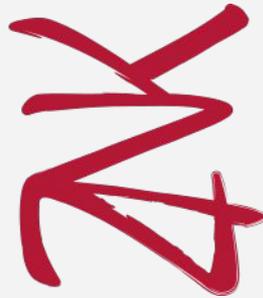


Les bots, du pourquoi au comment ?

Benjamin
Plouzenec



okazari



Antoine
Cailly



acailly

Once upon a time



UBBER



facebook



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









Windows

Linux

iOS

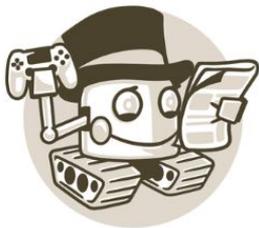
Android



```
<i class="
<h3>Happy Clients</
</div>
</div>
<!-- end first count item -->
<!-- second count item -->
<div class="col-md-3 col-sm-6 col-xs-12 text-center wow fadeInDown"
data-wow-duration="500ms" data-wow-delay="200ms">
  <div class="counters-item">
    <div>
      <span data-speed="3000" data-to="565">565</span>
    </div>
    <i class="fa fa-check-square fa-3x"></i>
    <h3>Projects completed</h3>
  </div>
</div>
<!-- end second count item -->
<!-- third count item -->
<div class="col-md-3 col-sm-6 col-xs-12 text-center wow fadeInDown"
data-wow-duration="500ms" data-wow-delay="400ms">
  <div class="counters-item">
    <div>
      <span data-speed="3000" data-to="95">95</span>
      <span>%</span>
    </div>
    <i class="fa fa-thumbs-up fa-3x"></i>
    <h3>Positive feedback</h3>
  </div>
