

ReleaseNote73

4th April 2018, Apache Solr™ 7.3.0 available

The Lucene PMC is pleased to announce the release of Apache Solr 7.3.0

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 7.3.0 is available for immediate download at: <http://lucene.apache.org/solr/mirrors-solr-latest-redir.html>

See http://lucene.apache.org/solr/7_3_0/changes/Changes.html for a full list of details.

Solr 7.3.0 Release Highlights:

- A new update request processor supports OpenNLP-based entity extraction and language detection
- Support for automatic time-based collection creation
- Multivalued primitive fields can now be used in sorting
- A new SortableTextField allows both indexing and sorting/faceting on free text
- Several new stream evaluators
- Improvements around leader-initiated recovery
- New autoscaling features: triggers can perform operations based on any metric available from the Metrics API, based on a defined schedule, or in response to a query rate over a 1-minute average. A new screen in the Admin UI will show suggested autoscaling actions.
- Metrics can now be exported to Prometheus
- {!parent} and {!child} support filtering with exclusions via new local parameters
- Introducing {!filters} query parser for referencing filter queries and excluding them
- Support for running Solr with Java 10
- A new contrib/ltr [NeuralNetworkModel](#) class

You are encouraged to thoroughly read the "Upgrade Notes" at http://lucene.apache.org/solr/7_3_0/changes/Changes.html or in the CHANGES.txt file accompanying the release.

Solr 7.3 also includes many other new features as well as numerous optimizations and bugfixes of the corresponding Apache Lucene release.

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.