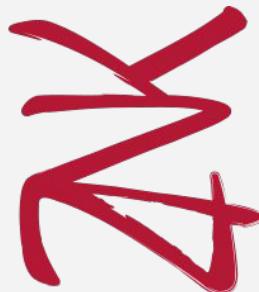


Les bots, du pourquoi au comment ?

Benjamin
Plouzennec



okazari



Antoine
Cailly



acailly

Once upon a time



U B E R





https://www.facebook.com

facebook



**Facebook helps you connect and share with
the people in your life.**







iOS

Android



Windows
Linux



```
<i class="fa fa-happy-clients"></i>
<h3>Happy Clients</h3>
</div>
</div>
<!-- end first count item -->
<!-- second count item -->


565



### Projects completed


</div>
</div>
<!-- end second count item -->
<!-- third count item -->


95
%



### Positive feedback


</div>
</div>
<!-- end third count item -->
<!-- fourth count item -->


2500


</div>


```

```
80 .media {
81   .navbar-inverse .navbar-nav>li>a {
82     padding: 30px 10px;
83   }
84   .navbar-inverse.smaller .navbar-nav>li>a {
85     padding: 20px 10px;
86   }
87   .navbar-inverse .navbar-nav>li {
88     padding-right: 0;
89   }
90   #slitSlider .carousel-caption h2 {
91     font-size: 50px;
92   }
93 }
94 #nav-dots {
95   display: block;
96 }
97 #nav-arrows {
98   display: none;
99 }
100 .icon-box {
101   margin: 0 auto;
102   width: 60%;
103 }
104 .about-content {
105   margin: 0 auto 40px;
106   padding: 0;
107   width: 60%;
108 }
109 .why-item {
110   margin: 0 auto 35px;
111   text-align: center;
112   width: 50%;
113 }
```

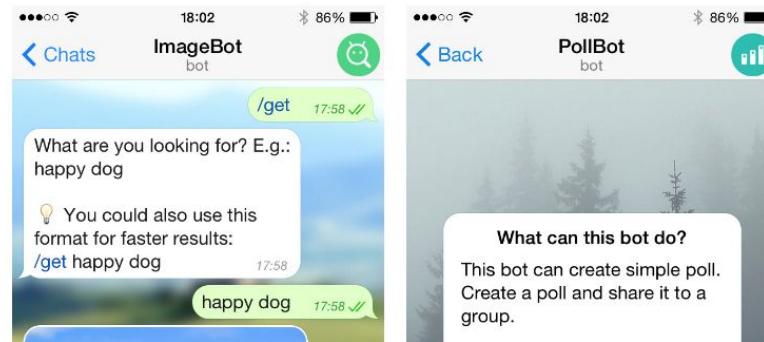
THE END ?



Telegram Bot Platform

Telegram is about freedom and openness – our code is open for everyone, as is our API. Today we're making another step towards openness by launching a [Bot API](#) and [platform](#) for third-party developers to [create bots](#).

Bots are simply Telegram accounts operated by software – not people – and they'll often have AI features. They can do anything – teach, play, search, broadcast, remind, connect, integrate with other services, or even pass commands to the Internet of Things.



Recent News

Jun 24
[Telegram Bot Platform](#)

May 19
[Custom Sticker Sets](#)

May 13
[Telegram Hits 2 Billion Messages Sent Daily](#)

Apr 30
[Places, Captions and more](#)

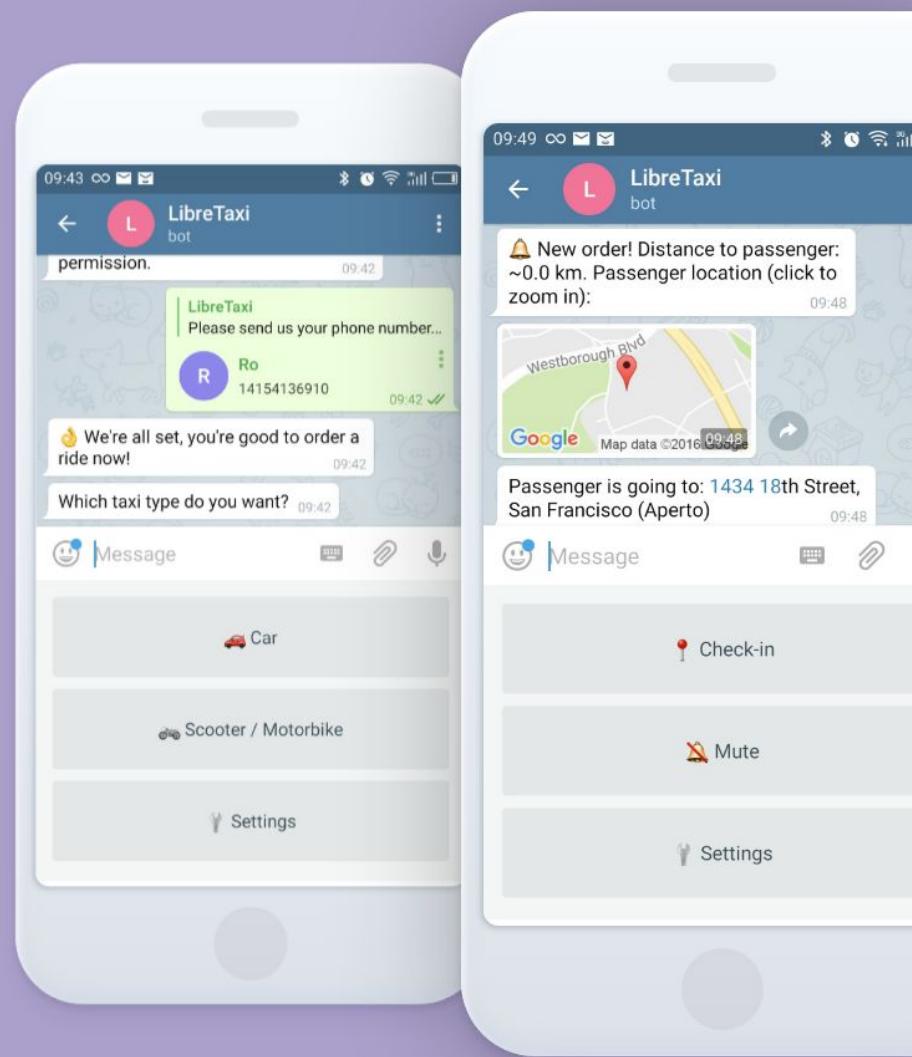
Apr 30
[Migrating Existing Group Chats to Telegram](#)

Apr 8
[Link Previews](#)

Apr 8
[Active Sessions and](#)

Free and open source alternative to Uber/Lyft connecting passengers and drivers.

LibreTaxi makes ridesharing affordable by getting rid of the third party between passengers and drivers. Negotiate the price before the ride is confirmed, pay cash upon arrival. 1-minute hiring for all drivers.

[INSTALL](#)[SOURCE](#)

POURQUOI ?

Multiplateforme



Multiplateforme



Déploiement



Pas d'application à télécharger



Pas de mise à jour



Messenger



Rechercher dans Messenger



TechCrunch
Good to see you!

22:55



Boost
Vous : hi

22:55



Intuiti
Vous : hi

22:55



Hi Poncho
Hello Antoine!

22:55



Swelly
Swelly : What would you like to do?

22:55



MeditateBot
Quick tip: Scheduling a daily remind...

22:55



Beauty Bot by Sephora
Beauty Bot by Sephora : ⏺ Menu Pri...

