



Elastic Stack Overview

The world's most popular enterprise products for real-time search, logging, analytics, and more




Who?

```
$ curl http://localhost:9200/speaker/_doc/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

SOLUTIONS

Kibana 

Visualize & Manage

Elasticsearch 

Store, Search, & Analyze

Beats 

Logstash 

APM 

Ingest



SaaS



Elastic Cloud

SELF-MANAGED

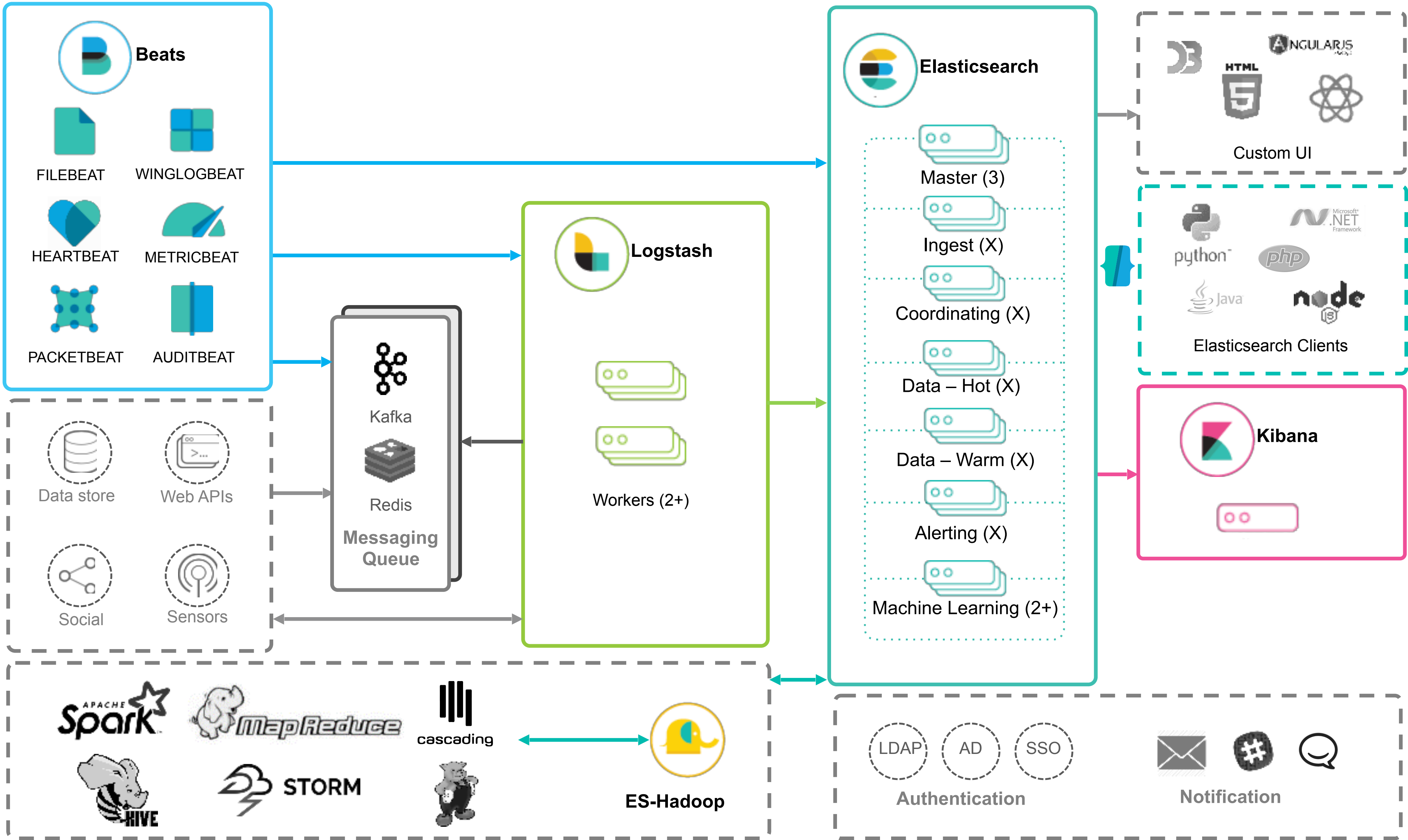


Elastic Cloud Enterprise



Standalone

Deployment in the Enterprise



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

SUITE ELASTIC / ELASTIC STACK

	OPEN SOURCE	BASIC	GOLD	PLATINUM
