

ReleaseNote49

24 June 2014, Apache Lucene™ 4.9.0 available

The Lucene PMC is pleased to announce the release of Apache Lucene 4.9.0

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.

This release contains numerous bug fixes, optimizations, and improvements, some of which are highlighted below. The release is available for immediate download at:

<http://lucene.apache.org/core/mirrors-core-latest-redir.html>

See the CHANGES.txt file included with the release for a full list of details.

Lucene 4.9.0 Release Highlights:

- * New Terms.getMin/Max methods to retrieve the lowest and highest terms per field.
- * New IDVersionPostingsFormat, optimized for ID lookups that associate a monotonically increasing version per ID.
- * Atomic update of a set of doc values fields.
- * Numerous optimizations for doc values search-time performance.
- * New (default) Lucene49NormsFormat to better compress certain cases such as very short fields.
- * New SORTED_NUMERIC docvalues type for efficient processing of multi-valued numeric fields.
- * Indexer passes previous token stream for easier reuse.
- * MoreLikeThis accepts multiple values per field.
- * All classes that estimate their RAM usage now implement a new Accountable interface.
- * Lucene files are now written by (File)OutputStream on all platforms, completely disallowing seeking with simplified IO APIs.
- * Improve the confusing error message when MMapDirectory cannot create a new map.

Please read CHANGES.txt for a full list of new features.

Please report any feedback to the mailing lists
(<http://lucene.apache.org/core/discussion.html>)

Note: The Apache Software Foundation uses an extensive mirroring network for distributing releases. It is possible that the mirror you are using may not have replicated the release yet. If that is the case, please try another mirror. This also goes for Maven access.