</div>
<!-- end third count item -->
<!-- fourth count item -->
<div class="col-md-3 col-sm-6 col-xs-12 text-center wow fadeInDown"
data-wow-duration="500ms" data-wow-delay="600ms">
  <div class="counters-item kill-margin-bottom">
    <div>
      <span data-speed="3000" data-to="2500">2500</span>
    </div>
```

```
@media (
80
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](#)

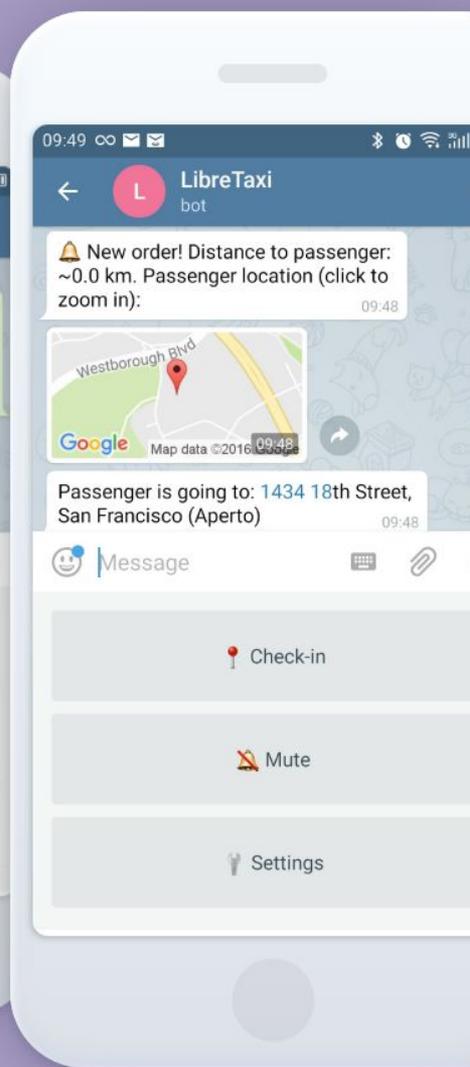
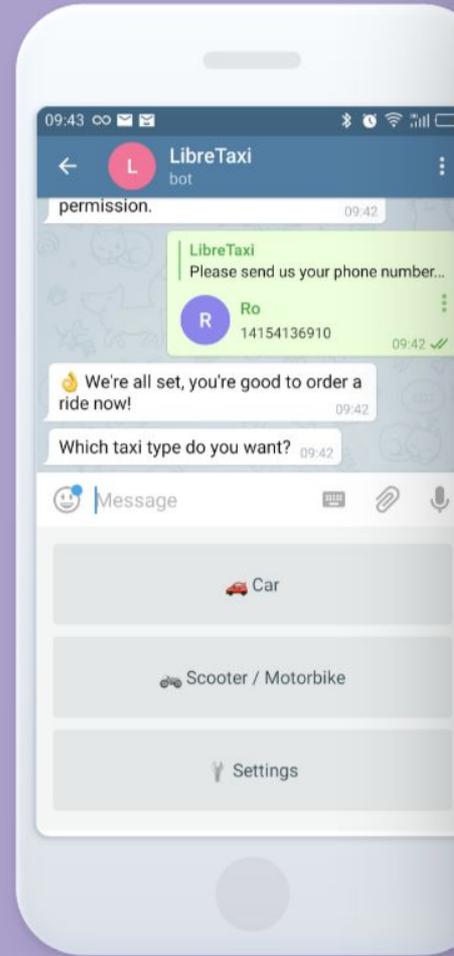
Apr 8
[Active Sessions and](#)

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 ?

Multiplatforme



Multiplatforme



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

Net Déplie friendly



Pas d'application à télécharger



Pas de mise à jour

old device friendly

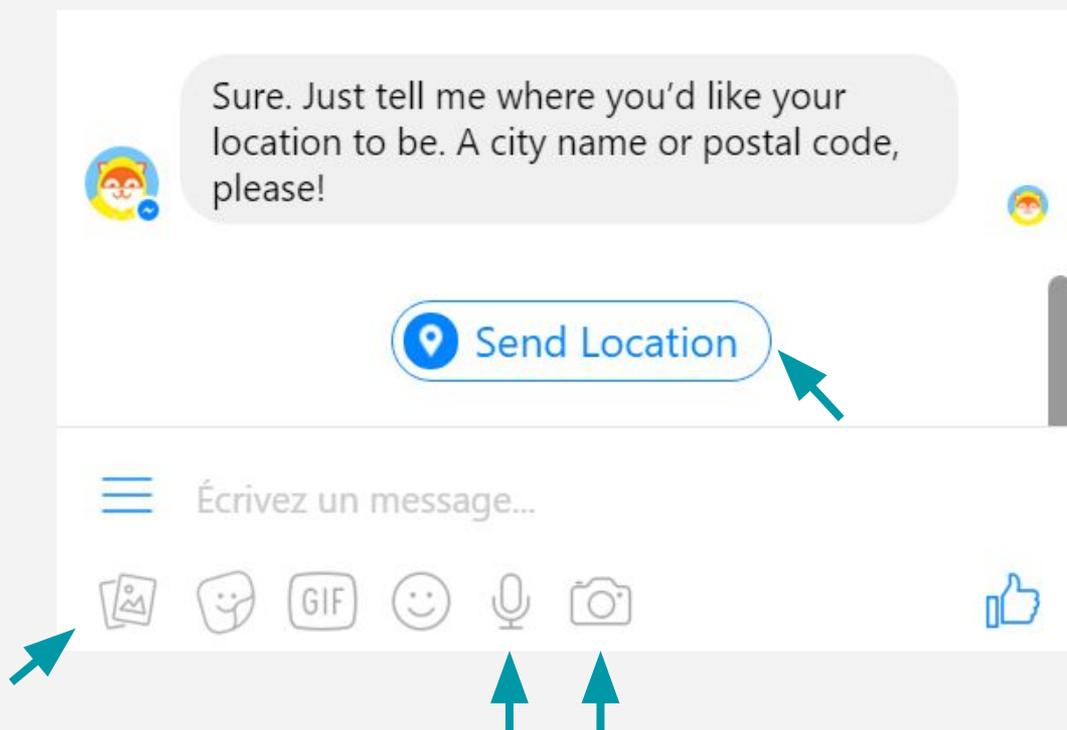


Faible consommation CPU



Peu de stockage

Quelques fonctions natives



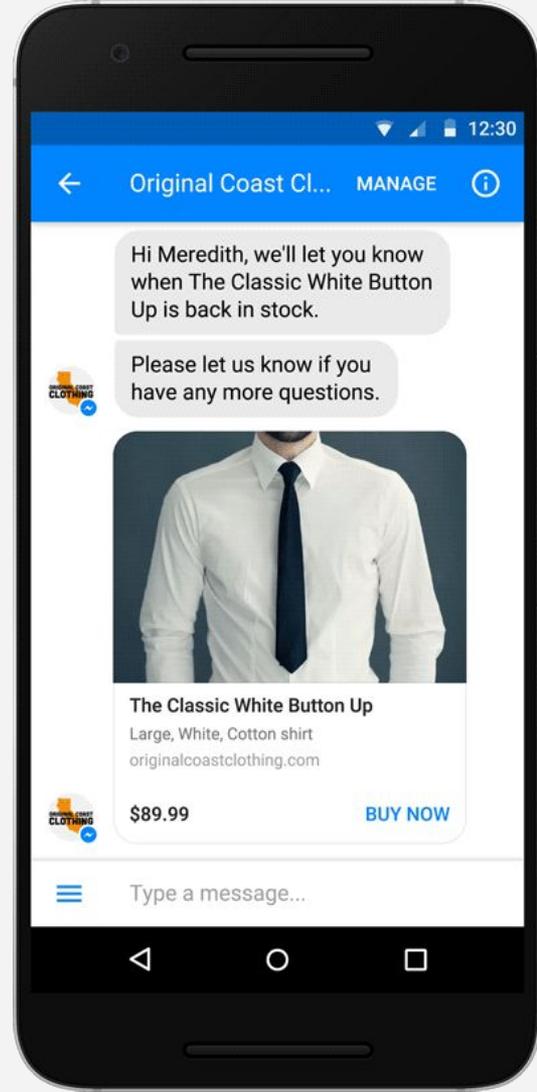
Paiement



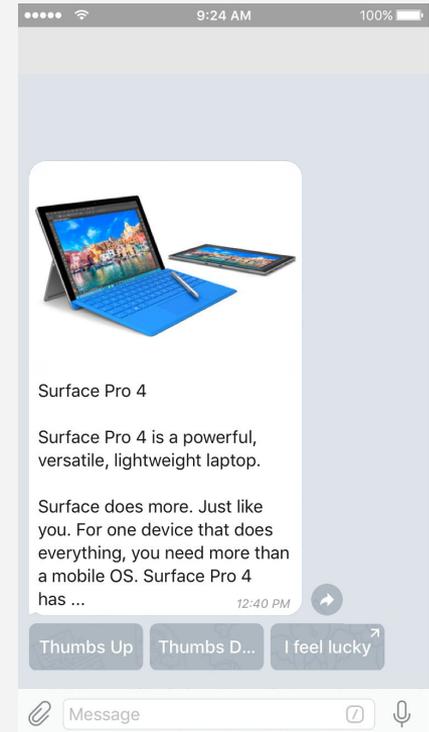
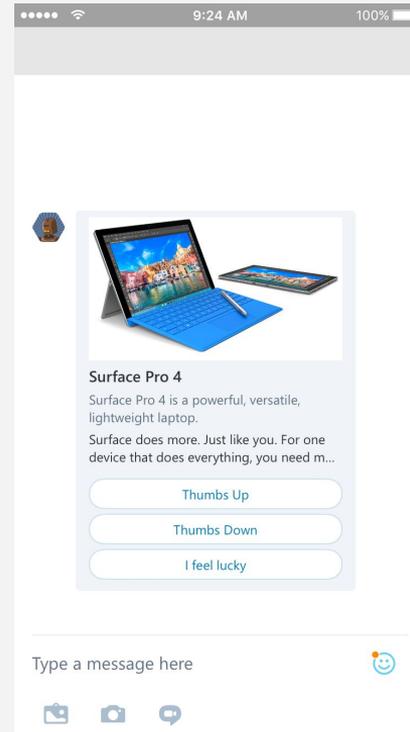
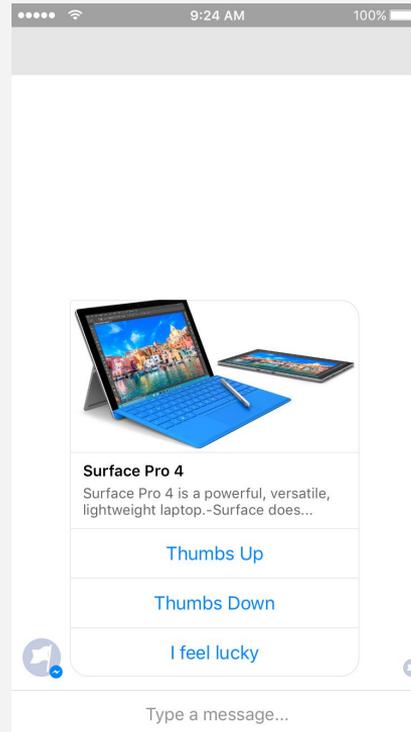
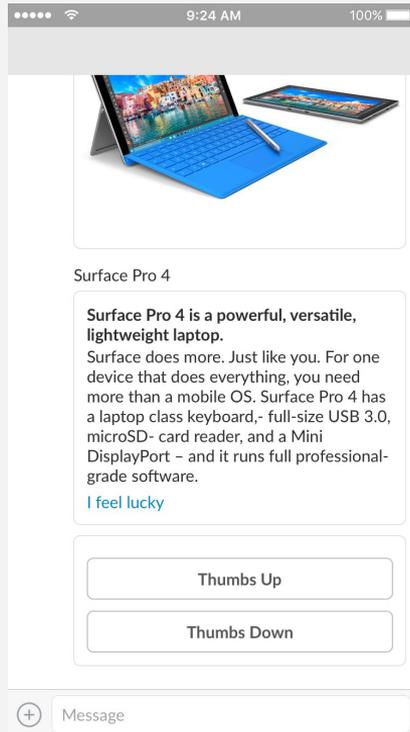
Parfois oui (ex: Messenger)



