

# ReleaseNote43

MM 2013, Apache Solr™ 4.3 available

The Lucene PMC is pleased to announce the release of Apache Solr 4.3

Solr is the popular, blazing fast, open source NoSQL search platform from the Apache Lucene project. Its major features include powerful full-text search, hit highlighting, faceted search, dynamic clustering, database integration, rich document (e.g., Word, PDF) handling, and geospatial search. Solr is highly scalable, providing fault tolerant distributed search and indexing, and powers the search and navigation features of many of the world's largest internet sites.

Solr 4.3 is available for immediate download at:

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

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

Solr 4.3 Release Highlights:

- \* Tired of maintaining core information in solr.xml? Now you can configure Solr to automatically find cores by walking an arbitrary directory.
- \* Shard Splitting: You can now split SolrCloud shards to expand your cluster as you grow.
- \* The read side schema REST API has been improved and expanded upon: all schema information is now available and the full live schema can now be returned in json or xml. Ground work is included for the upcoming write side of the schema REST API.
- \* Spatial queries can now search for indexed shapes by "IsWithin", "Contains" and "IsDisjointTo" relationships, in addition to typical "Intersects".
- \* Faceting now supports local parameters for faceting on the same field with different options.
- \* Significant performance improvements for minShouldMatch (mm) queries due to skipping resulting in up to 4000% faster queries.
- \* Various new highlighting configuration parameters.
- \* A new solr.xml format that is closer to that of solrconfig.xml. The example still uses the old format, but 4.4 will ship with the new format.

Solr 4.3 also includes many other new features as well as numerous optimizations and bugfixes.

Please report any feedback to the mailing lists  
(<http://lucene.apache.org/solr/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.