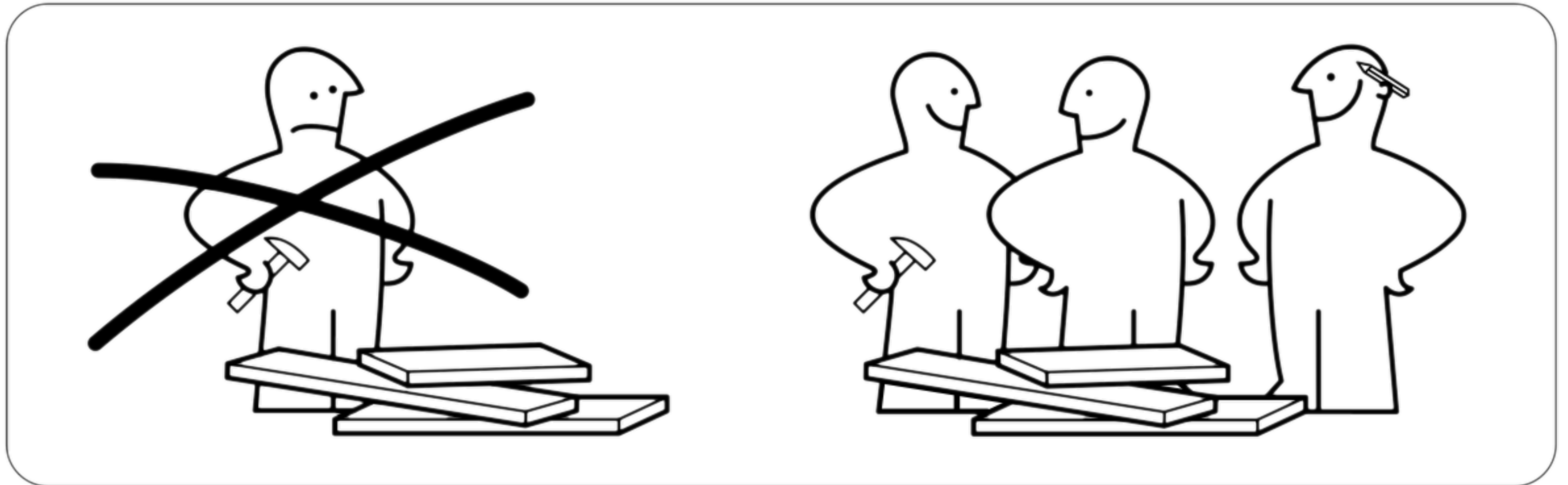
Web Interface for making Hadoop easier to
use

Suite of apps for each Hadoop
component

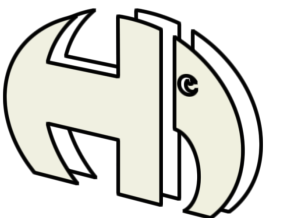
e.g. Hive, Pig, Impala, Oozie, Solr, Sqoop, HBase...