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



POURQUOI

MAINTENANT ?

Un nouveau concept ?



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 cons...

[Read story](#)

[Get a summary](#)

[Ask CNN](#)



Harrison Ford's plane lands on

Harrison Ford was aboard a sm:
California ...





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

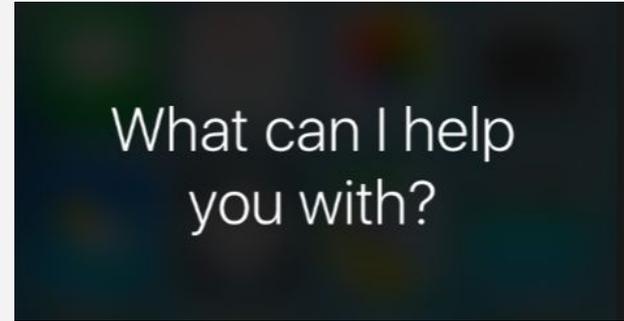
Horoscope

A Joke

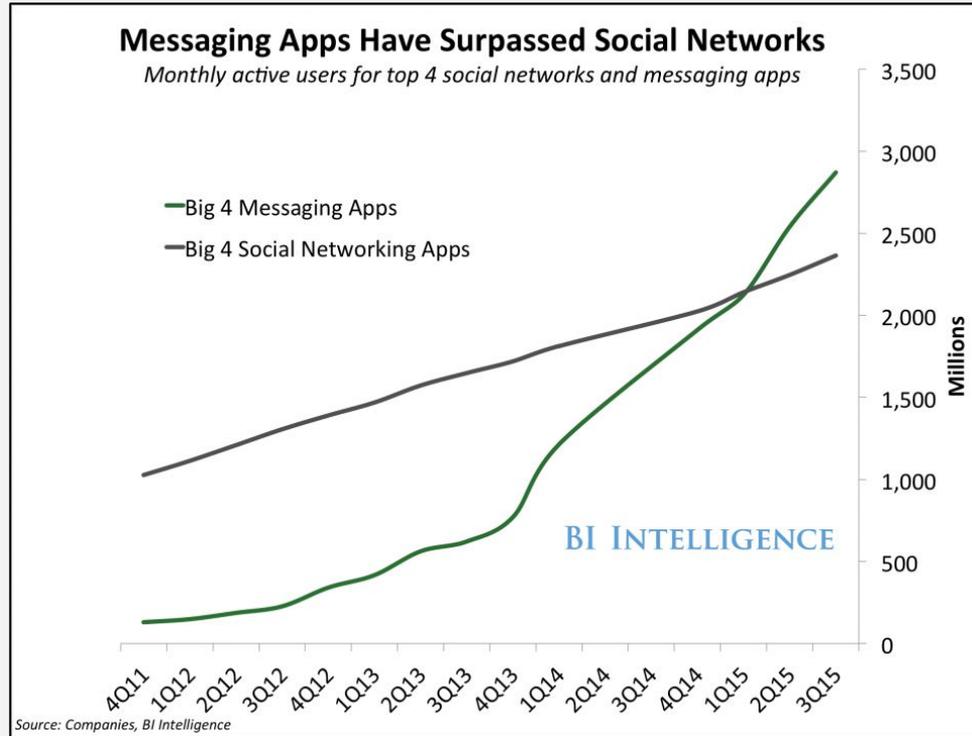


Écrivez un message...

Natural Language Processing (NLP)



Messaging > Social ?



Messaging > App ?

TOP APPS BY USAGE

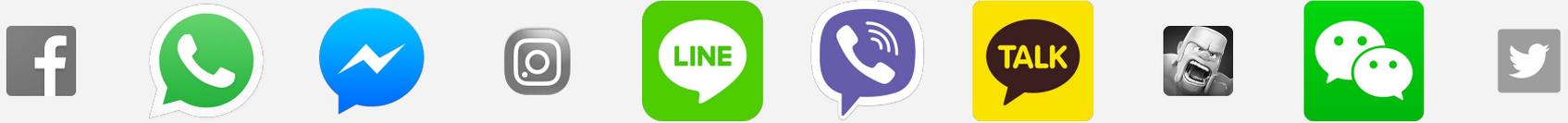


TOP APPS BY NUMBER OF SESSIONS



Messaging > App ?

TOP APPS BY USAGE



TOP APPS BY NUMBER OF SESSIONS



APIs



Telegram (juin 2015)



Messenger (avril 2016)



Slack (décembre 2015)



Kik (avril 2016)



Skype (mars 2016)



WhatsApp

QUOI ?

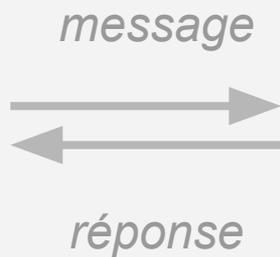


BREIZHBOT

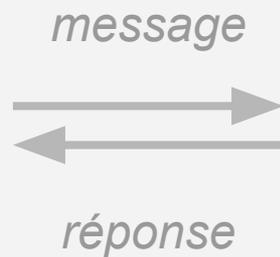
COMMENT ?



USER



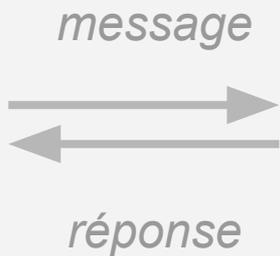
CHAT



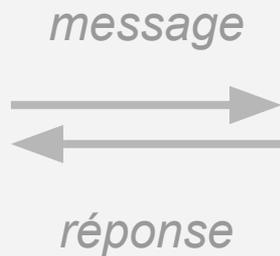
(RO)BOT



USER



CHAT



Switch +
Regex