22:54



Trainbot

22:28

NetExplorateur friendly



Pas d'application à télécharger



Pas de mise à jour

old device friendly

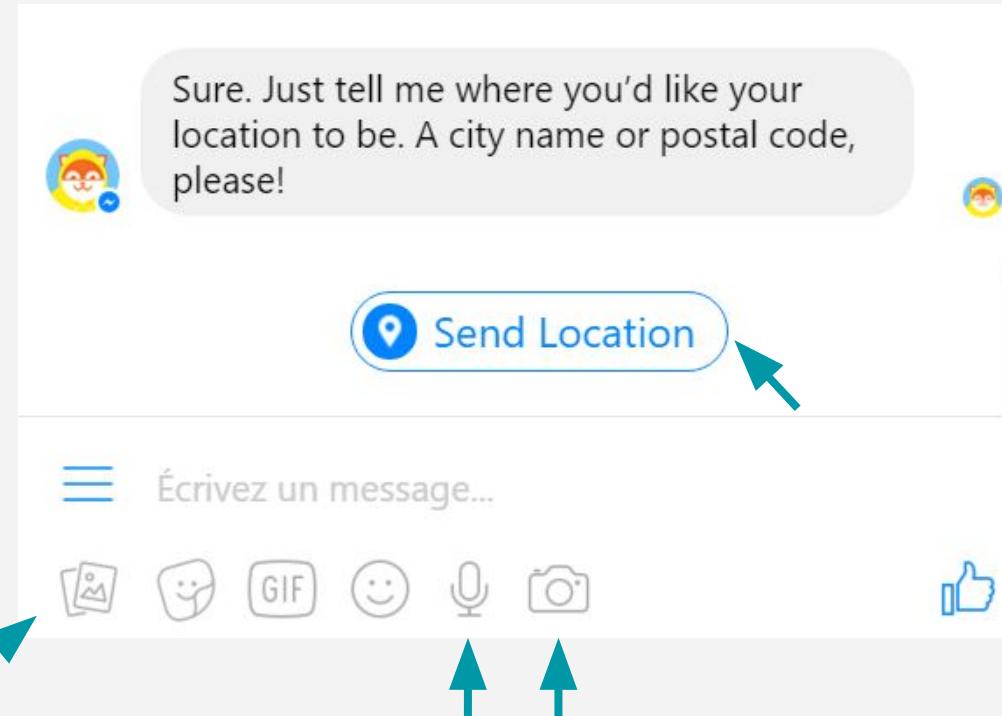


Faible consommation CPU



Peu de stockage

Quelques fonctions natives



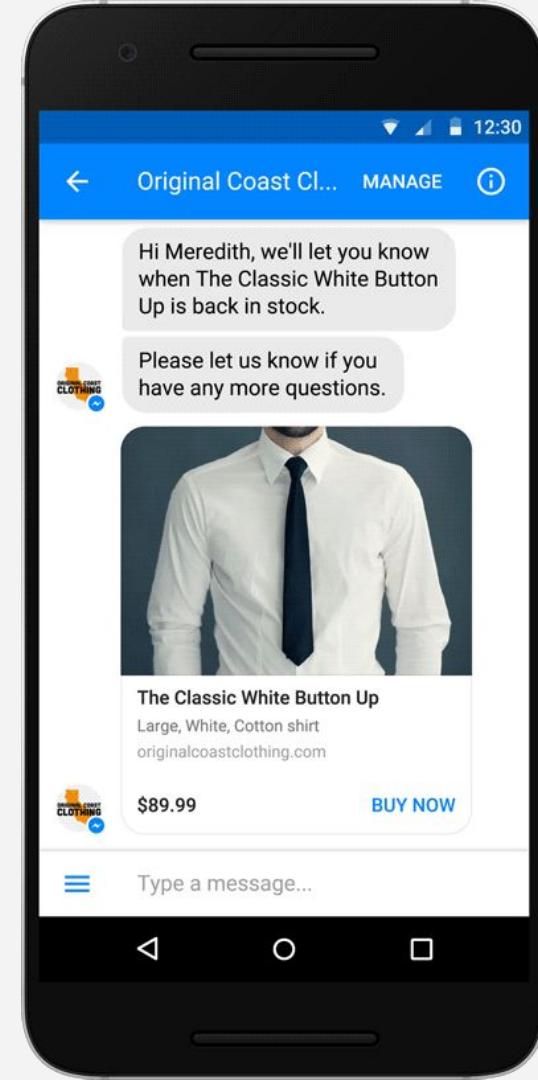
Paiement



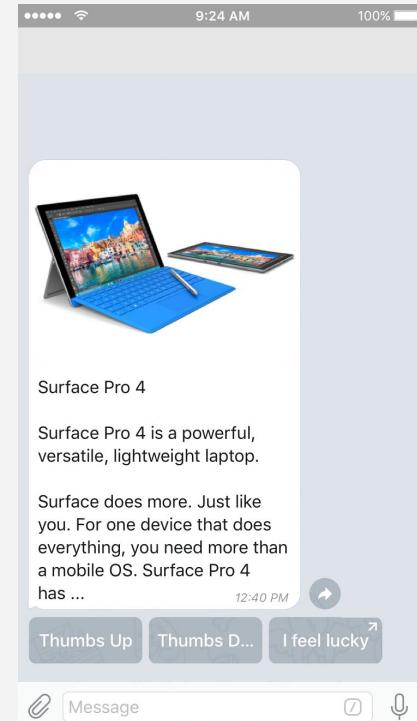
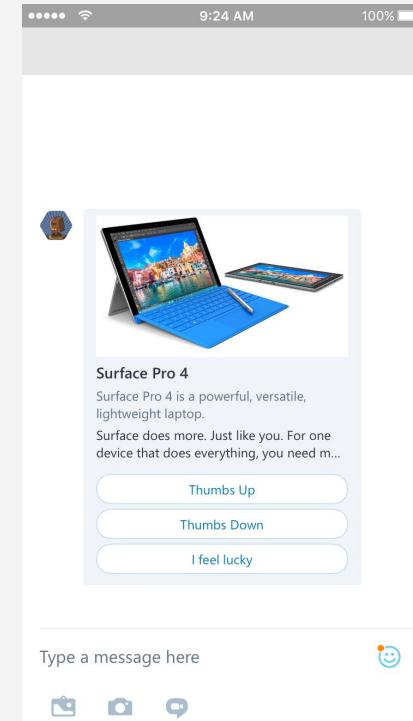
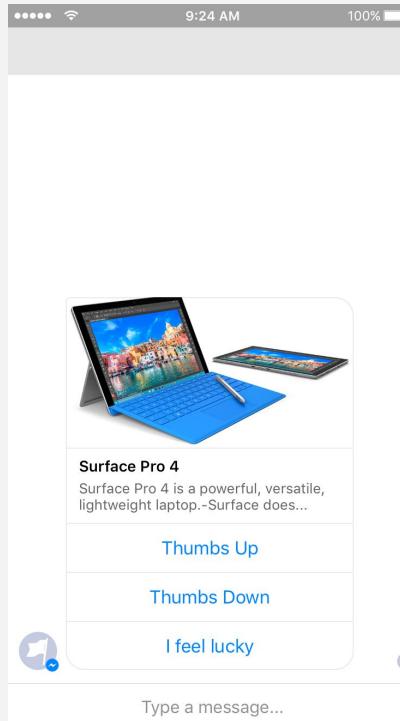
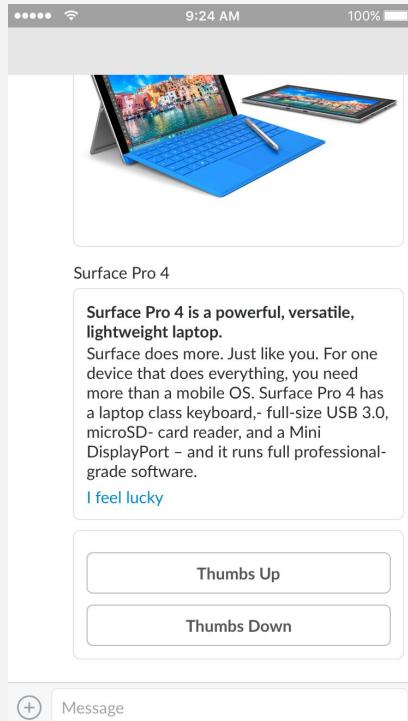
Parfois oui (ex: Messenger)



Parfois non (ex: Telegram)



Codes UI standardisés



Testabilité



Moins d'UI à tester



BDD

```
When I send “Hello bot”
Then I receive “Hello human”
```

Sécurité



Surface d'attaque réduite



(parfois) Chiffrement des données

Accessibilité



Parfois oui (ex: Messenger)



Parfois non (ex: Telegram)

Accessibilité

“please translate these roman numerals mcmxcviii thank you”

Ben John’s Grandma to Google



Accessibilité



Dearest Ben's Nan.
Hope you're well.
In a world of billions of Searches, yours made us smile.
Oh, and it's 1998.

Thank YOU@Push10Ben

12:03 PM - 15 Jun 2016

↳ 8,301 ❤ 15,053

Follow



Dear Grandma,

No thanks necessary. 😊

Sincerely,
Googlegoo.gl/Zklkmm

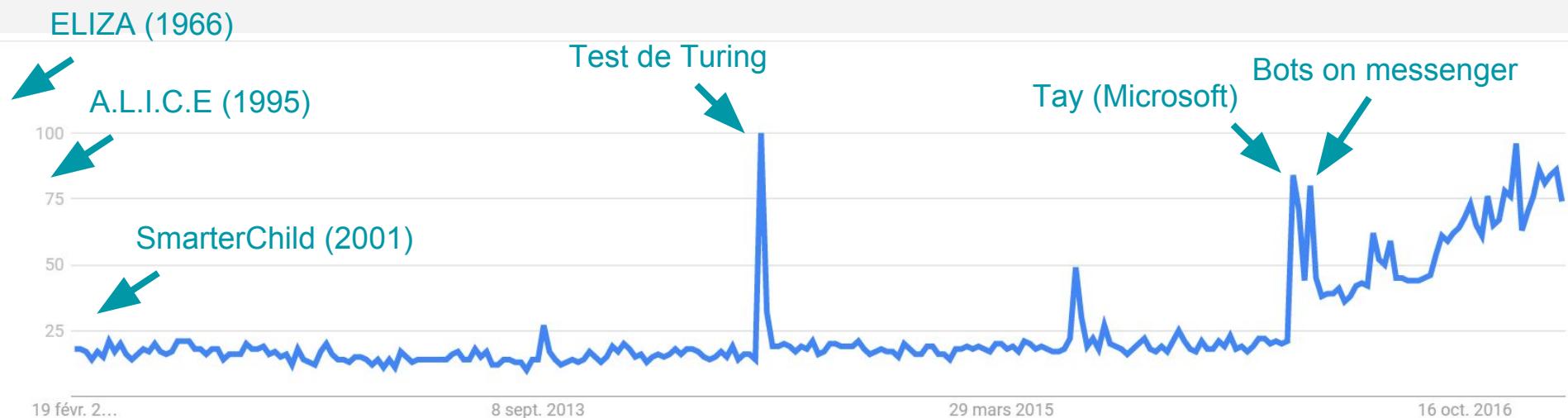
6:49 PM - 15 Jun 2016

↳ 2,956 ❤ 4,817

Follow

POURQUOI
MAINTENANT ?

Un nouveau concept ?



Source : Google Trends "Chatbot"

UI plus riche

Hi Antoine. Let's get started.



Type a topic or pick an option below to get going:

[Editor's Picks](#)

[Topics](#)

[Help](#)

Harrison Ford's plane lands on taxiway of California airport,
Russia deploys missile in apparent treaty violation and other
top stories



Trump aides were in constant touch with senior Russian officials during campaign

High-level advisers close to then-presidential nominee Donald Trump were in contact with senior Russian officials throughout the campaign, according to a new report.

[Read story](#)

[Get a summary](#)

[Ask CNN](#)



Harrison Ford's plane lands on taxiway of California airport

Harrison Ford was aboard a small private plane when it landed on a taxiway at a California airport, according to authorities.

