

# ReleaseNote82

## 26 July 2019, Apache Solr™ 8.2.0 available

The Lucene PMC is pleased to announce the release of Apache Solr 8.2.0

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 8.2.0 is available for immediate download at: <https://lucene.apache.org/solr/downloads.html>

See [https://lucene.apache.org/solr/8\\_2\\_0/changes/Changes.html](https://lucene.apache.org/solr/8_2_0/changes/Changes.html) for a full list of details.

### Solr 8.2.0 Release Highlights:

#### New features

- Add an update param failOnVersionConflicts=false to updates not fail when there is a version conflict
- Add facet2D Streaming Expression.
- Preferred replicas on nodes with same system properties as the query master
- OpenTracing support for Solr
- Raw index data analysis tool (extension of COLSTATUS collection command).
- Add recNum Stream Evaluator.
- Allow zplot to visualize 2D clusters and convex hulls.
- Add a field type for Estonian language to default managed\_schema, document about Estonian language analysis in Solr Ref Guide

#### Bug Fixes

- Intermittent 401's for internode requests with basicauth enabled.
- In 8.1, Atomic Updates were broken (NPE) when the schema declared the new \_nest\_path\_ field even if you weren't using nested docs. In-place updates were not affected (worked)
- Fix atomic update encoding issue for UUID, enum, bool, and binary fields.
- Impossible to delete a collection with the same name as an existing alias. This fixes also a bug in REINDEXCOLLECTION when used with removeSource=true which could lead to a data loss.

You are encouraged to thoroughly read the "Upgrade Notes" at [https://lucene.apache.org/solr/8\\_2\\_0/changes/Changes.html](https://lucene.apache.org/solr/8_2_0/changes/Changes.html) or in the CHANGES.txt file accompanying the release.

Solr 8.2 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 (<https://lucene.apache.org/solr/community.html#mailing-lists-irc>)

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.