



Elasticsearch



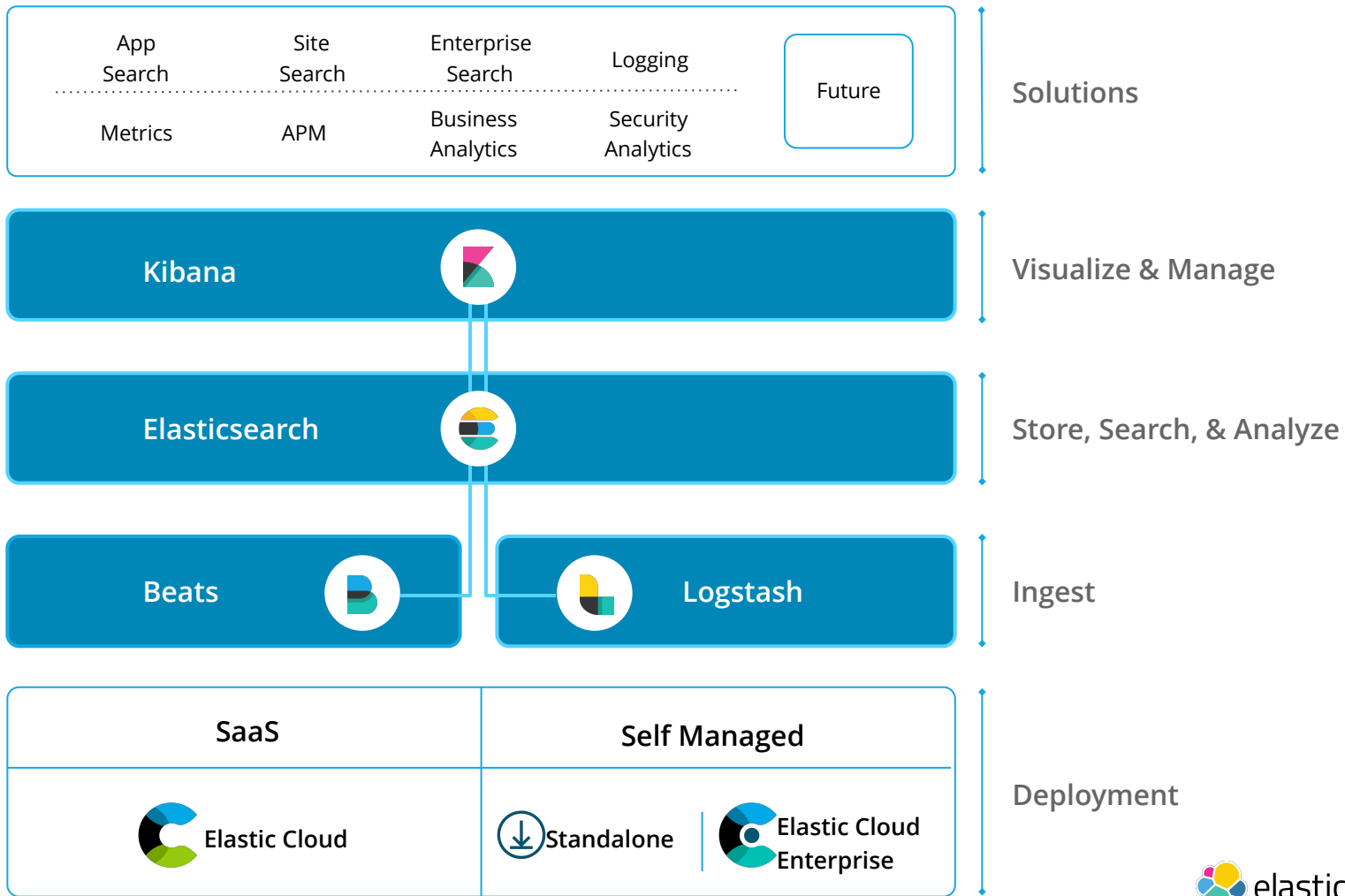
hello
work®



Who?

```
$ curl http://localhost:9200/talk/speaker/dpilato
{
  "nom" : "David Pilato",
  "jobs" : [
    { "boite" : "SRA Europe (SSII)", "mission" : "bon à tout faire", "date" : "1995" },
    { "boite" : "SFR", "mission" : "touche à tout", "date" : "1997" },
    { "boite" : "e-Brands / Vivendi", "mission" : "chef de projets", "date" : "2000" },
    { "boite" : "DGDDI (douane)", "mission" : "mouton à 5 pattes", "date" : "2005" },
    { "boite" : "IDEO Technologies", "mission" : "CTO", "date" : "2012" },
    { "boite" : "elastic", "mission" : "développeur", "date" : "2013" } ],
  "passions" : [ "famille", "job", "deejay" ],
  "blog" : "http://david.pilato.fr/",
  "twitter" : [ "@dadoonet", "@elasticfr" ],
  "email" : "david@pilato.fr"
}
```


Elastic Stack



GRATUIT		GOLD	PLATINUM
OPEN SOURCE	BASIC		
Téléchargement		Demande d'informations	Demande d'informations

SUITE ELASTIC / ELASTIC STACK

Elasticsearch				
✓ Scalabilité & Résilience	✓	✓	✓	✓
✓ Requêtage & Analytics	✓	✓	✓	✓
✓ Enrichissement des données	✓	✓	✓	✓
✓ Gestion & Outils	✓	✓	✓	✓
✓ Security			✓	✓
✓ Alerting			✓	✓
✓ Machine Learning				✓
Kibana				
✓ Exploration et visualisation	✓	✓	✓	✓
✓ Gestion de la Suite Elastic & Outils	✓	✓	✓	✓
✓ Stack Monitoring		✓	✓	✓

<https://www.elastic.co/fr/subscriptions>



Support

Architecture / Index / Shard Design

Cluster Management & Fine Tuning

Query Performance Optimization

Dev to Production Migration & Upgrades

Elastic Stack and X-Pack Best Practices

Experienced Support Engineers

*Included in Elastic Subscription Packages;
