

# ReleaseNote45

October 2013, Apache Solr™ 4.5 available

The Lucene PMC is pleased to announce the release of Apache Solr 4.5

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 4.5 is available for immediate download at:

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

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

Solr 4.5 Release Highlights:

- \* Custom sharding support, including the ability to shard by field.
- \* DocValue improvements: single valued fields no longer require a default value, allowing dynamicFields to contain doc values, as well as sortMissingFirst and sortMissingLast on docValue fields.
- \* Ability to store solr.xml in ZooKeeper.
- \* Multithreaded faceting.
- \* CloudSolrServer can now route updates directly to the appropriate shard leader.

Solr 4.5 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.