Apache Solr Training

COURSE CONTENT

About Multisoft

Train yourself with the best and develop valuable in-demand skills with Multisoft Systems. A leading certification training provider, Multisoft collaborates with top technologies to bring world-class one-on-one and certification trainings. With the goal to empower professionals and business across the globe, we offer more than 1500 training courses, which are delivered by Multisoft's global subject matter experts. We offer tailored corporate training; project Based Training, comprehensive learning solution with lifetime e-learning access, after training support and globally recognized training certificates.

About Course

Apache Solr is a powerful, open-source search platform designed for scalability and efficiency, widely used in enterprise search solutions. Multisoft Systems offers an in-depth Apache Solr training course that equips participants with the skills necessary to harness the full potential of Solr's capabilities.

Module 1: Introduction to Apache Lucene

- ✓ What is Search
- ✓ Lucene Architecture
- ✓ Lucene use cases
- ✓ Lucene Components
- ✓ Lucene Schema
- ✓ Why Lucene should be used and where?
- ✓ Lucene Indexer
- ✓ Lucene Analyzer
- ✓ Lucene Searcher
- ✓ Different Lucene Queries

Module 2: Exploring Apache Lucene

- ✓ Analyzers
- ✓ Querying
- ✓ Scoring
- ✓ Boosting
- ✓ Highlighting
- ✓ Faceting
- ✓ Grouping
- ✓ Joins
- ✓ Spatial Search
- ✓ Apache Tika

Module 3: Introduction to Apache Solr

- ✓ Introduced to Solr
- ✓ Key Features
- ✓ Solr Vs Relational Databases
- ✓ Install & Run Solr

- Admin UI Quick Tour
- Insights on Solr Architecture
- Learn about Solr Schema
- Solr Field Types & Fields

Module 4: Solr Indexing

- Solr Indexing
- Analysis & Analyzers
- Tokenizers & Filters
- Indexing & Index Handlers
- Indexing Alternatives
- Solr Configurations
- Default Request Handlers

Module 5: Searching Using Solr

- Search Process
- Velocity UI
- Basic Query Parsers
- Wild Card Search
- Fuzzy Search
- Proximity Search
- Range Search
- Sorting & Relevance
- Boosting
- Extended Query Parsers

Module 6: Solr Extended Features

- Faceting
- Highlighting
- Spell Checking

- ✓ Query-Re-ranking
- ✓ Transforming
- ✓ Search Suggesters
- ✓ Pagination
- ✓ Grouping and Clustering
- ✓ Spatial Search
- ✓ Real-time (Get & Update)

Module 7: Solr Admin and Solr Cloud

- ✓ Understand Administration
- ✓ Solrconfig.xml
- ✓ Solr.xml
- ✓ Managing Solr
- ✓ Learn about Solr Cloud: Introduction, Features, Architecture, Exploring Solr Cloud