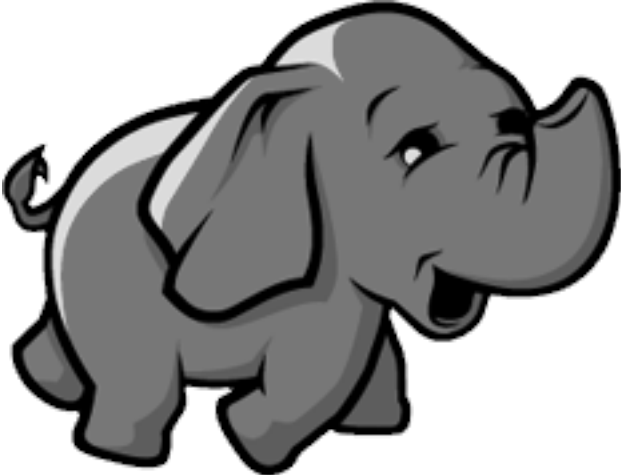
HUE IS OPEN SOURCE



2400+ commits 31 contributors 416 stars 132 forks



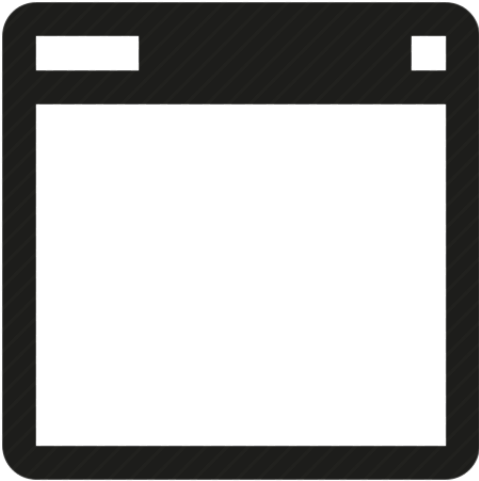
Birds' Eye View



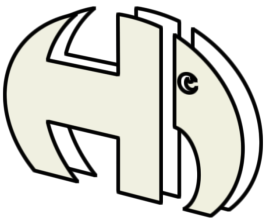
Hadoop



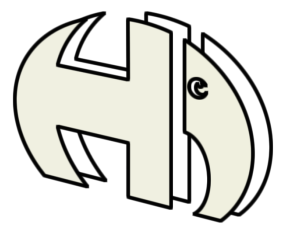
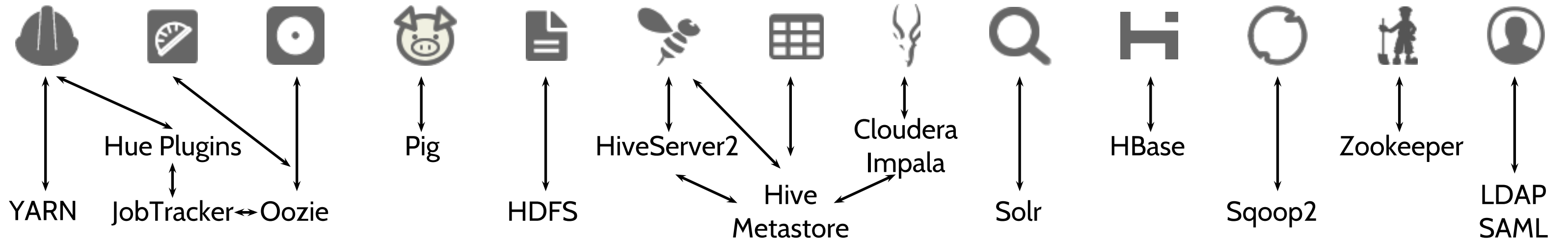
Web Server



Browser



Hadoop World



Why: A Sqoop UI?

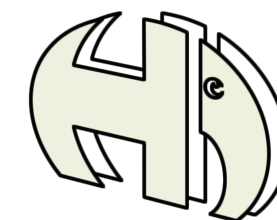
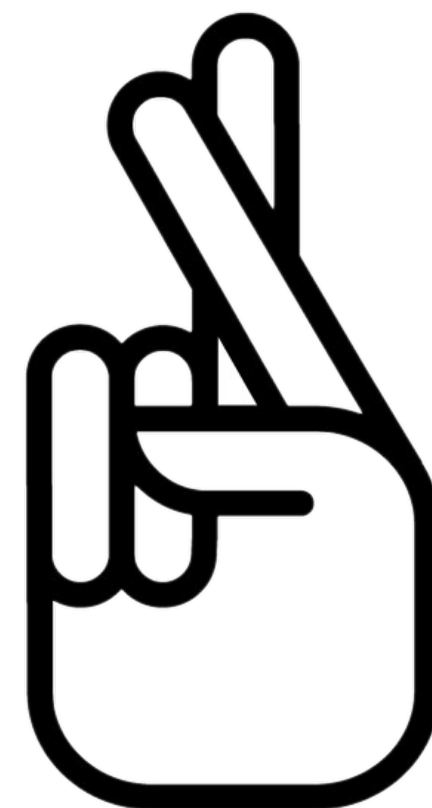
- Shortcuts and UI tricks
- Some users prefer a UI (it's 2013 after all...)
- Integrated user experience
 - HDFS
 - Hive
 - Pig
 - etc.



