

Apache Mahout - Overview

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1. Apache Lucene Mahout

Mahout's goal is to build scalable, Apache licensed machine learning libraries. Initially, we are interested in building out the ten machine learning libraries detailed in <http://www.cs.stanford.edu/people/ang/papers/nips06-mapreducemulticore.pdf> using Hadoop. While these algorithms are our initial focus, we welcome contributions of other machine learning approaches.

Interested in helping? See the Wiki or send us an email. Also note, we are just getting off the ground, so please be patient as we get the various infrastructure pieces in place.

2. Mahout News

2.1. 09 February 2009 - Lucene at ApacheCon Europe 2009 in Amsterdam



Lucene will be extremely well represented at ApacheCon US 2009 in Amsterdam, Netherlands this March 23-27, 2009:

- Lucene Boot Camp - A two day training session, March 23 & 24th
- Solr Boot Camp - A one day training session, March 24th
- Introducing Apache Mahout - Grant Ingersoll. March 25th @ 10:30
- Lucene/Solr Case Studies - Erik Hatcher. March 25th @ 11:30
- Advanced Indexing Techniques with Apache Lucene - Michael Busch. March 25th @ 14:00
- Apache Solr - A Case Study - Uri Boness. March 26th @ 17:30
- Best of breed - httpd, forrest, solr and droids - Thorsten Scherler. March 27th @ 17:30
- Apache Droids - an intelligent standalone robot framework - Thorsten Scherler. March 26th @ 15:00

2.2. 22 July 2008 - Lucene at ApacheCon New Orleans



Lucene will be extremely well represented at ApacheCon US 2008 in New Orleans this November 3-7, 2008:

- Lucene Boot Camp - A two day training session, November 3rd & 4th
- Solr Boot Camp - A one day training session, November 4th
- An entire day of Lucene sessions, including a talk on Mahout by Mahout committer Grant Ingersoll, on November 5th

2.3. 4 April 2008 - Mahout - Now with more Taste!

We are pleased to announce that the Taste Collaborative Filtering (Taste on SourceForge) has donated its codebase to the Mahout project. In the coming weeks and months we will work to bring it into Mahout and then make it run on Hadoop, bringing truly large scale collaborative filtering capabilities to our users.

2.4. 16 March 2008 - Google Summer Of Code Projects

The ASF is in the process of creating projects for Google's annual Summer of Code Project. Mahout has a number of people willing to be mentors, so if you are a student interested in working on machine learning algorithms using Hadoop, then please check out the ASF Summer of Code wiki page.

2.5. 22 January 2008 - Mahout launches

The Lucene PMC announces the creation of the Mahout subproject.