```
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)

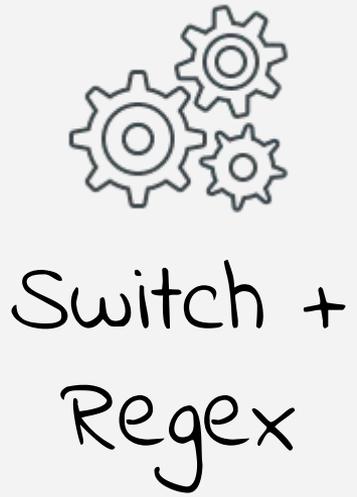
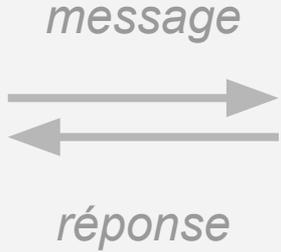
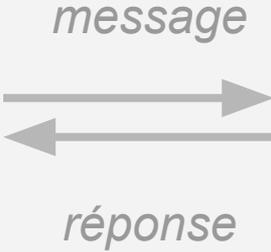
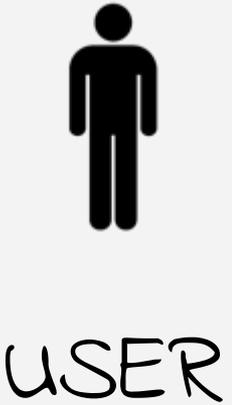
Quels sont les prochains talks ?

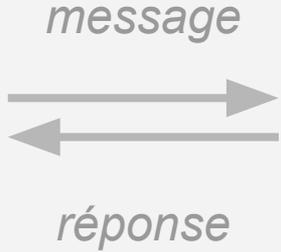
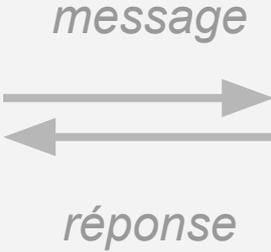
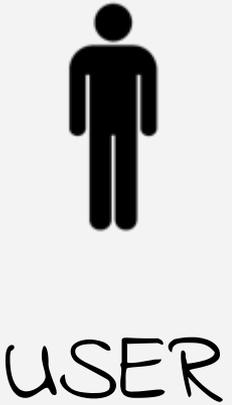
C'est l'heure de la keynote !

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

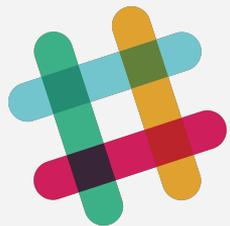


Maintenabilité



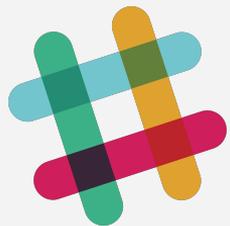
Contexte utilisateur

OÙ ?



kik.



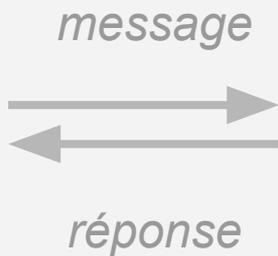


kik.

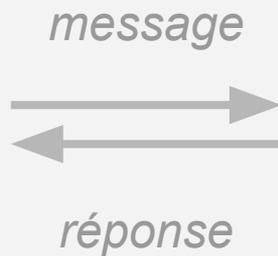




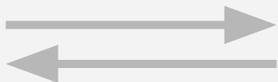
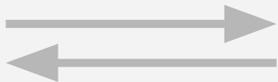
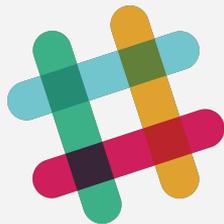
USER



CHAT



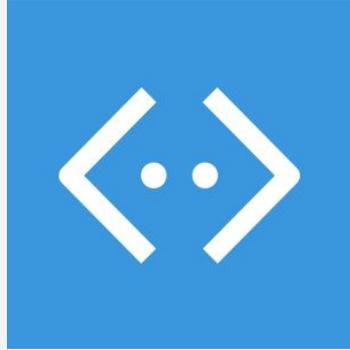
BOT



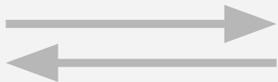
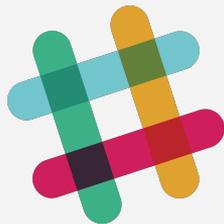
BOT