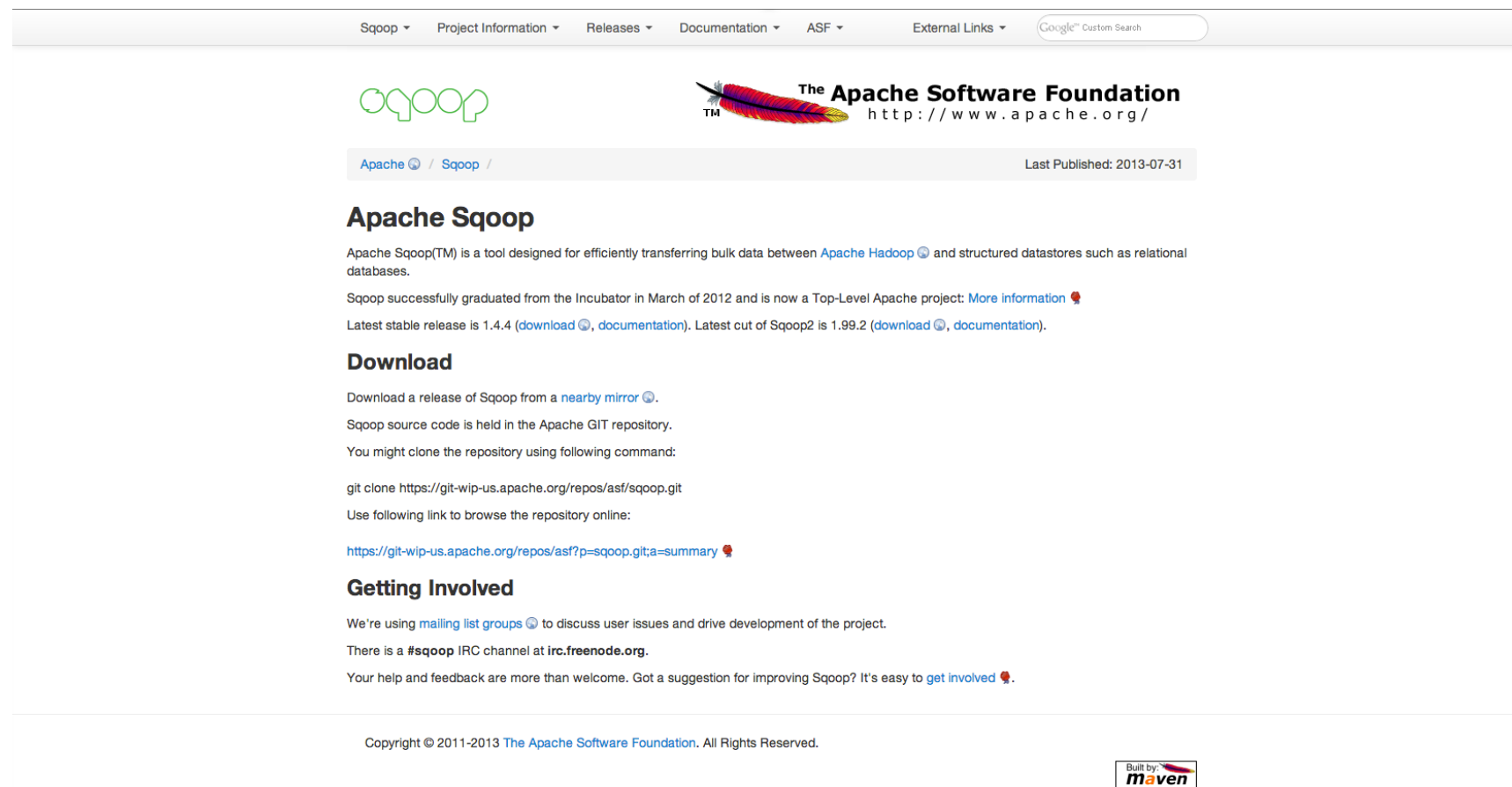
How: A Sqoop UI?