Elasticsearch				
✓ Scalabilité & Résilience	✓	✓	✓	✓
✓ Requête & Analytiques	✓	✓	✓	✓
✓ 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>



Services at a Glance



Elastic Training

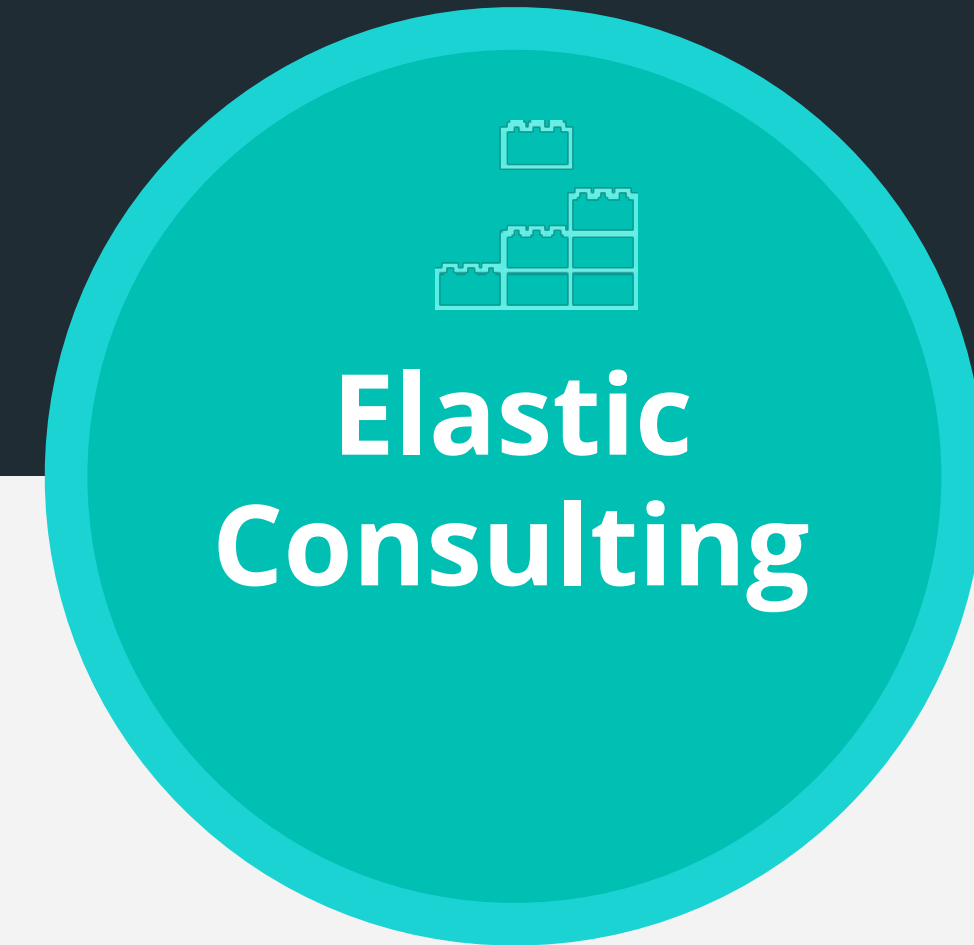
- Immersive learning experience
- Solution-based curriculum
- Flexible ways-to-train

People Strategy



Certification

- Performance-based exam
- Solve real-world tasks, in real-time
- Remote, secure testing



Elastic Consulting

- Expert services focused on your business goals
- Phased-based packages
- Product expertise

Project Strategy

A typical search implementation...

