

ReleaseNote36

MMM???? 2012, Apache Lucene, 3.6.0 available
The Lucene PMC is pleased to announce the release of Apache Lucene 3.6.0.

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 note below).

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

Lucene 3.6.0 Release Highlights:

- * In addition to Java 5 and Java 6, this release has now full Java 7 support (minimum JDK 7u1 required).
- * TypeTokenFilter filters tokens based on their TypeAttribute.
- * Fixed offset bugs in a number of CharFilters, Tokenizers and TokenFilters that could lead to exceptions during highlighting.
- * Added phonetic encoders: Metaphone, Soundex, Caverphone, Beider-Morse, etc.
- * CJKBigramFilter and CJKWidthFilter replace CJKTokenizer.
- * Kuromoji morphological analyzer tokenizes Japanese text, producing both compound words and their segmentation.
- * Static index pruning (Carmel pruning) removes postings with low within-document term frequency.
- * QueryParser now interprets '*' as an open end for range queries.
- * FieldValueFilter excludes documents missing the specified field.
- * CheckIndex and IndexUpgrader allow you to specify the specific FSDirectory implementation to use with the new -dir-impl command-line option.
- * FSTs can now do reverse lookup (by output) in certain cases and can be packed to reduce their size. There is now a method to retrieve top N shortest paths from a start node in an FST.
- * New WFSTCompletionLookup suggester supports finer-grained ranking for suggestions.
- * FST based suggesters now use an offline (disk-based) sort, instead of in-memory sort, when pre-sorting the suggestions.
- * ToChildBlockJoinQuery joins in the opposite direction (parent down to child documents).
- * New query-time joining is more flexible (but less performant) than index-time joins.
- * Added HTMLStripCharFilter to strip HTML markup.
- * Security fix: Better prevention of virtual machine SIGSEGVs when using MMapDirectory: Code using cloned IndexInputs of already closed indexes could possibly crash VM, allowing DoS attacks to your application.

* Many bug fixes...

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.