...





Hi Poncho

13 K personnes aiment ça

Produit/service

17:12

Démarrer



Oh hello again Antoine. I hope you've been well.
What would you like to hear?



Current Weather

5-Day Forecast

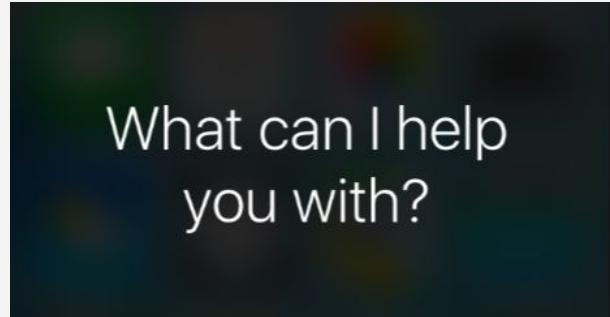
Horoscope

A Joke

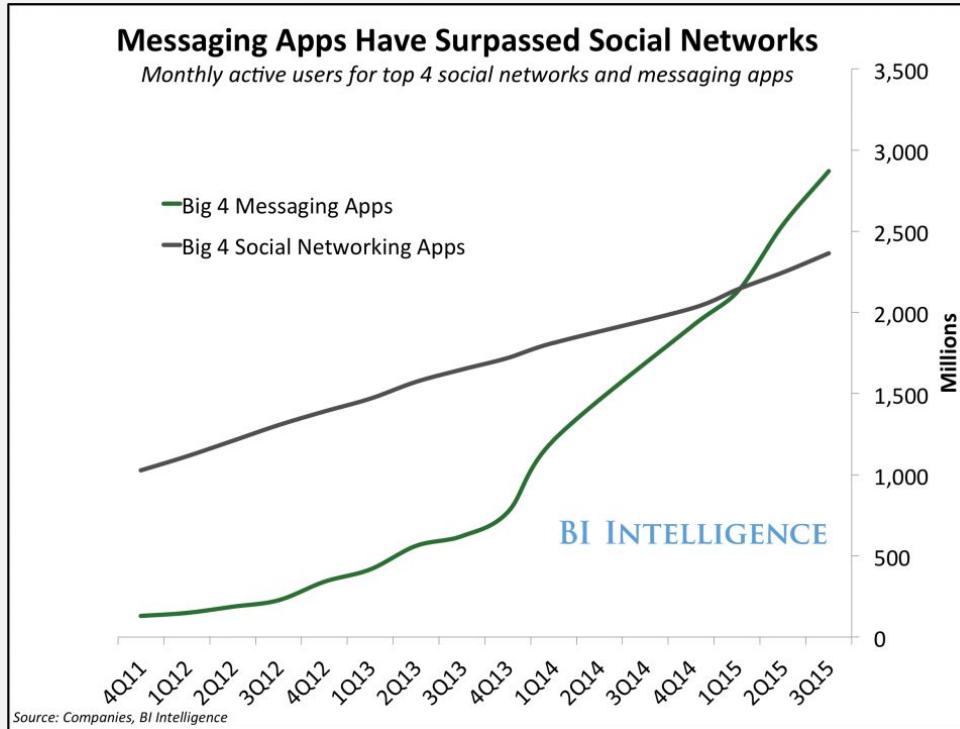


Écrivez un message...

Natural Language Processing (NLP)



Messaging > Social ?



Messaging > App ?

TOP APPS BY USAGE



TOP APPS BY NUMBER OF SESSIONS



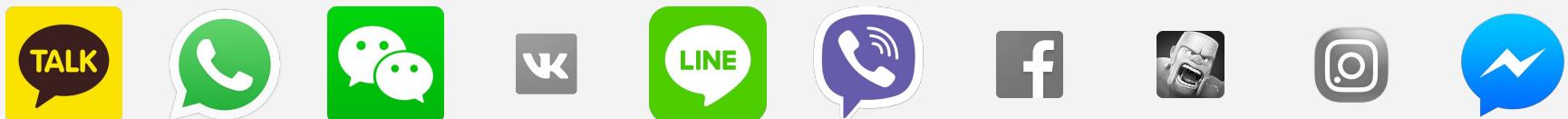
Source : KPCB - 2016 Internet Trends

Messaging > App ?

TOP APPS BY USAGE



TOP APPS BY NUMBER OF SESSIONS



Source : KPCB - 2016 Internet Trends

APIs



Telegram (juin 2015)



Messenger (avril 2016)



Slack (décembre 2015)



Kik (avril 2016)



Skype (mars 2016)



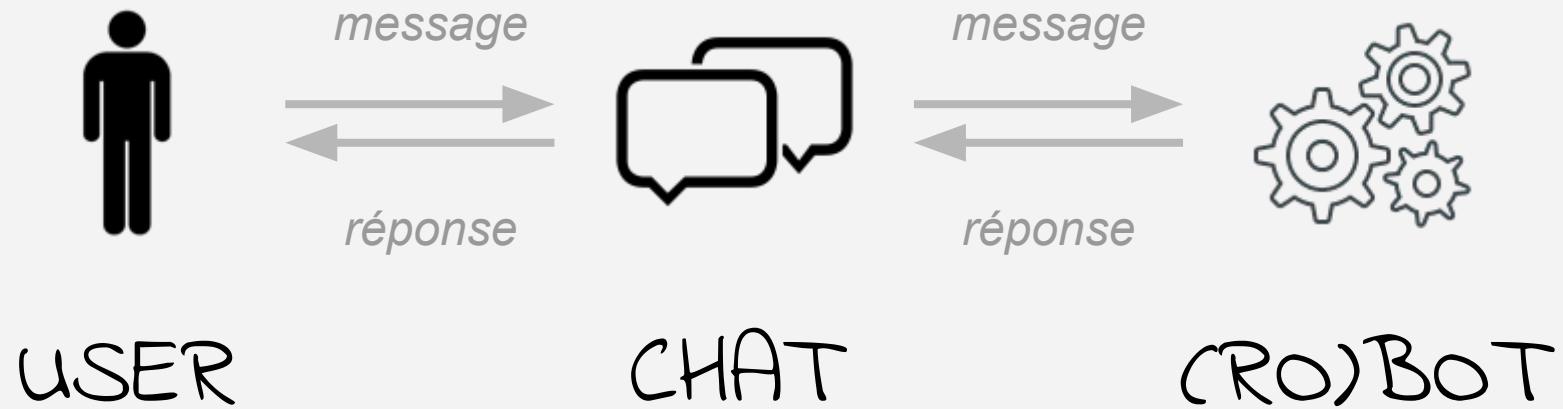
WhatsApp

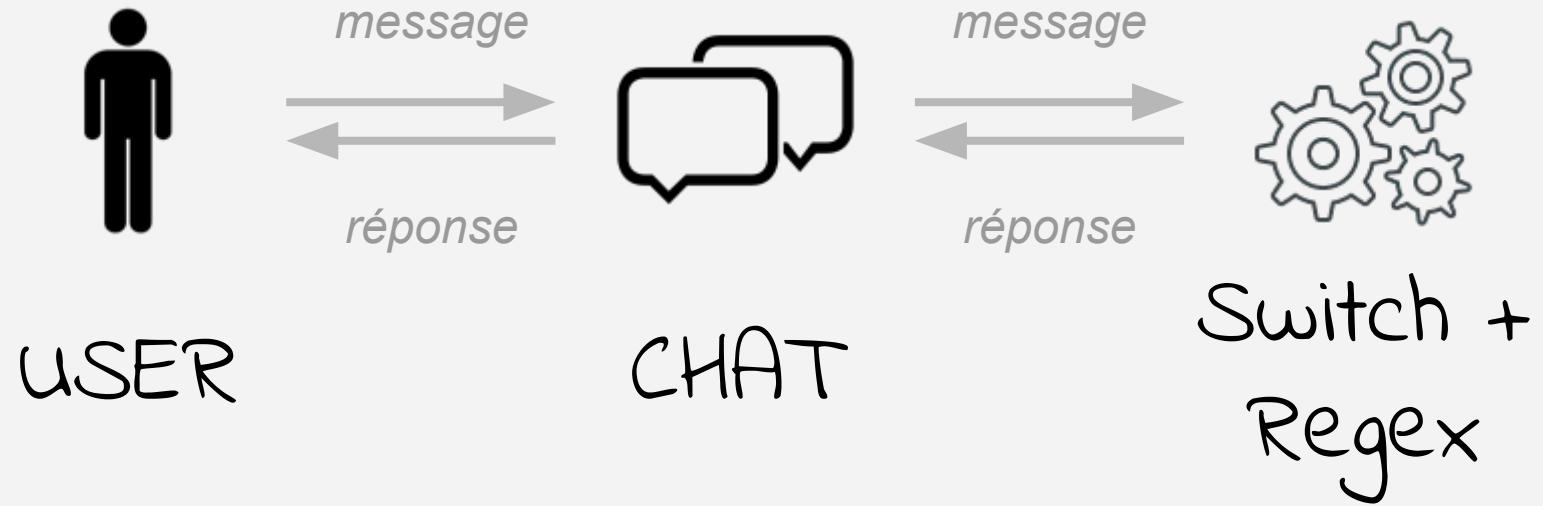
QUOI ?



BREIZHBOT

COMMENT ?





```
const bot = (message) => {
    switch(true){
        case /suivants?/.test(message):
        case /prochains?/.test(message):
        case /après/.test(message):
            return nextTalks()
            break
        case /aujourd'hui/.test(message):
            return todayTalks()
            break
        case /hier/.test(message):
            return yesterdayTalks()
            break
        case /demain/.test(message):
            return tomorrowTalks()
            break
        case /toilettes/.test(message):
        case /wc/.test(message):
            return wc()
            break
        default:
            return sayItAgain()
    }
}
```



Ça marche !



