

Video 1.4

Goal of Elasticsearch



In this Video, we are going to take a look at...

- Primary goals of ElasticSearch
- Other ElasticSearch Objectives

Goals of ElasticSearch

- Extremely fast search
- Analytics Engine
- Near Real-Time (NTR)
- Powerful RESTful API

Fast Search Based Technology

- Scalable
- Highly Available
- Distributed

Analytics Engine

- Analyze logs (Web, Windows etc.)
- Geospatial analysis
- Lightweight data shippers
- Logstash

Near Real-Time



Document added



Inverted Index



Available for search

High Powered Search

- Search API
 - http://localhost:9200/index/_search?q=*&pretty
- Domain Specific Language (DSL)

Domain Specific Language (DSL)

```
curl -XPOST 'localhost:9200/bank/_search?pretty' -d '{
  "query": { "match_all": {} },
  "size": 1
}'
```


Other Elasticsearch Objectives

- Power of Lucene with simple REST API & JSON
- Automatic replication & rebalancing
- Language agnostic
- Aligns with Big Data technologies

Next Video

What's New in Version 5.0?