More than traditional technical support*



Training

Become an Elastic Stack expert.

Hands on technical and operational courses. Public courses around the world. Private courses on request.



Consulting

Accelerate your team's success.

Work with our consultants at any phase of your implementation – prototype, design, development, migration, and optimization.

Some data

```
CREATE TABLE user
(
  name VARCHAR(100),
  comments VARCHAR(1000)
);
INSERT INTO user VALUES ('David Pilato', 'Developer at elastic');
INSERT INTO user VALUES ('Malloum Laya', 'Worked with David at french customs service');
INSERT INTO user VALUES ('David Gageot', 'Engineer at Google');
INSERT INTO user VALUES ('David David', 'Who is that guy?');
```

Search on term

```
INSERT INTO user VALUES ('David Pilato', 'Developer at elastic');  
INSERT INTO user VALUES ('Malloum Laya', 'Worked with David at  
french customs service');  
INSERT INTO user VALUES ('David Gageot', 'Engineer at Google');  
INSERT INTO user VALUES ('David David', 'Who is that guy?');
```

```
SELECT * FROM user WHERE name="David";  
Empty set (0,00 sec)
```

Search like

```
INSERT INTO user VALUES ('David Pilato', 'Developer at elastic');
INSERT INTO user VALUES ('Malloum Laya', 'Worked with David at french customs service');
INSERT INTO user VALUES ('David Gageot', 'Engineer at Google');
INSERT INTO user VALUES ('David David', 'Who is that guy?');
```

```
SELECT * FROM user WHERE name LIKE "%David%";
```

name	comments
David Pilato	Developer at elastic
David Gageot	Engineer at Google
David David	Who is that guy?