Maintenabilité



Contexte utilisateur (conversations)

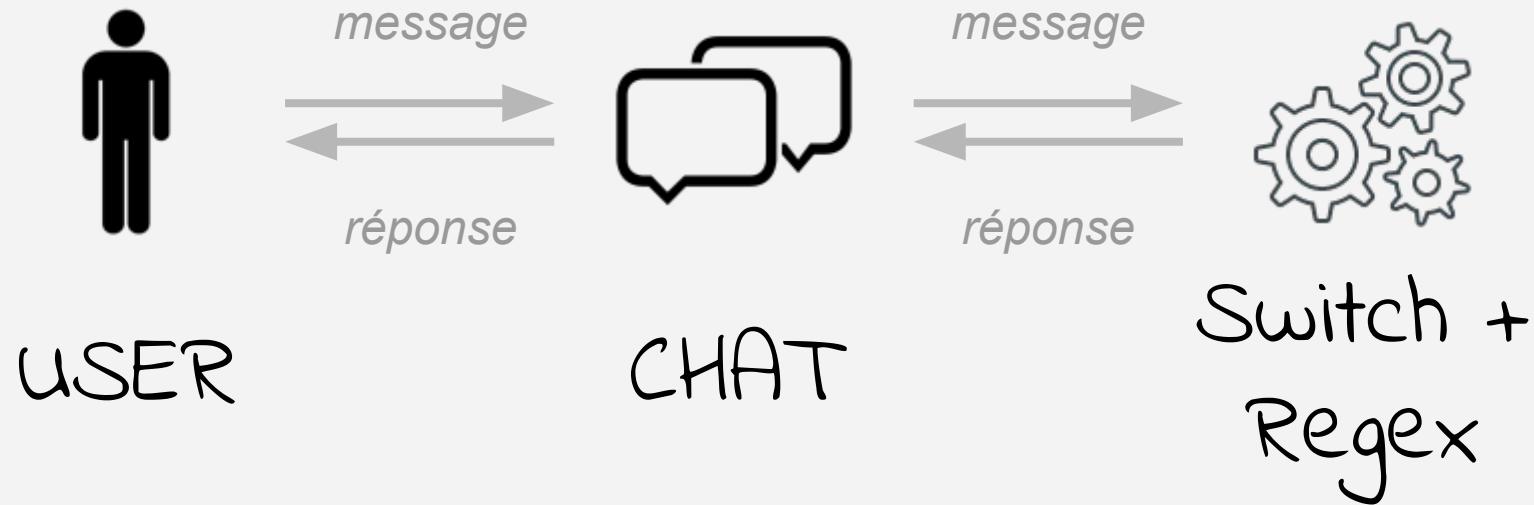
Quels sont les prochains talks ?

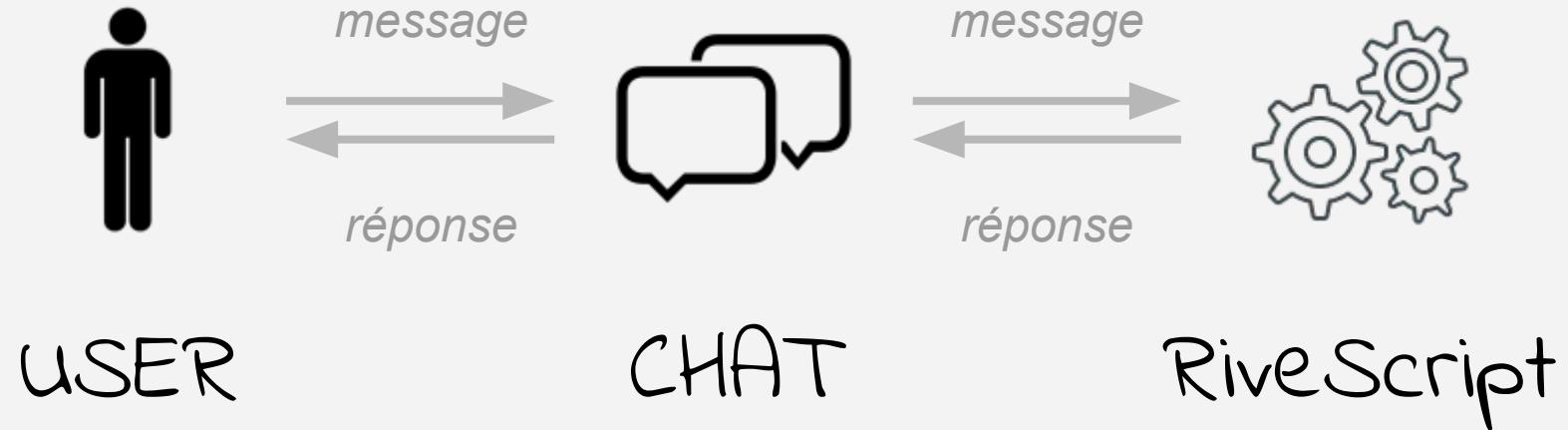
C'est l'heure de la keynote !

C'est où ?

Où est quoi ???







```
! version = 2.0  
  
+ hello bot  
- Hello human!
```

```
! version = 2.0  
  
+ hello bot  
- <call>handleHelloBot()</call>
```

```
const bot = (message) => {
  switch(true){
    case /suivants?/.test(message):
    case /prochains?/.test(message):
    case /après/.test(message):
      return nextTalks()
      break
    case /aujourd'hui/.test(message):
      return todayTalks()
      break
    case /hier/.test(message):
      return yesterdayTalks()
      break
    case /demain/.test(message):
      return tomorrowTalks()
      break
    case /toilettes/.test(message):
    case /wc/.test(message):
      return wc()
      break
    default:
      return sayItAgain()
  }
}
```

```
! version = 2.0

+ [*] (suivant|suivants) [*]
+ [*] (prochain|prochains) [*]
+ [*] après [*]
- <call>nextTalks</call>

+ [*] aujourd'hui [*]
- <call>todayTalks</call>

+ [*] hier [*]
- <call>yesterdayTalks</call>

+ [*] demain [*]
- <call>tomorrowTalks</call>

+ [*] toilettes [*]
+ [*] wc [*]
- <call>wc</call>

+ *
- <call>sayItAgain</call>
```

- + mon nom est *
- + je m'appelle *
- <set name=<star>>Enchanté <get name> !

- + [*] (suivant| suivants) [*]
 - + [*] (prochain| prochains) [*]
 - + après
 - <call>nextTalks</call>
-
- + [*] ou c'est ? [*]
 - + [*] c'est ou ? [*]
 - + Ou est quoi ?

- + [*] (suivant| suivants) [*]
- + [*] (prochain| prochains) [*]
- + après
- <call>nextTalks</call>{topic=talks}

- + [*] ou c'est ? [*]
- + [*] c'est ou ? [*]
- + Ou est quoi ?

> topic talks

- + [*] ou c'est ? [*]
- + [*] c'est ou ? [*]
- <call>nextLocation</call>{topic=random}

< topic



Ça marche



Maintenabilité

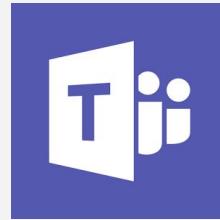


Contexte utilisateur

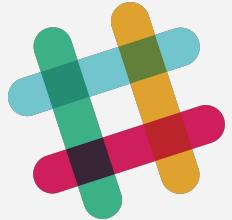
où ?



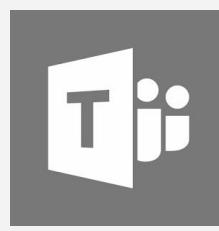
kik.



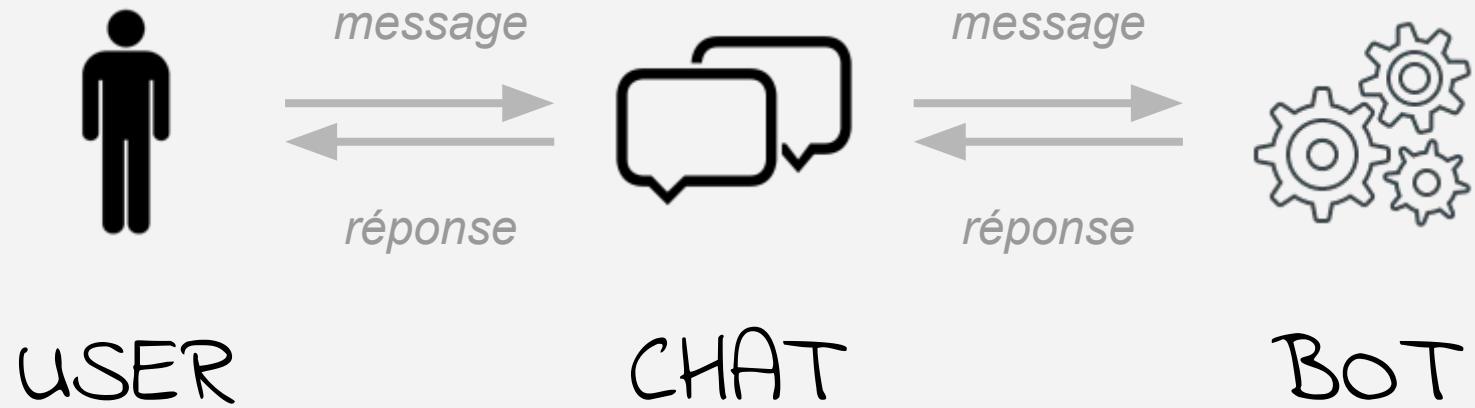
...