USER

CHAT



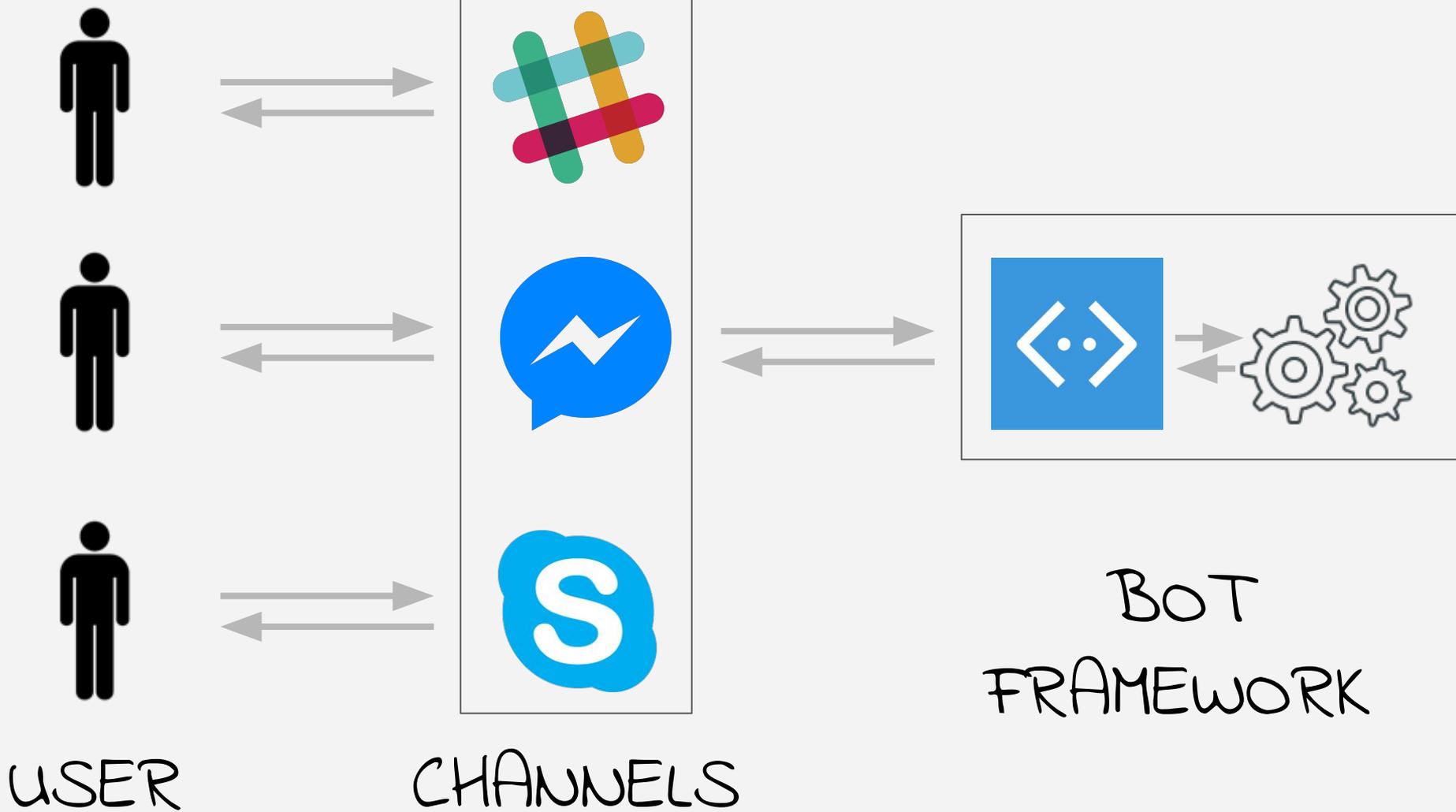
BOT FRAMEWORK



BOT

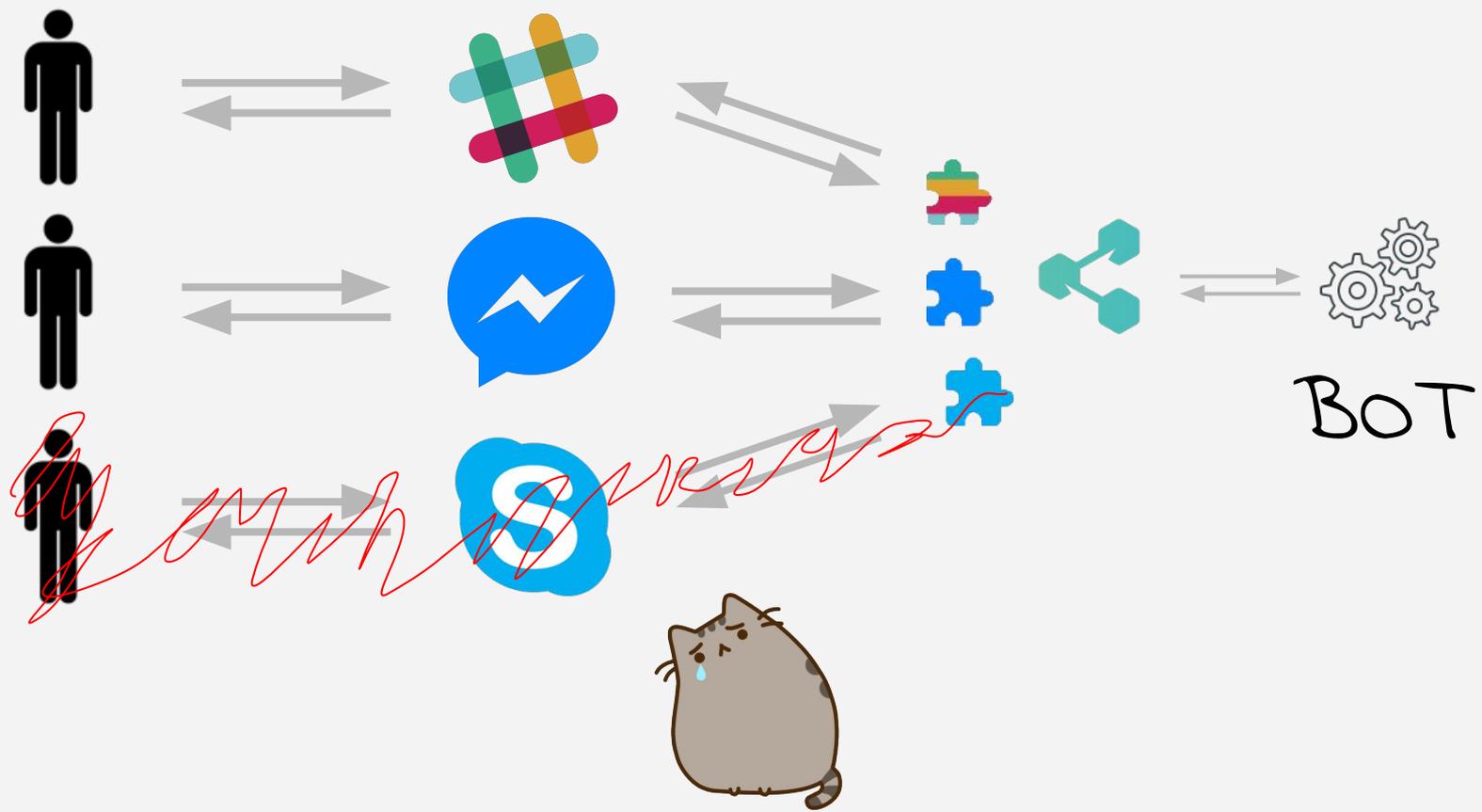
USER

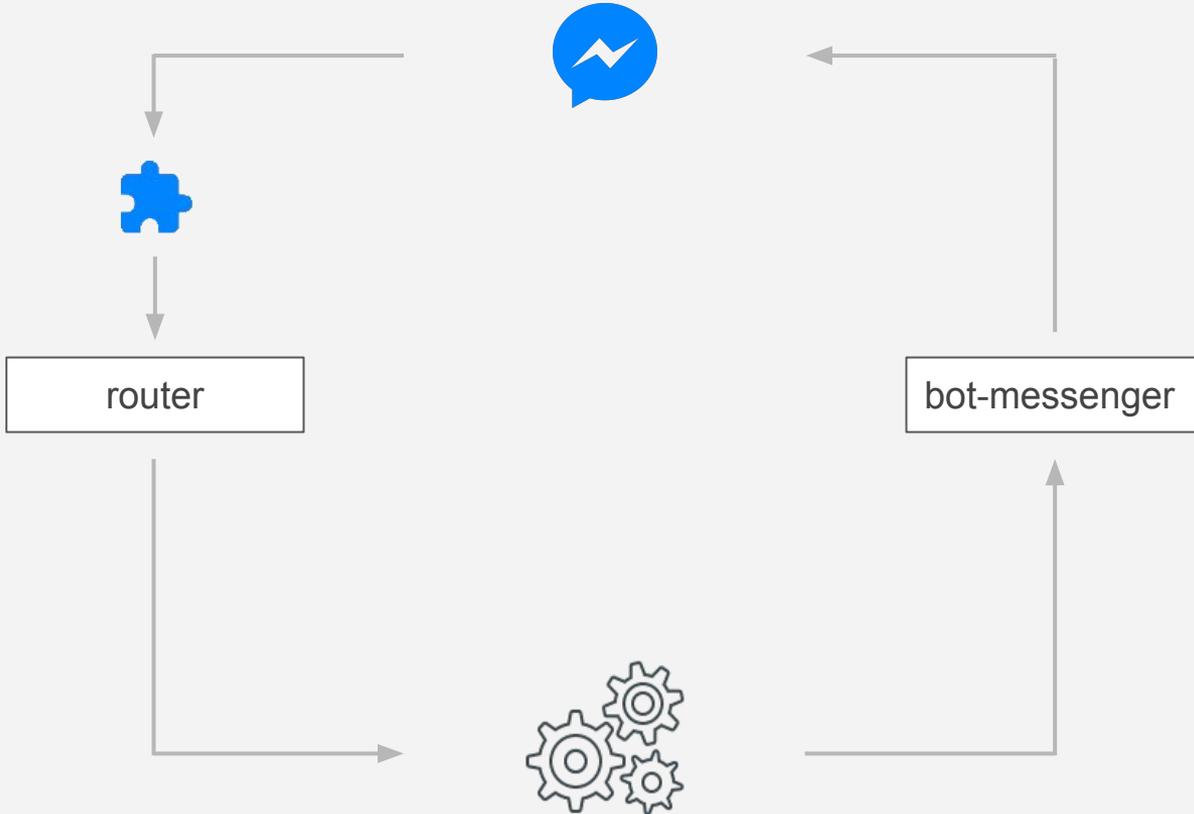
CHAT



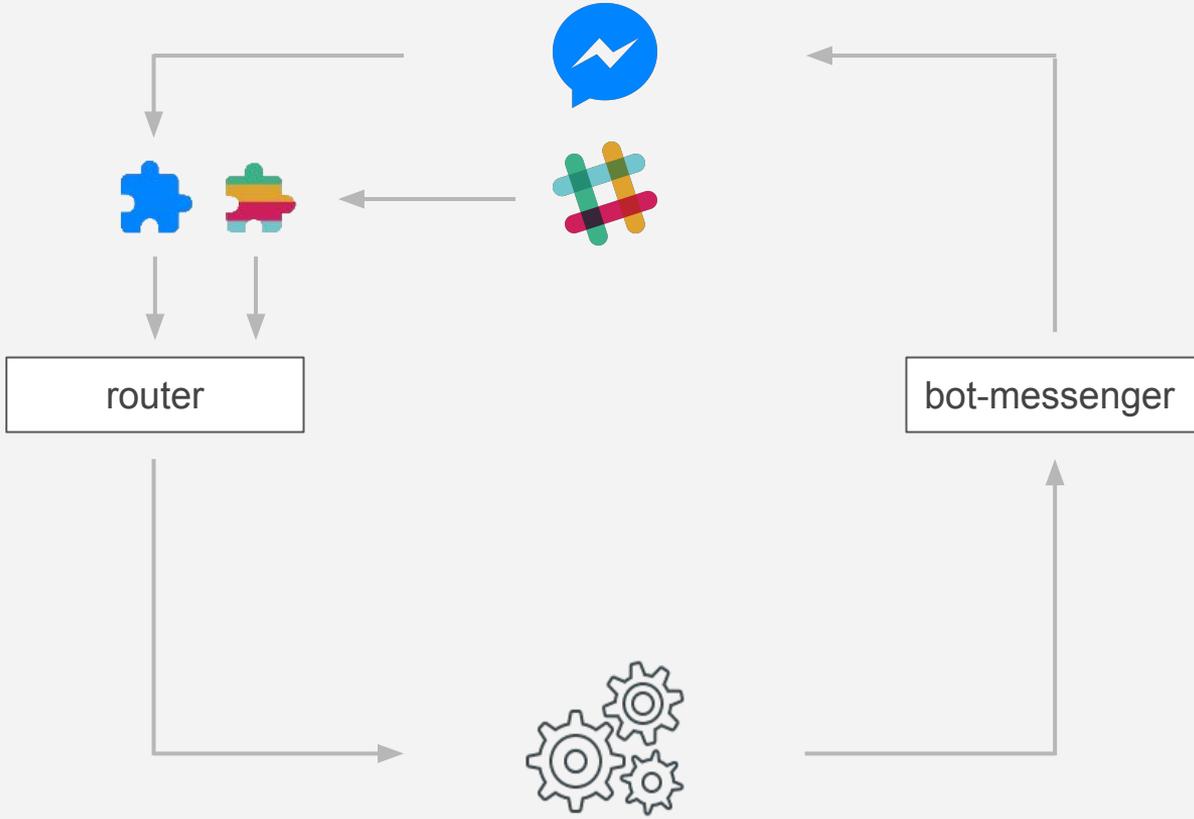