```
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?');
```

David



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?

David



Search for 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 "%David Pilato%";
```

name	comments
David Pilato	Developer at elastic

David Pilato



Search 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)

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

Empty set (0,00 sec)

Pilato David



Search for 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 "%David%" AND
      name LIKE "%Pilato%";
```

name	comments
David Pilato	Developer at elastic

Pilato David



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?

David





Search with typos

```
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 "%Dadid%";  
Empty set (0,00 sec)
```

Dadid



Search with typos

```
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 "%_adid%" OR
                           name LIKE "%D_did%" OR
                           name LIKE "%Da_id%" OR
                           name LIKE "%Dad_d%" OR
                           name LIKE "%Dadi_%";
```

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



User Interface

Power Search:

ID Number

Web Title

Url

Category

Web Description

Keywords

Contact Name

Contact Email

Featured Links 🍷

Cool Links 🍷

Bold Links

Icon

Rating Average ★★★★★

Number of Votes

Total Hits

Hits Today

IP Address

Submission Software Name

Select

Select

Select

Select

⚠️ 😬 💡
 📄 ✍️ 🌐

Select

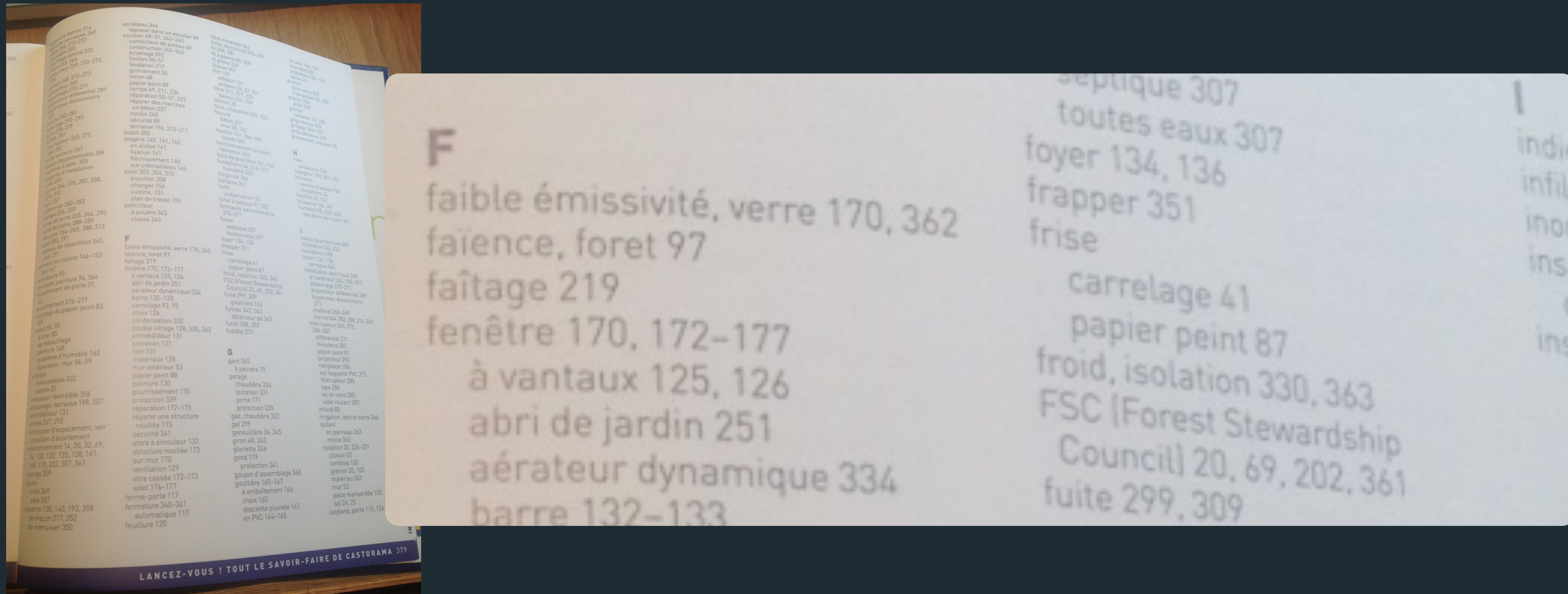
between and

between and

between and

Search engine?

Moteur d'indexation de documents



Moteur de recherche dans les index

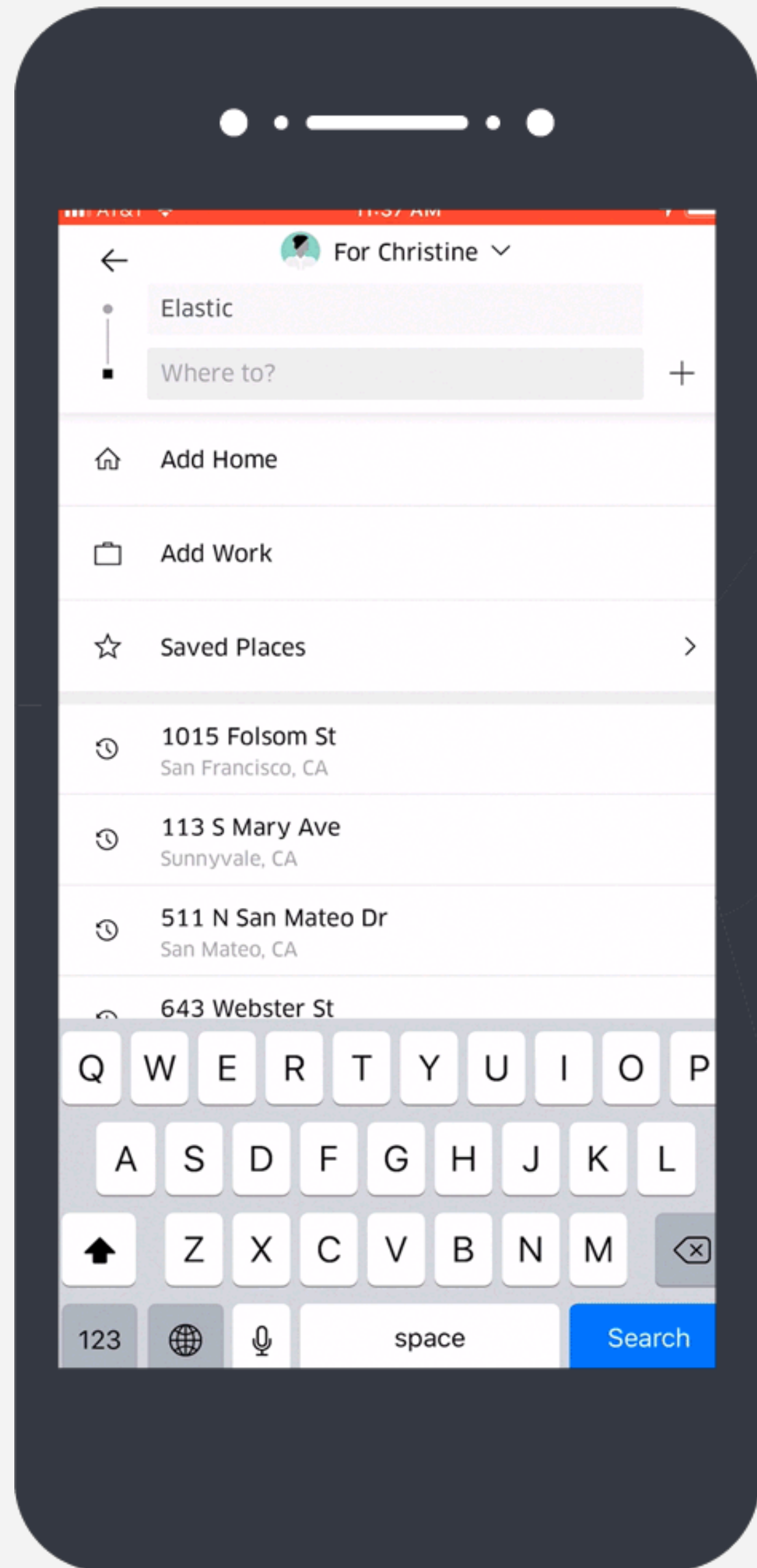