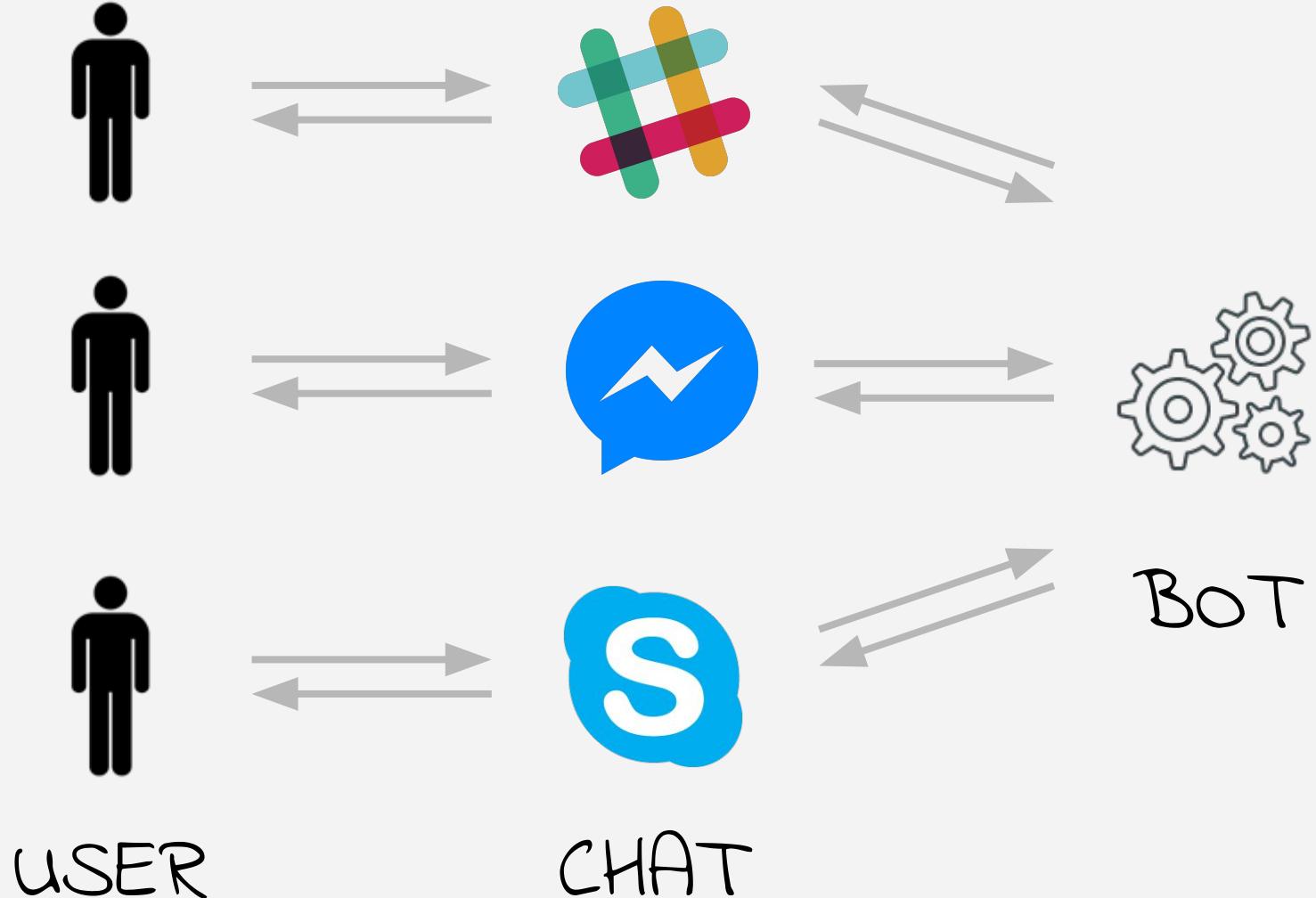


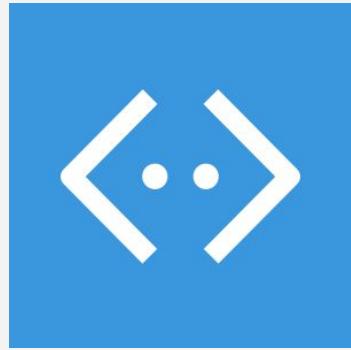
kik.



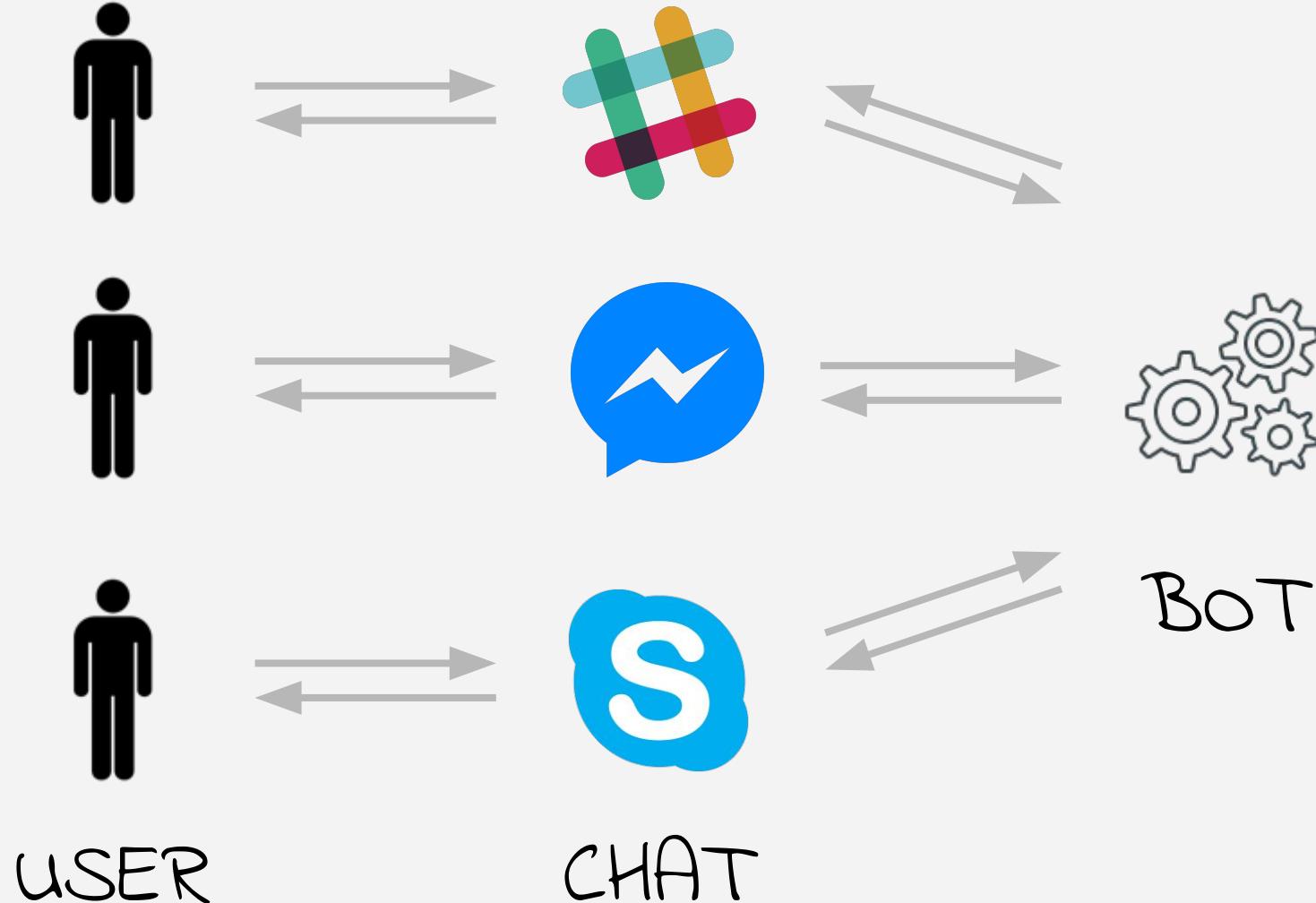
...