BOTPRESS

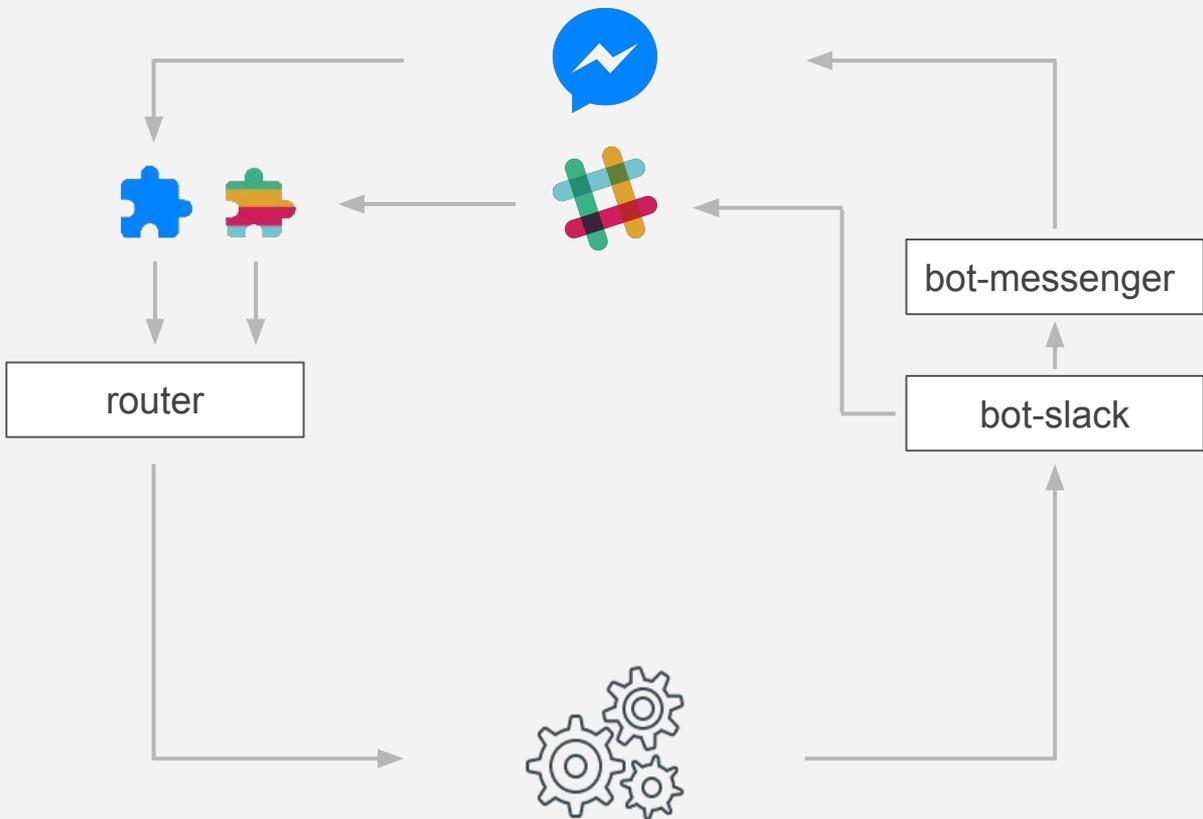




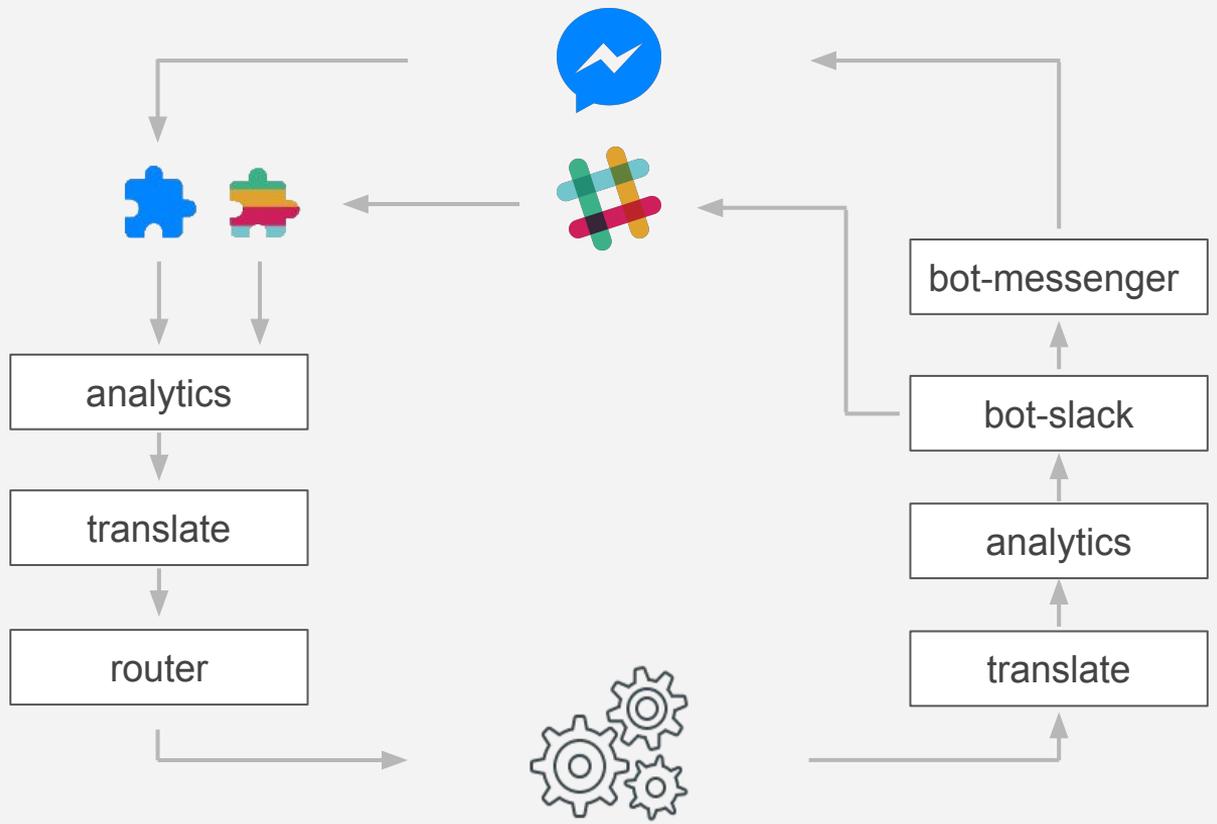
BOT



BOT



BOT



BOT



- Dashboard
- Modules
- Analytics
- botpress-discord
- Messenger

mystery-bot

<no description>

Created by <no author>

Version 0.0.1

Licensed under AGPL-3.0 (Change)

Info extracted from package.json

TheFreakLord is one of the heroes behind botpress-discord.

