

ReleaseNote55

22 February 2016, Apache Lucene™ 5.5.0 available The Lucene PMC is pleased to announce the release of Apache Lucene 5.5.0, the last 5.X feature release before Lucene 6.0.0.

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/5_5_0/changes/Changes.html

Lucene 5.5.0 Release Highlights:

- [JoinUtil.createJoinQuery](#) can now join on numeric doc values fields
- [BlendedInfixSuggester](#) now has an exponential reciprocal scoring model, to more strongly favor suggestions with matches closer to the beginning
- [CustomAnalyzer](#) has improved (compile time) type safety
- [DFISimilarity](#) implements the divergence from independence scoring model
- Fully wrap any other merge policy using [MergePolicyWrapper](#)
- Sandbox geo point queries have graduated into the spatial module, and now use a more efficient binary term encoding for smaller index size, faster indexing, and decreased search-time heap usage
- [BooleanQuery](#) performs some new query optimizations
- [TermsQuery](#) constructors are more GC efficient

Further details of changes are available in the change log available at: http://lucene.apache.org/core/5_5_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.