Elasticsearch
For Developer

elasticsearch

kibana

logstash

SELECT

FROM TABLE

WHERE TEXT LIKE '%SHIT%'

SELECT

FROM SEARCH_TABLE

WHERE MATCH(TEXT)

AGAINST('SHIT')

High-Availability

Plug-ins

Lucene

Distributed

Scalability

RESTFul

API

JSON

elasticsearch

open-source

realtime, search
and analytics
engine

documentation

document store

JAVA

Use cases

- Full-text search
- Data store
- Analytics
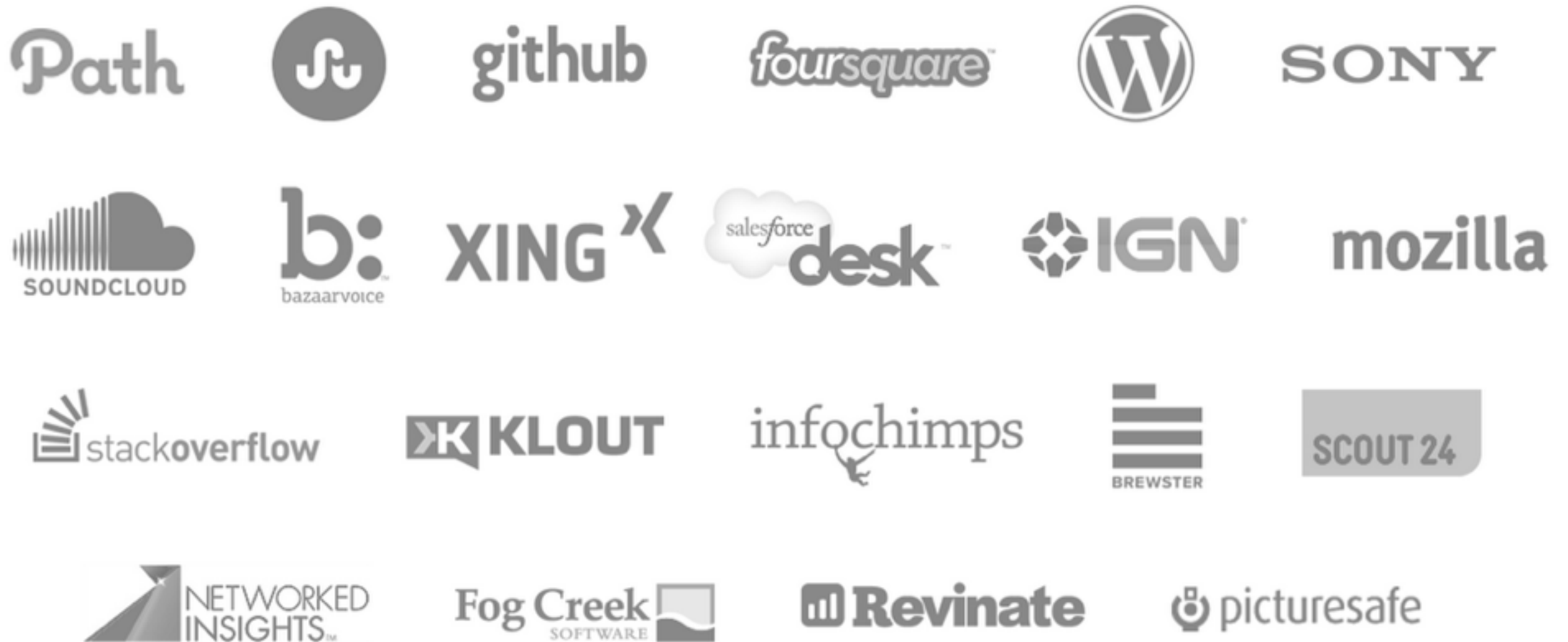- Alert
- Ads

History

Created by **Shay Banon**

First version 0.4 in Feb 2010

    Rewrite from Compass project

    Add scalability

Current version 1.7.3

Who use ?

https://www.elastic.co/use-cases

- Search repositories, users, issues, pull request
- Search sourcecode 130 พันล้านบรรทัด
- Track alerts, events และ logs

- ใช้ Full text seach + geolocation
- ใช้ feature More-like-this ในการหาคำถาม และ คำตอบ

Clients

- Java
- PHP
- Ruby
- Python
- JavaScript
- NodeJS

- Go
- Scala
- .Net
- Clojure
- Erlang
- R

http://www.elasticsearch.org/guide/en/elasticsearch/client/community/current/clients.html

Let's Start !

Course Outline

Day 1

Install + Intro
CRUD
Bulk API
Analyzer
Mapping
Search
Aggregation

Workshop

Day 2

Aggregation
Auto-suggestion
N-gram
Modeling data
Clustering
Tips
Kibana

Workshop

https://github.com/github-sprint3r/elasticsearch_workshop