- Sqoop 2 is Sqoop as a Service
 - RESTful HTTP service
 - Intelligently componentized
 - Connectors
 - Connections
 - Submissions
 - Jobs

DEMO TIME

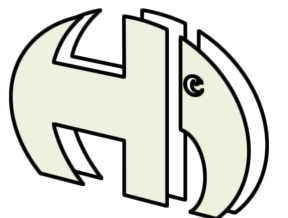


LINKS

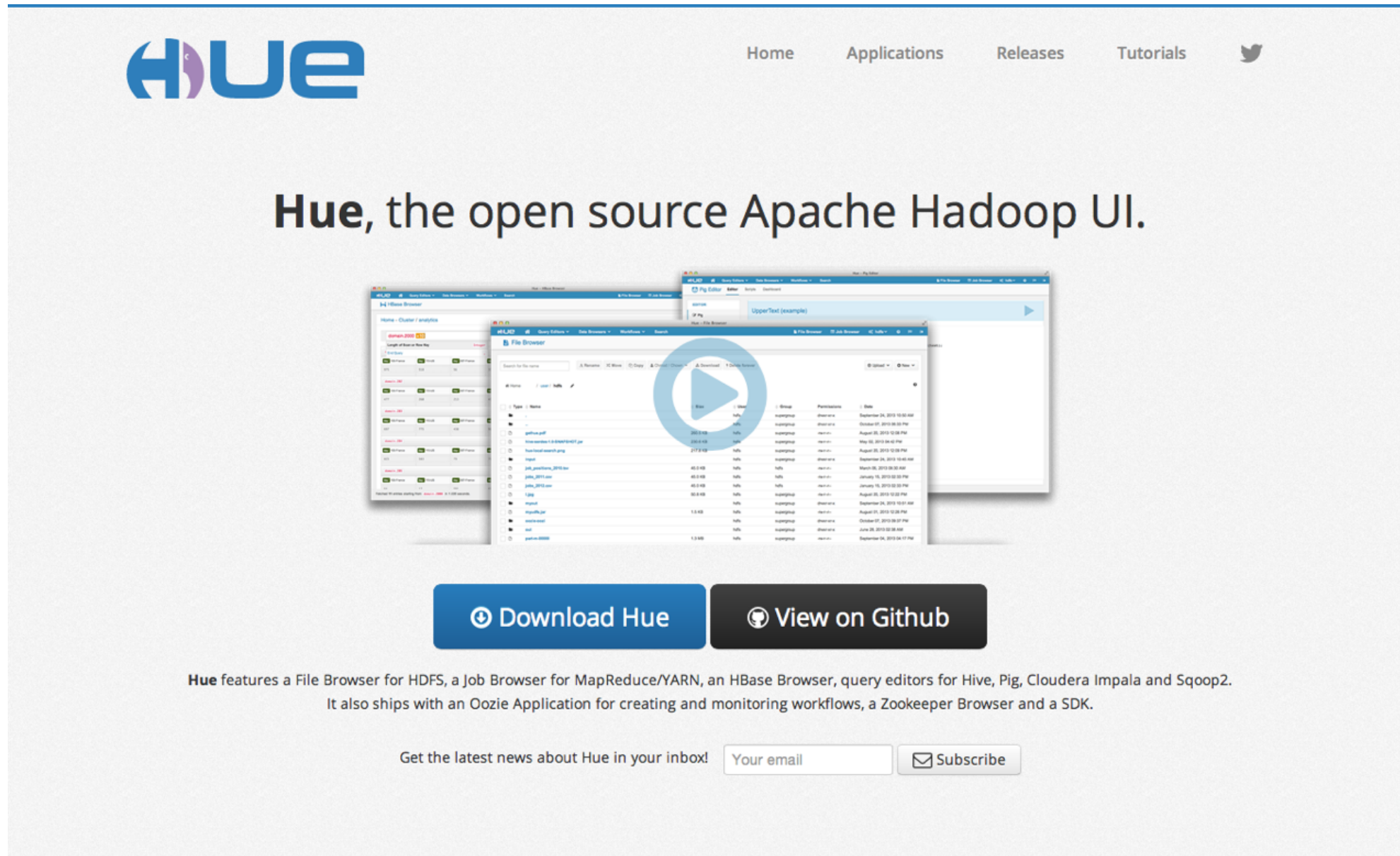


The screenshot shows the Apache Sqoop website. At the top, there is a navigation bar with links for Sqoop, Project Information, Releases, Documentation, ASF, and External Links, along with a Google Custom Search box. Below the navigation bar, the Apache Sqoop logo is on the left, and the Apache Software Foundation logo and name are on the right. A breadcrumb trail shows 'Apache / Sqoop' and 'Last Published: 2013-07-31'. The main content area is titled 'Apache Sqoop' and contains the following text: 'Apache Sqoop(TM) is a tool designed for efficiently transferring bulk data between Apache Hadoop and structured datastores such as relational databases. Sqoop successfully graduated from the Incubator in March of 2012 and is now a Top-Level Apache project: More Information. Latest stable release is 1.4.4 (download, documentation). Latest cut of Sqoop2 is 1.99.2 (download, documentation).'. Below this is a 'Download' section with instructions on how to download a release, access source code, and clone the repository. The 'Getting Involved' section mentions mailing lists and an IRC channel. At the bottom, there is a copyright notice for 2011-2013 and a 'Built by: maven' logo.

sqoop.apache.com



LINKS



The screenshot shows the Hue website homepage. At the top left is the Hue logo. To its right is a navigation menu with links for Home, Applications, Releases, and Tutorials, followed by a Twitter icon. The main heading reads "Hue, the open source Apache Hadoop UI." Below this is a video player showing a preview