Demo time!



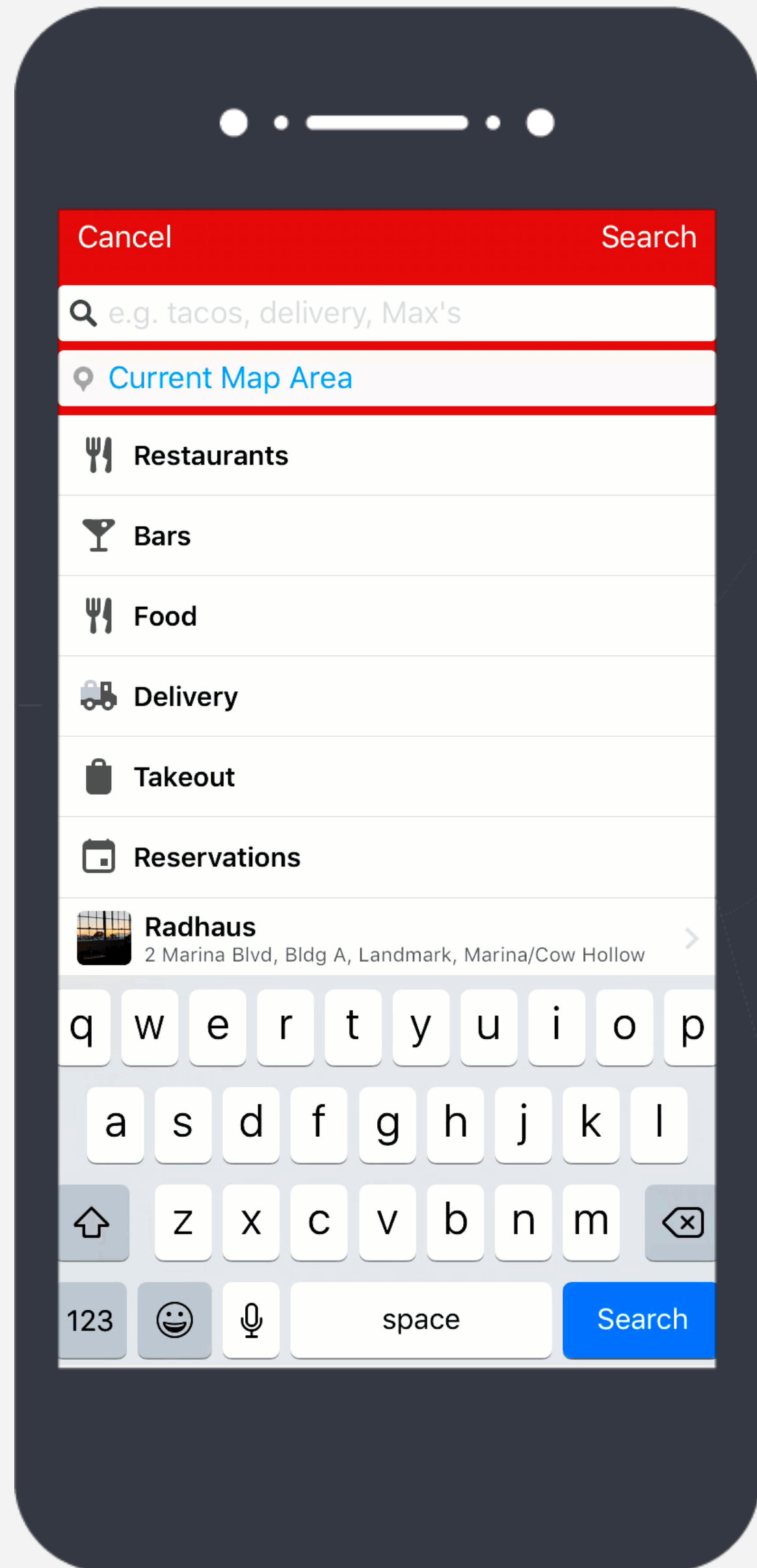
BECOME A PIONEER

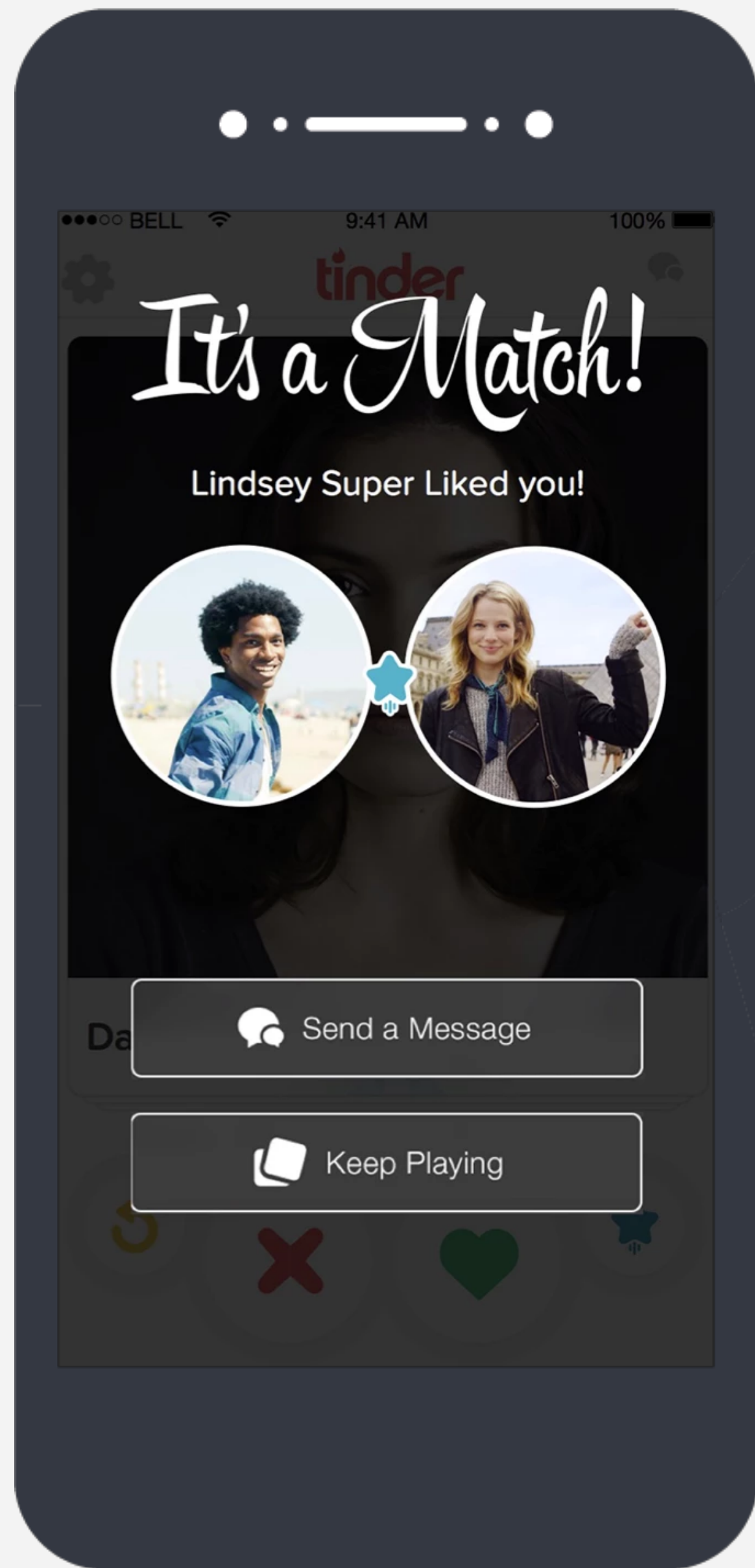


 HSBC		 SOUNDCLOUD	 mozilla FOUNDATION	 Microsoft
GROUPON	facebook	 Expedia	vimeo	 salesforce
 FOURSQUARE		ACTIVISION BLIZZARD	 stack overflow	
	 Symantec		The New York Times	 Unilever
ebay	 Eventbrite	 Alcatel-Lucent	 CONCUR	verizon
NETFLIX		 PayPal	 Adobe	 CISCO
 docker	The Guardian	 THOMSON REUTERS	Quora	tomtom

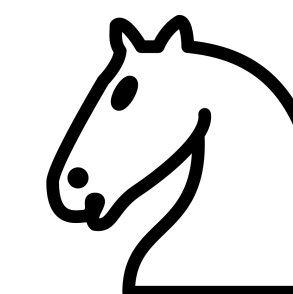


Uber





tinder™





elasticfr



@elasticfr



elastic

User Group

discuss.elastic.co

