

# Apache Lucene - Overview

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## 1. Apache Lucene

Apache Lucene is a high-performance, full-featured text search engine library written entirely in Java. It is a technology suitable for nearly any application that requires full-text search, especially cross-platform.

Apache Lucene is an open source project available for free download. Please use the links on the left to access Lucene.

## 2. Lucene News

### 2.1. 2 October 2007 - Lucene at OSSummit Asia

Lucene and Solr tutorials!

The following talks and trainings are scheduled for this year's conference:

- November 26: Lucene Boot Camp by Grant Ingersoll/Erik Hatcher. An all-day training focusing on getting started with Lucene.
- November 27: Solr in a Day by Erik Hatcher. All you need to know to use Solr effectively.
- November 30, 11:30 am: Lucene Case Studies by Erik Hatcher. A rapid series of examples of many Lucene-using applications.

### 2.2. 26 August 2007 - Lucene at ApacheCon Atlanta

Lucene will once again be well represented at ApacheCon USA in Atlanta this November 12-16, 2007.

The following talks and trainings are scheduled for this year's conference:

- November 12: Lucene Boot Camp by Grant Ingersoll. An all-day training focusing on getting started with Lucene.
- November 16, 9:00 am: Apache Solr out of the Box by Chris Hostetter. Introduction to Solr.
- November 16, 10:00 am: Building a Vertical Search Site using Apache Software by Ken Krugler. Will cover many Lucene-based projects.
- November 16, 3:00 pm: Apache Lucene Performance by Grant Ingersoll. Tips and techniques for improving Lucene performance.
- November 16, 4:00 pm: Advanced Indexing Techniques with Apache Lucene by Michael Busch. Information on payloads and advanced indexing techniques.

### **2.3. 19 June 2007 - Release 2.2 available**

This release has many improvements since release 2.1. New major features:

- "Point-in-time" searching over NFS
- Payloads
- Function queries
- New API for pre-analyzed fields

In addition Lucene 2.2 has many performance improvements, bug fixes, etc. See CHANGES.txt for details.

Lucene 2.2 includes index format changes that are not readable by older versions of Lucene. Lucene 2.2 can both read and update older Lucene indexes. Adding to an index with an older format will cause it to be converted to the newer format.

Binary and source distributions are available here.

### **2.4. 18 February 2007 - Lucene at ApacheCon Europe**

Lucene Java and related Lucene projects will have extensive representation at ApacheCon Europe in Amsterdam this year. For the 2007 session, Yonik Seeley will be giving the Full-Text Search with Lucene talk at 10:30 am on May 2nd. Immediately following, Grant Ingersoll will be presenting Advanced Lucene at 11:30. Grant will also be leading a full day tutorial session on May 1st titled Lucene Boot Camp.

Lucene related talks include Solr committer Bertrand Delacrétaiz's talk titled Beyond full-text searches with Solr and Lucene and Hadoop committer Owen O'Malley's Introduction to Hadoop.

Registration is now open on the ApacheCon website.

### **2.5. 17 February 2007 - Release 2.1 available**

This release has many improvements since release 2.0, including new features, performance improvements, bug fixes, etc. See CHANGES.txt for details.

Lucene 2.1 includes index format changes that are not readable by older versions of Lucene. Lucene 2.1 can both read and update older Lucene indexes. Adding to an index with an older format will cause it to be converted to the newer format.

Binary and source distributions are available here.

### **2.6. 3 January 2007 - Nightly Source builds available**

Nightly source builds of the current development version of Lucene are now available at <http://people.apache.org/builds/lucene/java/nightly/>. Files are named lucene-DATE-src.tar.gz where DATE is the date of the build.