of the Hue interface, including a file browser and a Pig editor. Underneath the video are two buttons: "Download Hue" and "View on Github". A paragraph of text describes the features of Hue, such as the File Browser for HDFS, Job Browser for MapReduce/YARN, and various query editors. At the bottom, there is a newsletter sign-up form with the text "Get the latest news about Hue in your inbox!" and a "Subscribe" button.

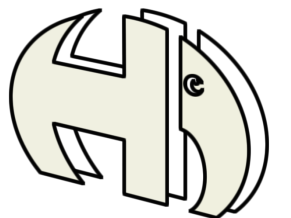
Hue, the open source Apache Hadoop UI.

[Download Hue](#) [View on Github](#)

Hue features a File Browser for HDFS, a Job Browser for MapReduce/YARN, an HBase Browser, query editors for Hive, Pig, Cloudera Impala and Sqoop2. It also ships with an Oozie Application for creating and monitoring workflows, a Zookeeper Browser and a SDK.

Get the latest news about Hue in your inbox!

gethue.com



LINKS

<http://gethue.com/post/63064228790/move-data-in-out-your-hadoop-cluster-with-the-sqoop>

The screenshot shows a web page from the Hue project. At the top left is the Hue logo. The navigation menu includes 'Home', 'Applications', 'Releases', 'Tutorials', and a language selector. The main heading is 'Move data in & out your Hadoop cluster with the Sqoop UI'. Below the heading is a short introductory paragraph: 'Hi Ice Cream lovers, Hue, the open source Big Data UI, has a brand new application that enables transferring data between relational databases and Hadoop. This new application is driven by Sqoop 2 and has several user experience improvements to boot.' Below the text is a video player with a title 'Hadoop Tutorial: Hue and the new Sqoop 2 app' and a 'vimeo' logo. On the right side, there are sections for 'Blog Archive' and 'Blog Tags' with a list of tags and their respective counts.

