Apache solar

Introduction

Solr was created in 2004 as an in house project to add search capability for the CNET networks. It was donated to APACHE Software Foundation after CNET Networks decided to make it open source. After a number of versions of the Solr, with every version having enhancements, the latest version today is the Solr 5.0 which is a standalone application. Solr is an open source search platform written in JAVA. It has full text search capabilities that enable matching phrases, hit highlighting, real time indexing so that the user can see the content whenever he wants to see, no SQL features, extensible plugin architecture, dynamic clustering, database integration. Providing distributed search and index replication, Solr is highly scalable and fault tolerant.

Why Apache Solr is so Popular?

Although there are databases and frameworks such as HADOOP, Apache Solr has been on top of these due to its standalone noSQL store. Solr effectively serves as a data access layer for doing key value lookups as well as making the data fully indexed and searchable. Search is always the first requirement in many deployments, which is pushing many organisations to use the search engine like a noSQL store for that robustness and flexibility.