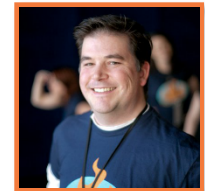


Getting Started With Elasticsearch for .NET Developers

Getting Started

JP Toto
<http://jptoto.jp>
@jptoto



pluralsight 
hardcore dev and IT training

Welcome to the **Course!**

History

Clusters
Shards
&
Indexes

Documents

.NET

Querying

Installation

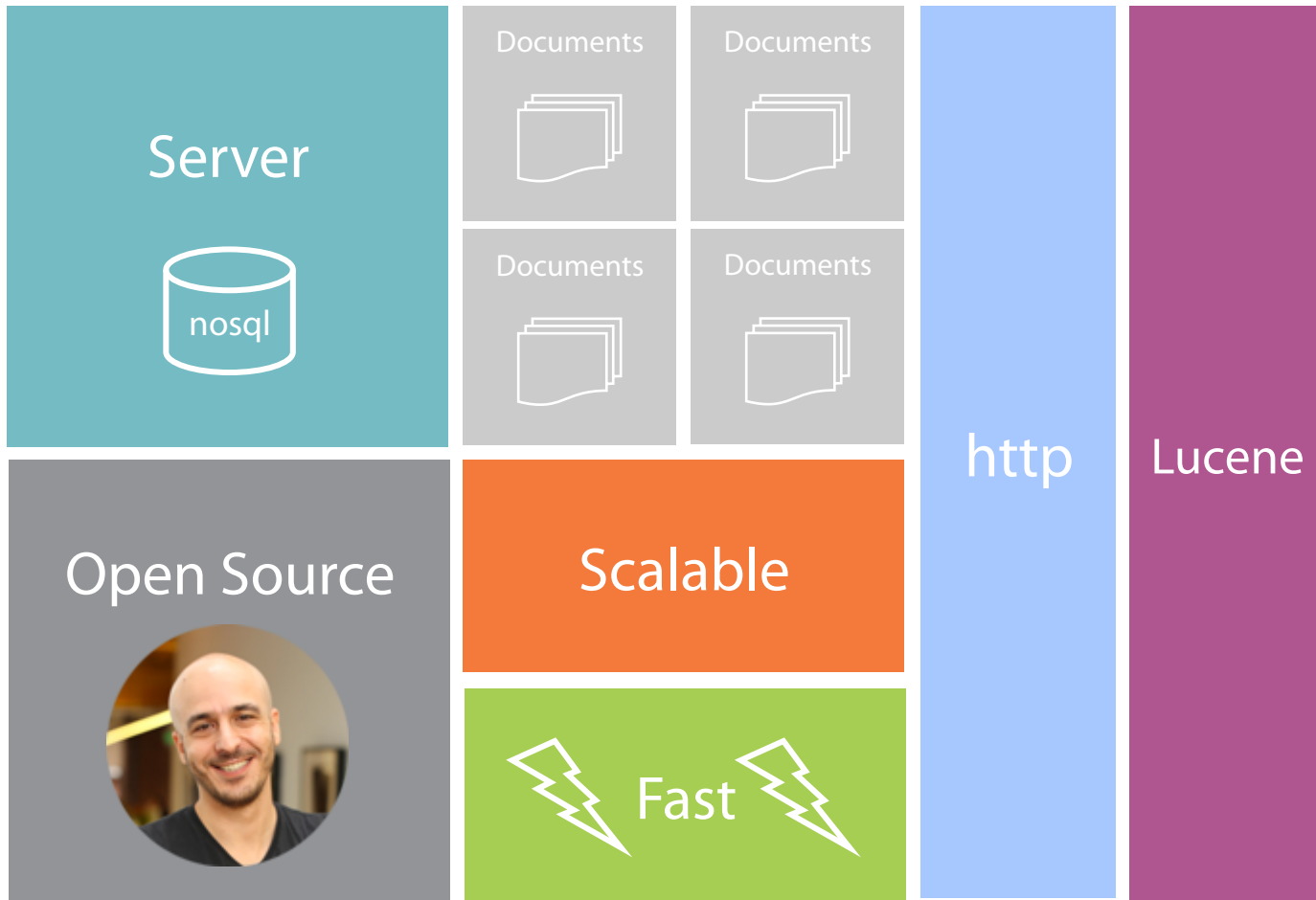
Getting Started

What is
Elasticsearch and
why do I need it?

Installation

Configuration

What is Elasticsearch?



Elasticsearch **Why should I use it?**



Speed: Index millions of documents



Relevancy: `select post from blog where post like '%foo%';`

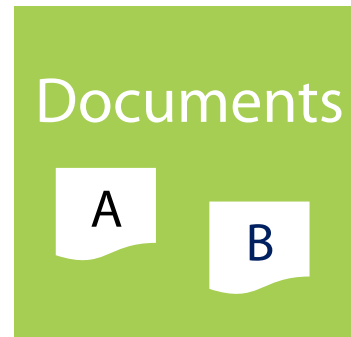


Statistics: Spot trends in your data

Elasticsearch **What should I use it for?**

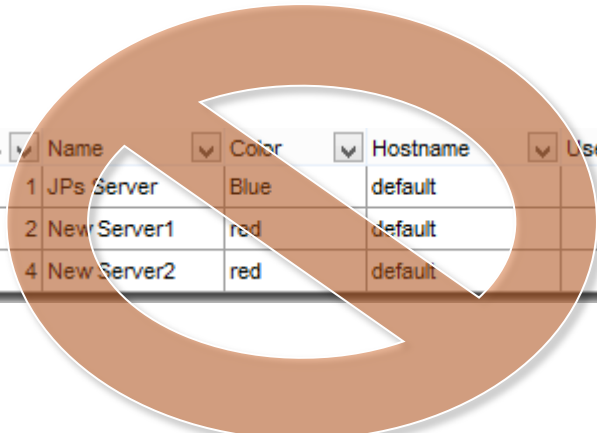


?