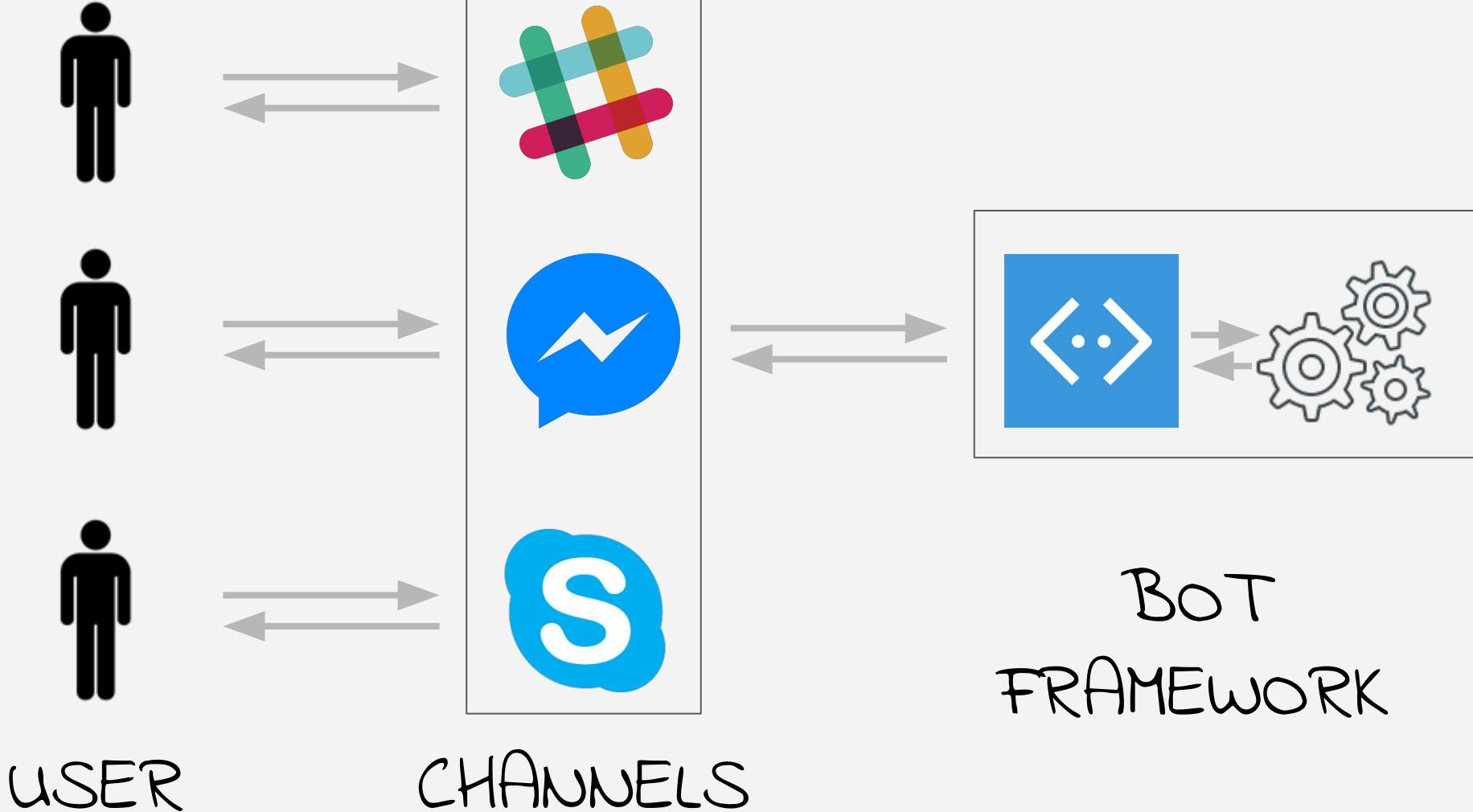






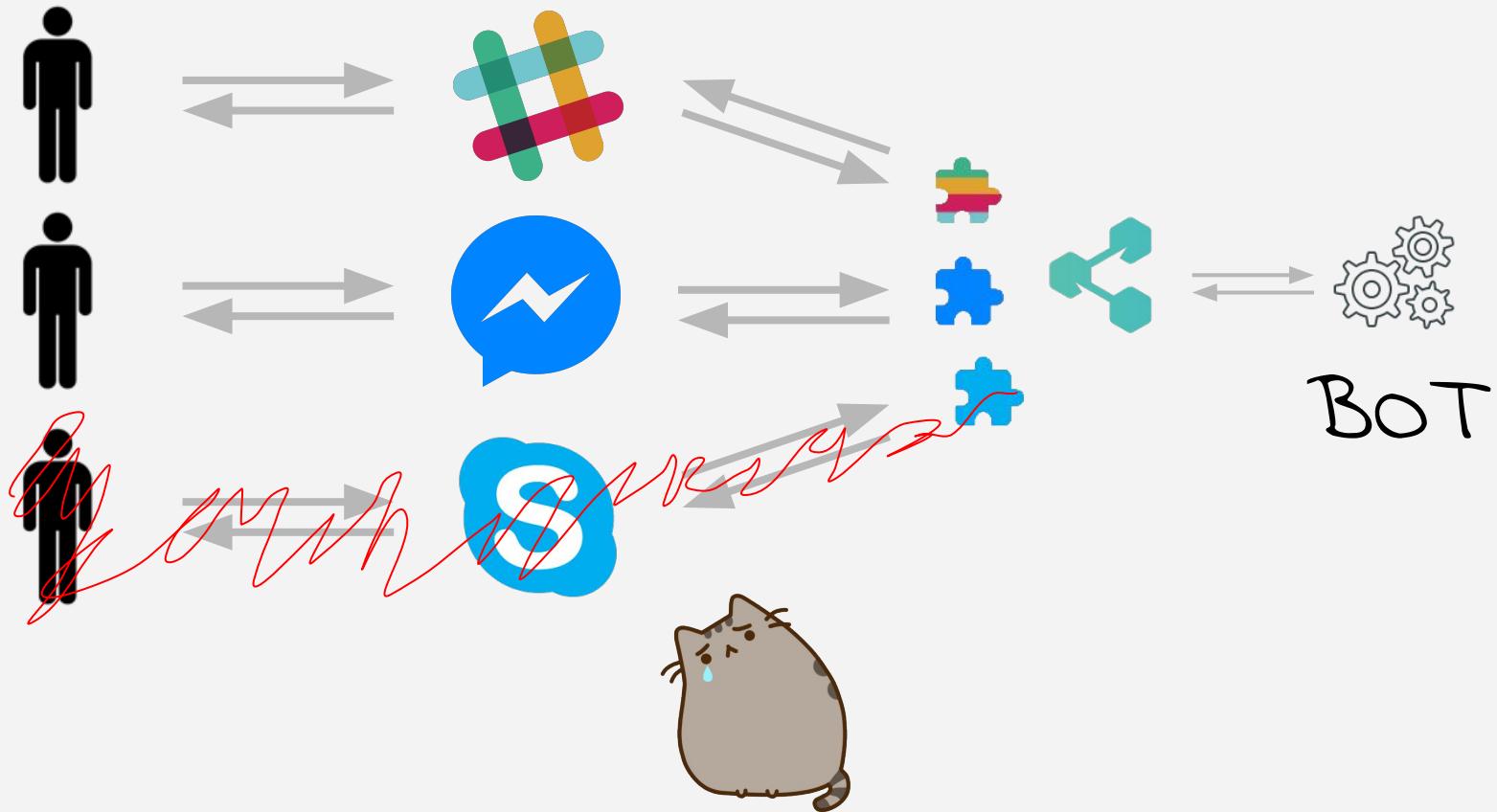
BOT FRAMEWORK

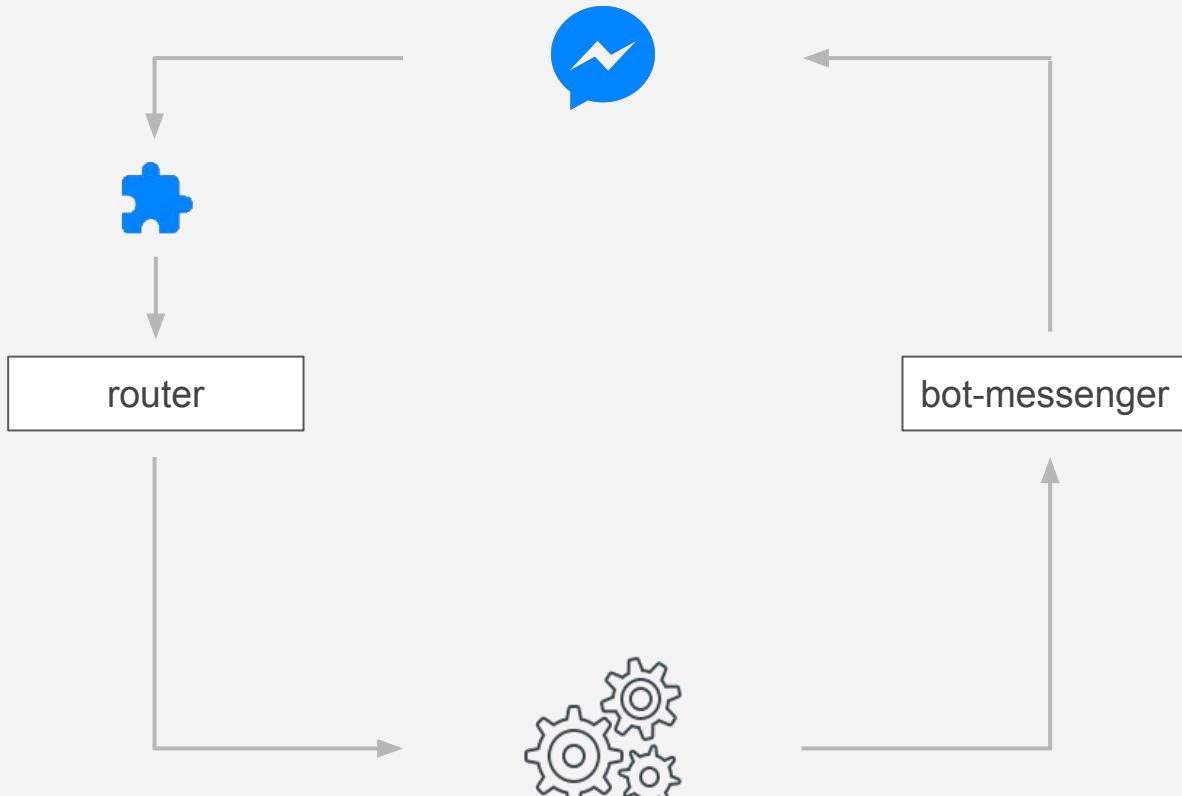




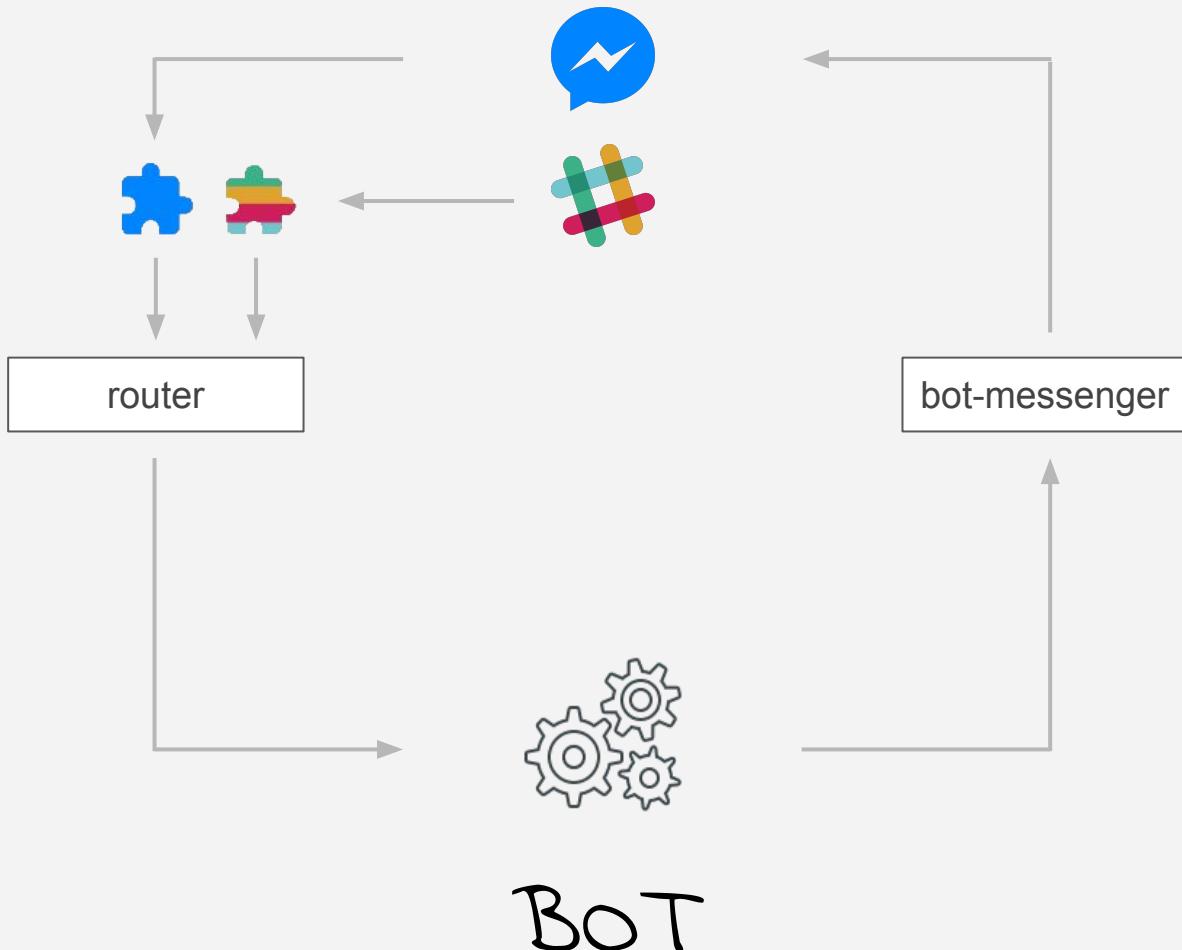


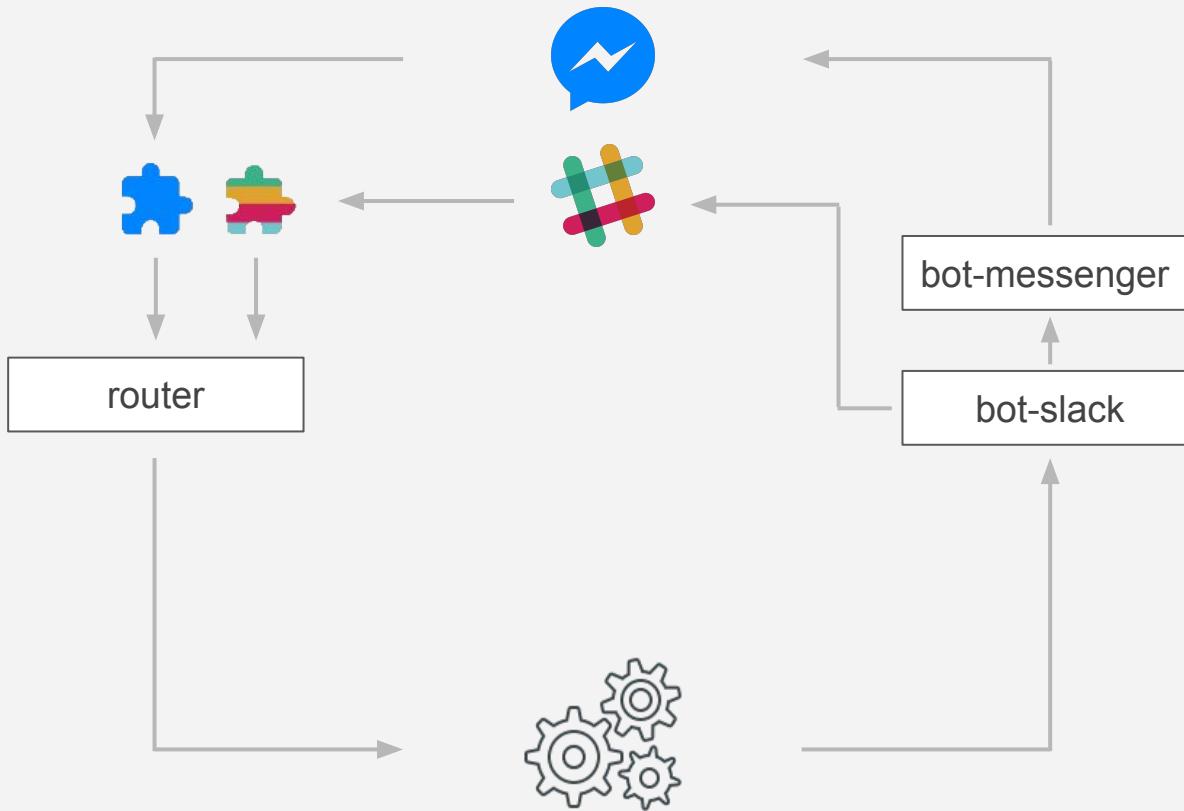
BOTPRESS



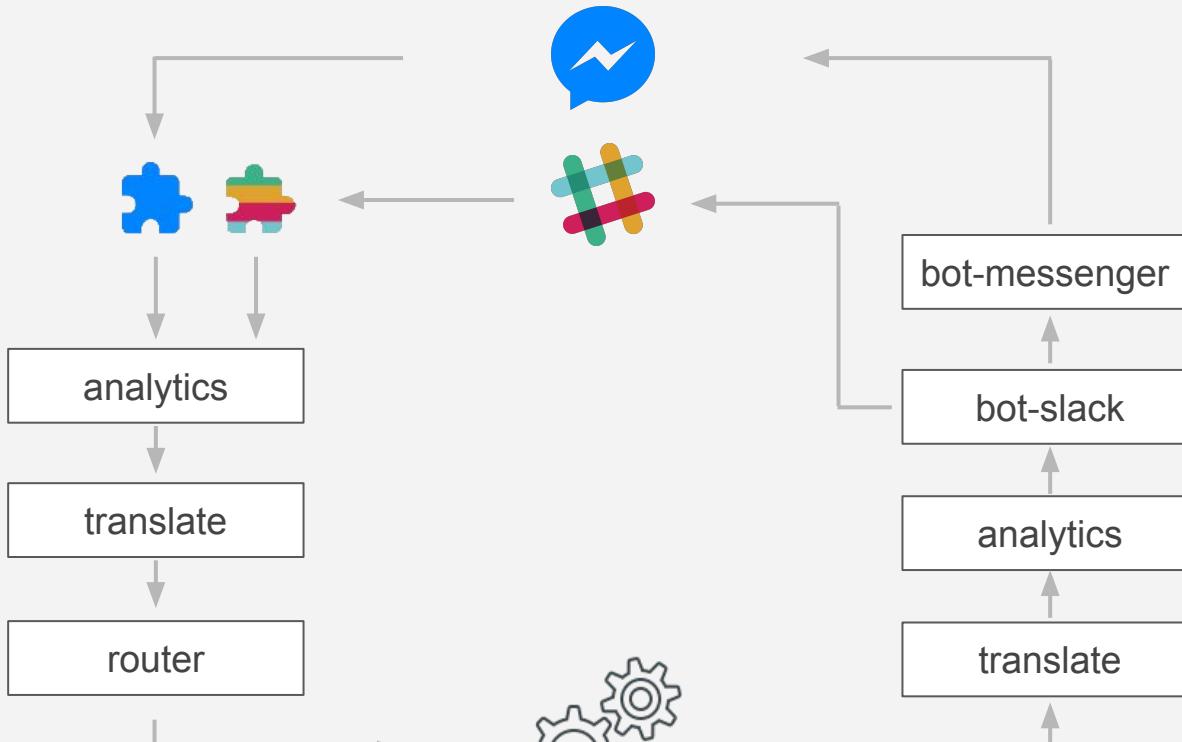


BOT





BOT



BOT





mystery-bot

<no description>

Created by <no author>

Version 0.0.1

Licensed under AGPL-3.0 (Change)



TheFreakLord is one of the heroes behind botpress-discord.

Info extracted from package.json

Incoming middlewares what's this?

- [botpress-analytics](#)

Handler: analytics.incoming



- [botpress](#)

Handler: hear



POPULAR MODULES

[botpress-messenger](#)

Official Facebook Messenger connector for botpress

★ 29
6

[Uninstall](#)

[botpress-analytics](#)

Provides high level analytics about your bot usage.

★ 3
2

[Uninstall](#)

Outgoing middlewares what's this?