Search like

```
INSERT INTO user VALUES ('David Pilato', 'Developer at elastic');
INSERT INTO user VALUES ('Malloum Laya', 'Worked with David at french customs service');
INSERT INTO user VALUES ('David Gageot', 'Engineer at Google');
INSERT INTO user VALUES ('David David', 'Who is that guy?');
```

```
SELECT * FROM user WHERE name LIKE "%David%Pilato%";
```

name	comments
David Pilato	Developer at elastic

Search like with inverted terms

```
INSERT INTO user VALUES ('David Pilato', 'Developer at elastic');  
INSERT INTO user VALUES ('Malloum Laya', 'Worked with David at  
french customs service');  
INSERT INTO user VALUES ('David Gageot', 'Engineer at Google');  
INSERT INTO user VALUES ('David David', 'Who is that guy?');
```

```
SELECT * FROM user WHERE name LIKE "%Pilato%David%";  
Empty set (0,00 sec)
```

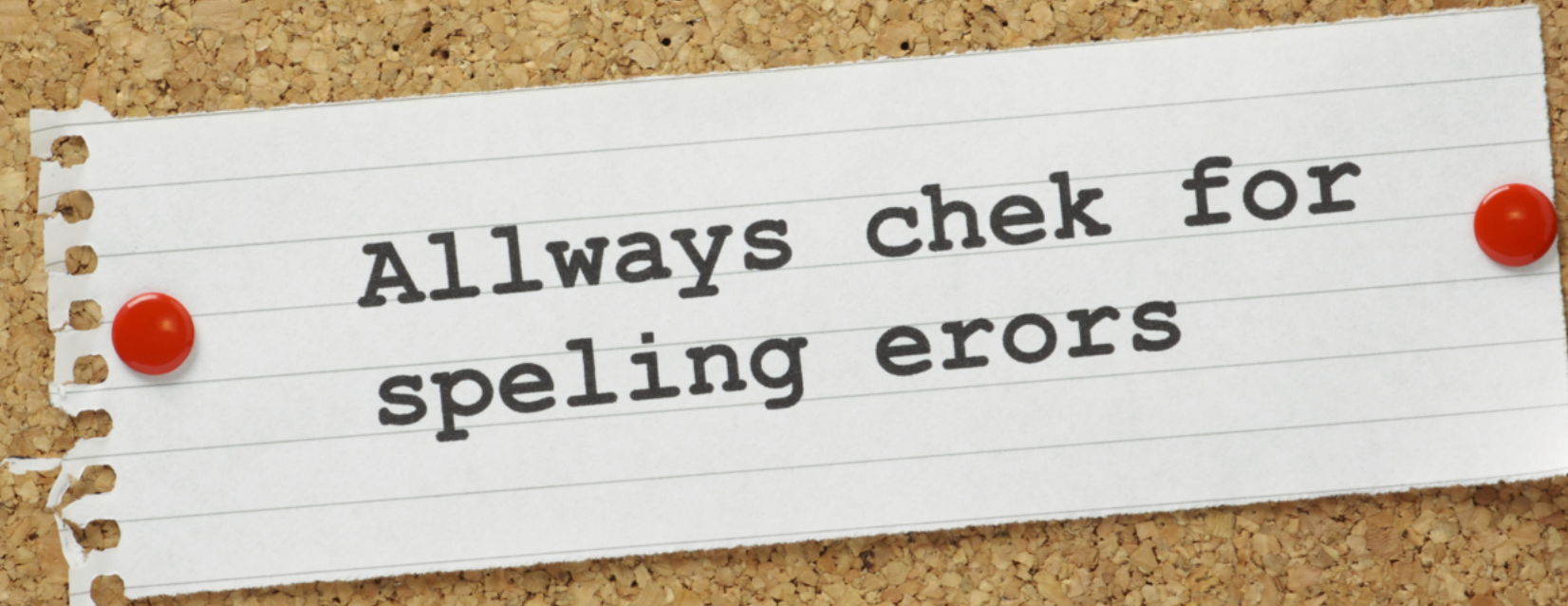
Search in two fields

```
INSERT INTO user VALUES ('David Pilato', 'Developer at elastic');
INSERT INTO user VALUES ('Malloum Laya', 'Worked with David at french customs service');
INSERT INTO user VALUES ('David Gageot', 'Engineer at Google');
INSERT INTO user VALUES ('David David', 'Who is that guy?');
```

```
SELECT * FROM user WHERE name LIKE "%David%" OR
                                comments LIKE "%David%";
```

name	comments
David Pilato	Developer at elastic
Malloum Laya	Worked with David at french customs service
David Gageot	Engineer at Google
David David	Who is that guy?