HUE Home Applications Releases Tutorials

Move data in & out your Hadoop cluster with the Sqoop UI

Hi Ice Cream lovers,
Hue, the [open source Big Data UI](#), has a brand new application that enables transferring data between relational databases and [Hadoop](#). This new application is driven by [Sqoop 2](#) and has several user experience improvements to boot.

HUE | THE NEW SQOOP 2 APP

02:12 **HD**

Blog Archive
Browse archive

Blog Tags

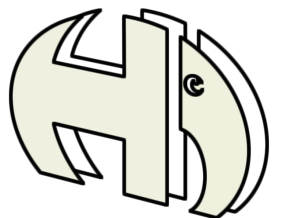
- File Browser 1
- Job Browser 1
- enterprise 2
- hbase 3
- hdfs 1
- hive 5
- impala 2
- metastore 1
- oozie 3
- pig 2
- presentation 3
- release 1
- sdk 3
- season2 6
- sqoop 2
- tutorial 13
- user admin 2
- video 13
- zookeeper 1



LINKS

The screenshot displays the Twitter profile for the Hue Team (@gethue). The profile header includes the Hue logo, the name "Hue Team", the handle "@gethue", and the bio: "Hue is an open source UI for making Apache Hadoop easier to use." Below the bio, it shows 242 tweets, 249 following, and 241 followers. The main content area features a grid of tweets, with the most recent one discussing how to bundle Oozie coordinators with Hue. The left sidebar contains navigation options like "Tweets", "Following", "Followers", "Favorites", and "Lists", as well as a "Who to follow" section with suggestions for Josep di Paolantonio, gibson86, and David Sacks.

@gethue



LINKS

Search Images Mail Drive Calendar **Groups** Contacts Maps YouTube More -

cloudera Search for topics Search enrico.berli@cloudera.com

Groups NEW TOPIC Refresh Mark all as read Filters











My groups Home My discussions Starred

▼ Favorites **Hue-Users**

▼ Recently viewed CDH Development Cloudera Manager ... CDH Users Hue-Users Hue-Development

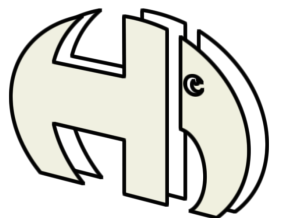
Hue-Users Shared publicly 30 of 725 topics Members · About

Welcome to the user forum of Hue! Hue is the UI for making Apache Hadoop easier to use: gethue.com

 Sqoop App in Hue By pawan singh - 9 posts - 0 views	8:41 PM
 Re: Yet another strange thing about hive and beeswax By Romain Rigaux - 3 posts - 0 views	7:55 PM
 Quickstart VM Pig Problems By popcom...@gmail.com - 3 posts - 5 views	5:53 PM
 How to bundle Oozie coordinators By Romain Rigaux - 1 post - 0 views	5:23 PM
 Error running Pig Query on Hue's Pig Editor By Alex Soto - 17 posts - 15 views	11:49 AM
 hive and oozie workflows By kmjavaf...@gmail.com - 2 posts - 1 view	Oct 11
 Error: org.apache.thrift.TApplicationException: Internal error processing get_table_objects_by_name By srikanth J - 2 posts - 1 view	Oct 10
 UNIX system authentication on Hue By madha...@gmail.com - 2 posts - 5 views	Oct 10
 Using new HBase GUI in Hue By bob.w...@gmail.com - 4 posts - 5 views	Oct 10
 Any way to set admin user/password from CLI during install By Christian Smith - 3 posts - 1 view	Oct 9

©2013 Google Privacy - Terms of Service - Google Home

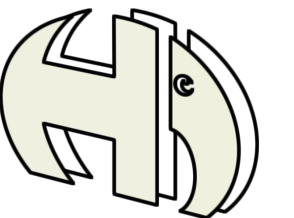
hue-user@



FEEDBACK

What next?

team@gethue.com



FIN.