- [botpress-analytics](#)

Handler: analytics.outgoing



- [botpress-discord](#)

Handler: discord.sendMessages



- [botpress-messenger](#)

Handler: messenger.sendMessages



FEATURED MODULES

[botpress-broadcast](#)

Broadcast messages to all (or a subset) of your users

★ 4
1

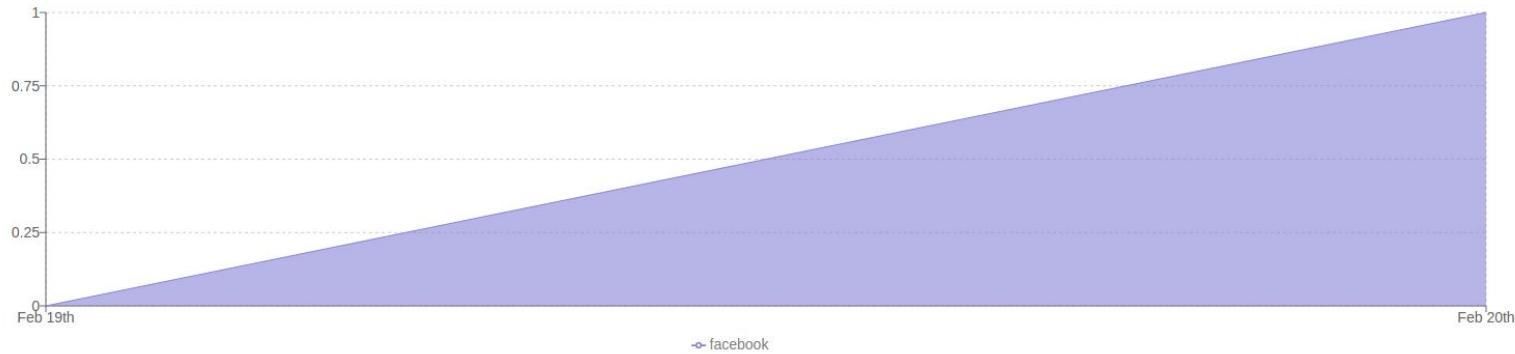
Botpress
AGPL-3.0[Install](#)

[botpress-rivescript](#)

Simple scripting language for chatbots with a friendly, concise lang-

[OPEN CHAT](#)

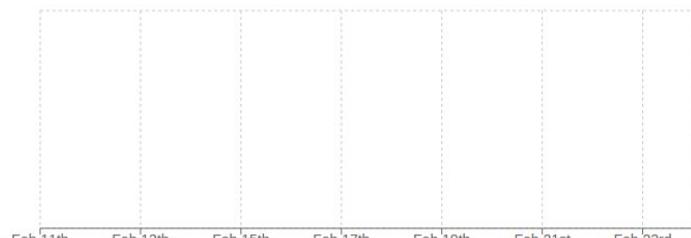
TOTAL NUMBER OF USERS



ACTIVE USERS IN LAST 2 WEEKS



GENDER USAGE IN LAST WEEK



INSIGHTS

AVERAGE INCOMING INTERACTIONS (LAST 2 WEEKS)

Breizhbot en quelques chiffres



Déployé sur 2 plateformes



Dispo sur PC, Mac, tablettes, smartphones



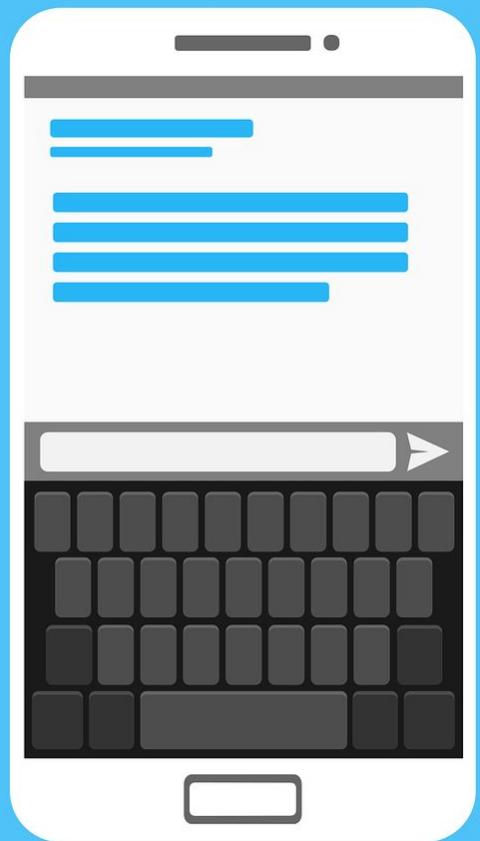
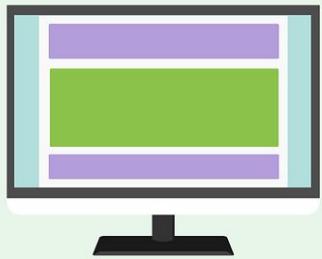
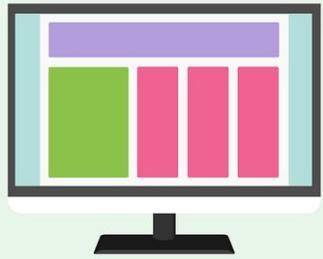
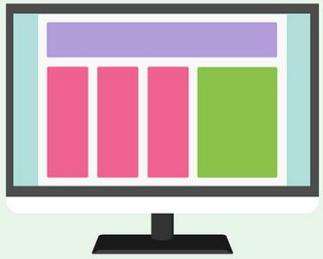
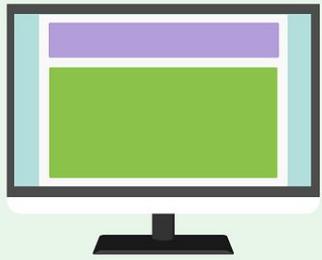
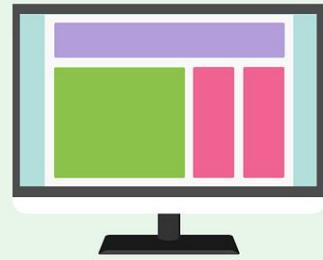
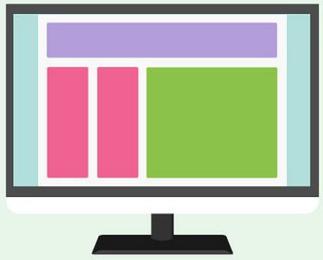
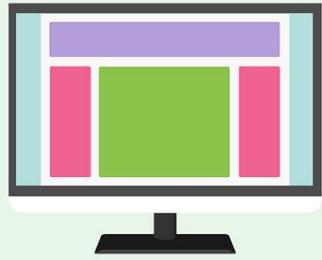
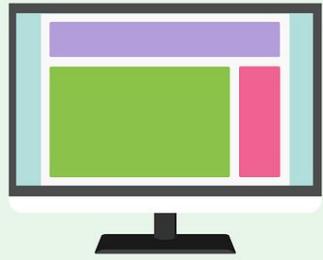
0€ dépensés



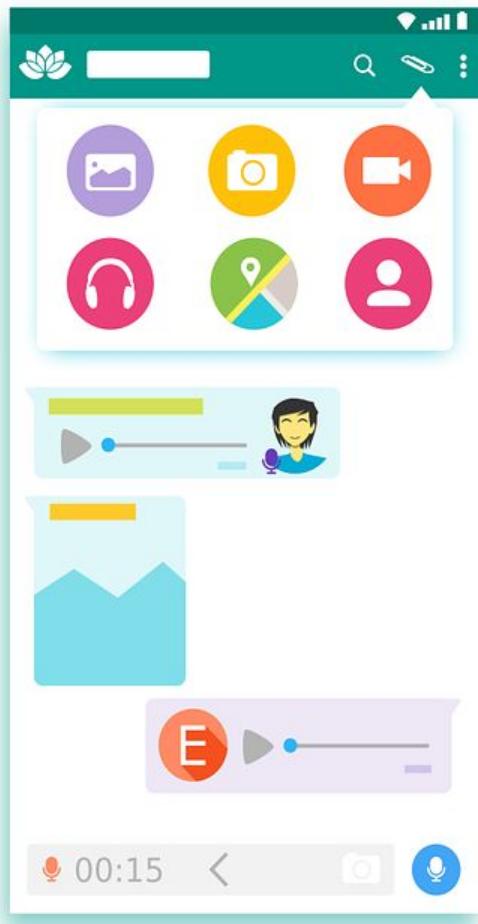
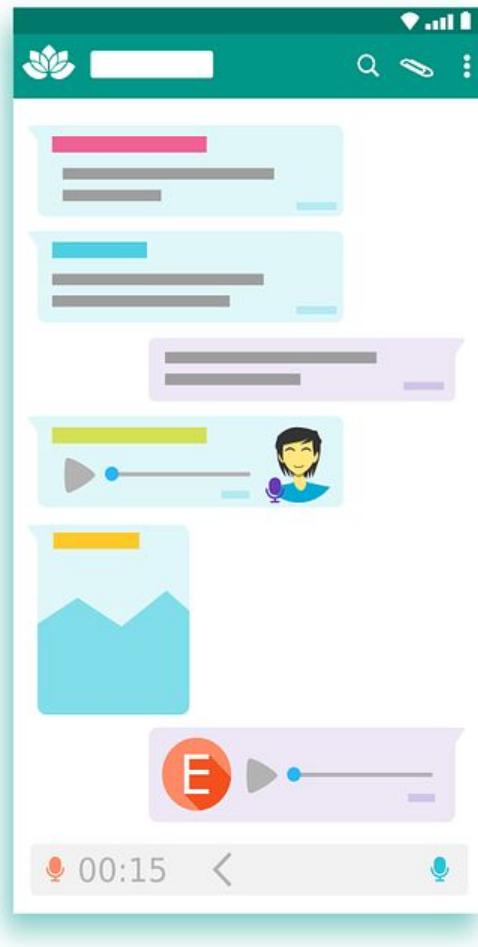
2 convaincus... voir plus ?

CONCLUSION ?

SIMPLIFICATION



SIMPLIFICATION
mais
NOUVELLE RICHESSE



SIMPLIFICATION
mais
NOUVELLE RICHESSE
donc
NOUVEAUX USAGES



