



# Elasticsearch for Developer

First class

@somkiat

**SELECT**  
**FROM TABLE**  
**WHERE TEXT LIKE '%SHIT%'**

**SELECT**  
**FROM SEARCH\_TABLE**  
**WHERE MATCH(TEXT)**  
**AGAINST('SHIT')**

High-Availability

Lucene

Distributed

Scalability

RESTFul

API

JSON



# elasticsearch

open-source

realtime, search

and analytics

documentation

engine

document store

JAVA

# Use cases

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

# History



Created by **Shay Banon**

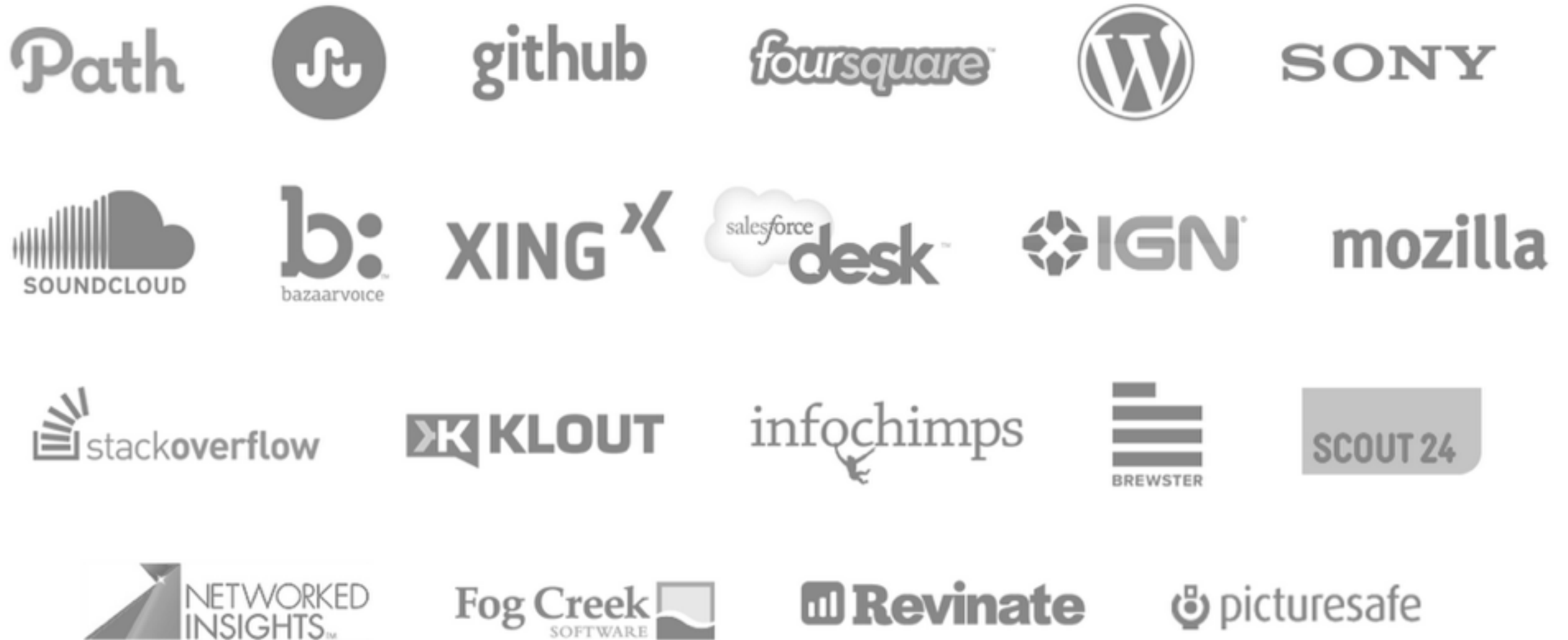
First version 0.4 in Feb 2010

Rewrite from Compass project

Add scalability

Current version 1.4.2

# Who use ?



# 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