Elasticsearch Concepts: Documents

Table



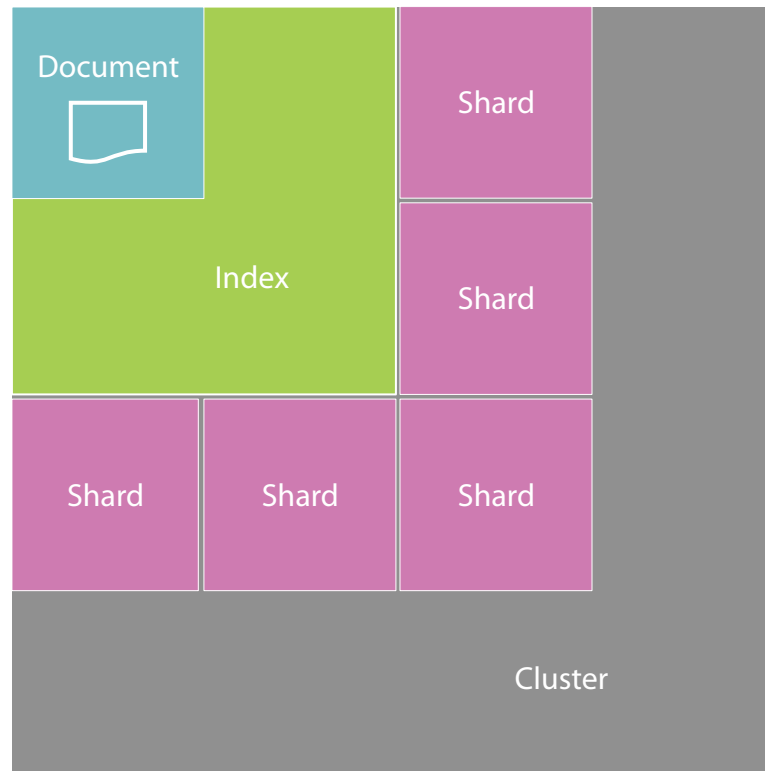
ID	Name	Color	Hostname	UserID
1	JPs Server	Blue	default	1
2	New Server1	red	default	1
4	New Server2	red	default	1

Document

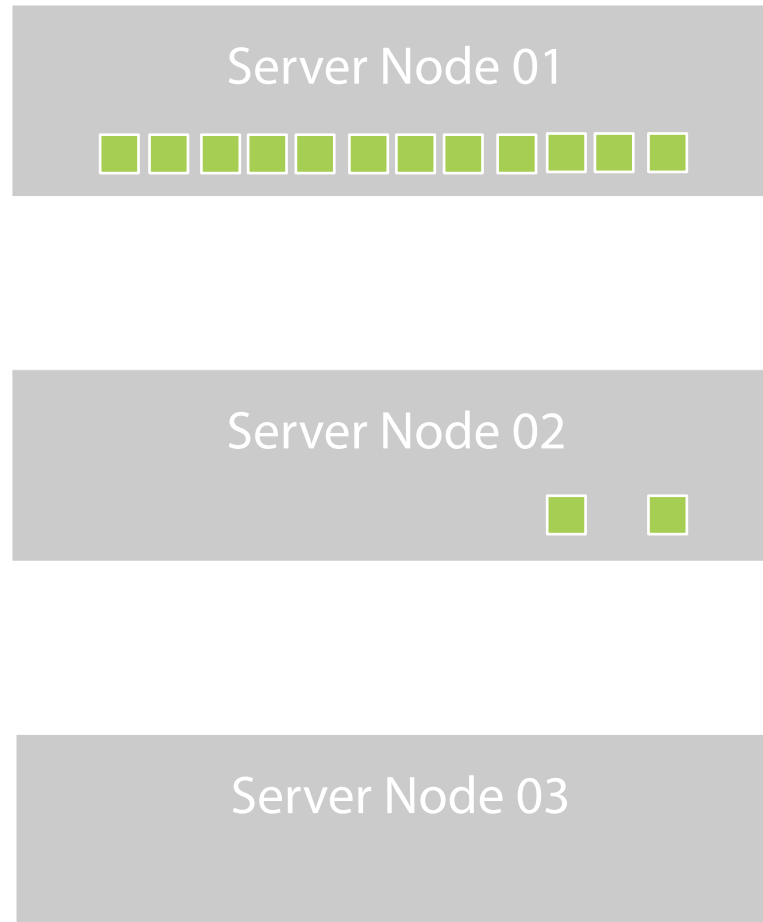
```
{  
  "ID": 1,  
  "Name": "JPs Server",  
  "Color": "Blue",  
  "Hostname": "default"  
}
```

JSON!

Elasticsearch Concepts: Data



Elasticsearch Concepts: Clustering



Elasticsearch **Installation**



Elasticsearch

Configuration

Plugins

Elasticsearch Configuration



elasticsearch.yml

- **cluster.name**
- **node.name**

Elasticsearch **Plugins**



Elastic HQ

<http://www.elastichq.org>

<https://github.com/royrusso/elasticsearch-HQ>

Elasticsearch Summary

What did we **do**?

- Learned what Elasticsearch is and why you should use it.
- Talked about Elasticsearch concepts.
- Installed Elasticsearch.
- <http://www.elasticsearch.org>
- <http://ruilopes.com/elasticsearch-setup/>
- <http://java.sun.com>

What's **next**?

- Learn about Elasticsearch datatypes.
- Create our first index.