Allways chek for
speling erors

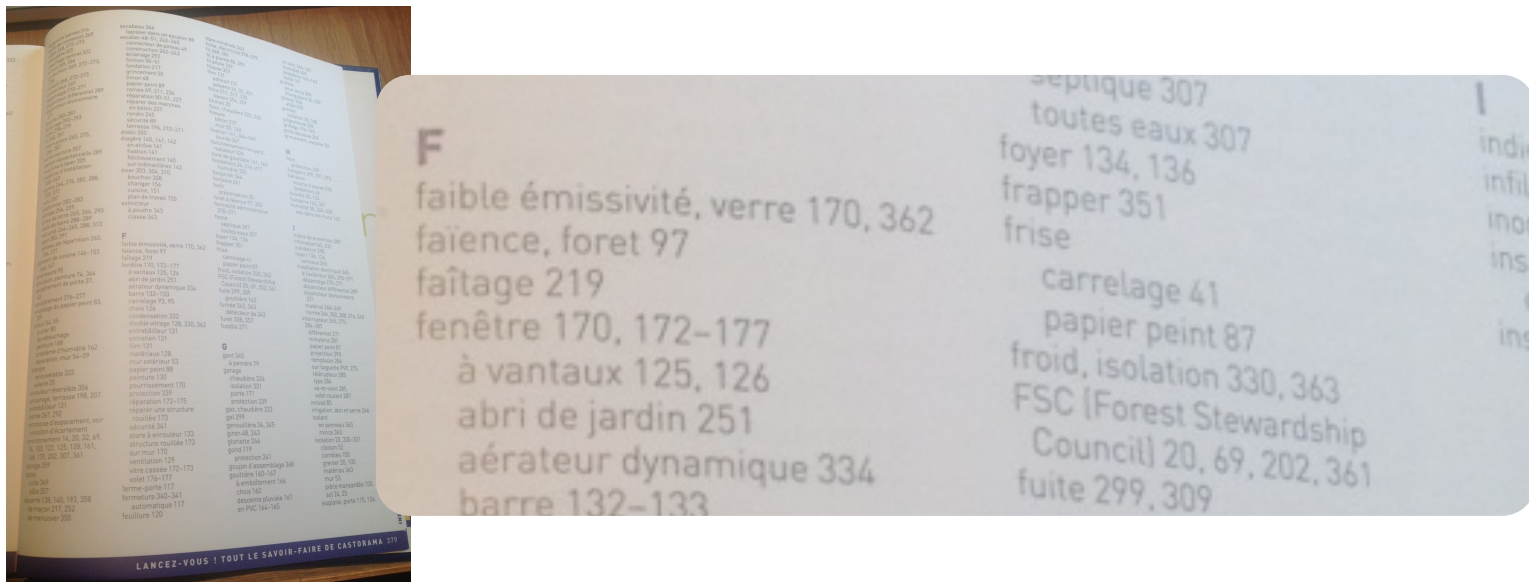


User Interface

Power Search:	
ID Number	
Web Title	
Url	
Category	Select
Web Description	
Keywords	
Contact Name	
Contact Email	
Featured Links 🍌	Select ▾
Cool Links 🍌	Select ▾
Bold Links	Select ▾
Icon	     
Rating Average ★★★★★	Select ▾
Number of Votes	between and
Total Hits	between and
Hits Today	between and
IP Address	
Submission Software Name	

Search engine?

- Moteur d'indexation de documents



- Moteur de recherche dans les index



elasticsearch



kibana



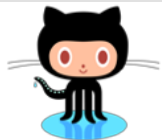
cloud

Demo time!

BECOME A PIONEER



HSBC 



Groupon



vimeo



foursquare



The
New York
Times

tinder.

ebay

Eventbrite



verizon

NETFLIX



PayPal



theguardian



Quora







elasticfr



@elasticfr



elastic

User Group

discuss.elastic.co

