

ReleaseNote62

22 August 2016, Apache Lucene™ 6.2.0 available
The Lucene PMC is pleased to announce the release of Apache Lucene 6.2.0.

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>

Please read CHANGES.txt for a full list of new features and changes:
https://lucene.apache.org/core/6_2_0/changes/Changes.html

Lucene 6.2.0 Release Highlights:

New features

- * The CREATE_NEW flag is passed when creating a file to ensure Lucene is really write-once
- * Index numeric ranges (min and max value in a single field) and search by overlapping range
- * IndexWriter methods return a sequence number indicating effective order of operations across threads
- * UkrainianMorfologikAnalyzer is a new dictionary based analyzer for the Ukrainian language
- * The Polygon class can now be created from a GeoJSON string
- * Compound file creation now verifies checksum of its component files
- * Index time sorting is now a core feature, and supports dimensional points
- * StandardAnalyzer is moved to core and is the default analyzer
- * MatchNoDocsQuery now includes the reason it was created
- * QueryParser can now be told to not pre-split on whitespace
- * MMapDirectory tries harder to prevent SIGSEGV if buggy code tries to execute searches after the index was closed, but it's still best effort
- * MMapDirectory no longer allocates weak references to ease garbage collection

Optimizations

- * Conjunction (MUST, FILTER) queries are faster
- * Dimensional points have much faster (~40%) flush time and use less space in the index

Along with numerous bug fixes.

Further details of changes are available in the change log available at:
http://lucene.apache.org/core/6_2_0/changes/Changes.html

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 applies to Maven access.