Incoming middlewares [what's this?](#)

- [botpress-analytics](#) ?
Handler: analytics.incoming
- [botpress](#) ?
Handler: hear

Outgoing middlewares [what's this?](#)

- [botpress-analytics](#) ?
Handler: analytics.outgoing
- [botpress-discord](#) ?
Handler: discord.sendMessage
- [botpress-messenger](#) ?
Handler: messenger.sendMessage

POPULAR MODULES

botpress-messenger

Official Facebook Messenger connector for botpress

Botpress
AGPL-3.0

★ 29

👤 6

Uninstall

botpress-analytics

Provides high level analytics about your bot usage.

Botpress
AGPL-3.0

★ 3

👤 2

Uninstall

FEATURED MODULES

botpress-broadcast

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

Botpress
AGPL-3.0

★ 4

👤 1

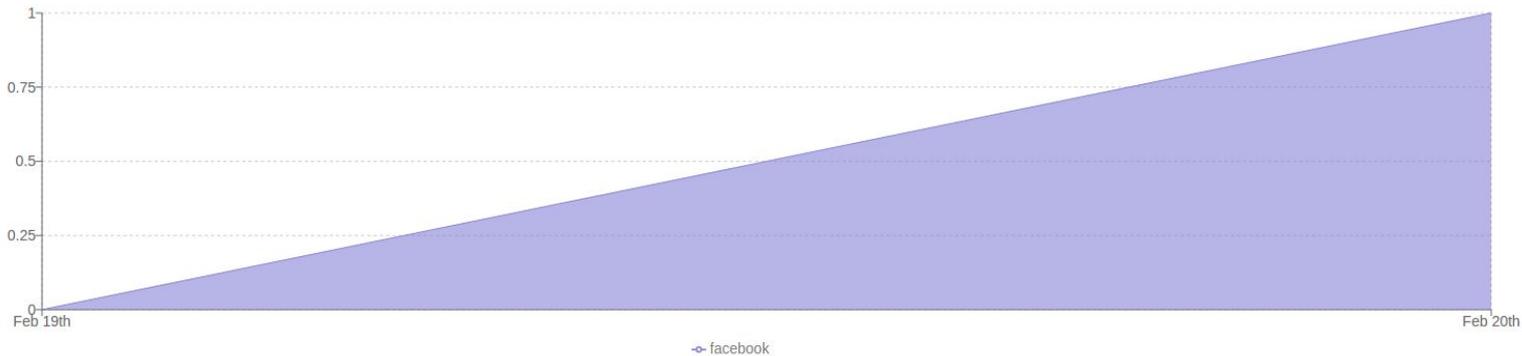
Install

botpress-rivescript

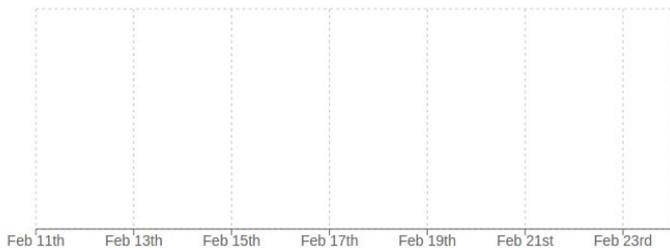
Simple scripting language for chatbots with a friendly, easy to learn

★ 6

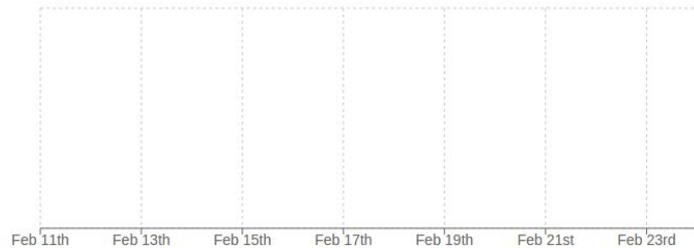
TOTAL NUMBER OF USERS



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



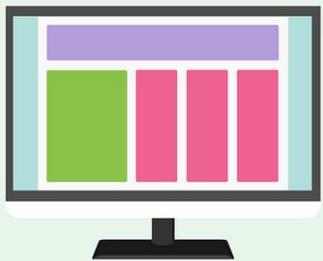
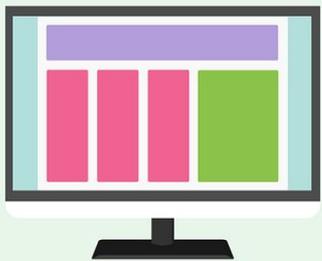
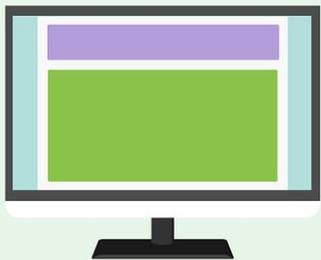
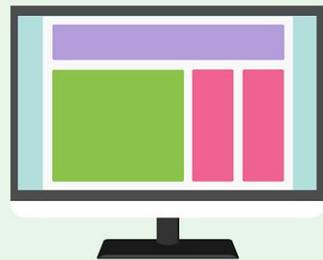
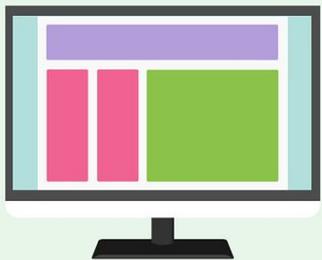
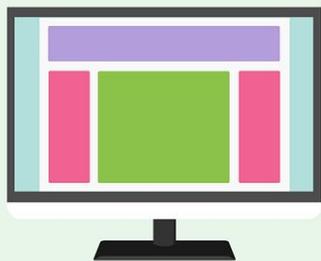
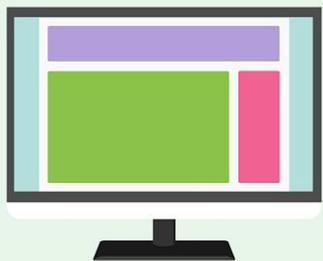
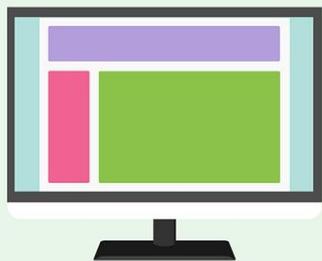
0€ dépensés



2 convaincus... voir plus ?

CONCLUSION ?

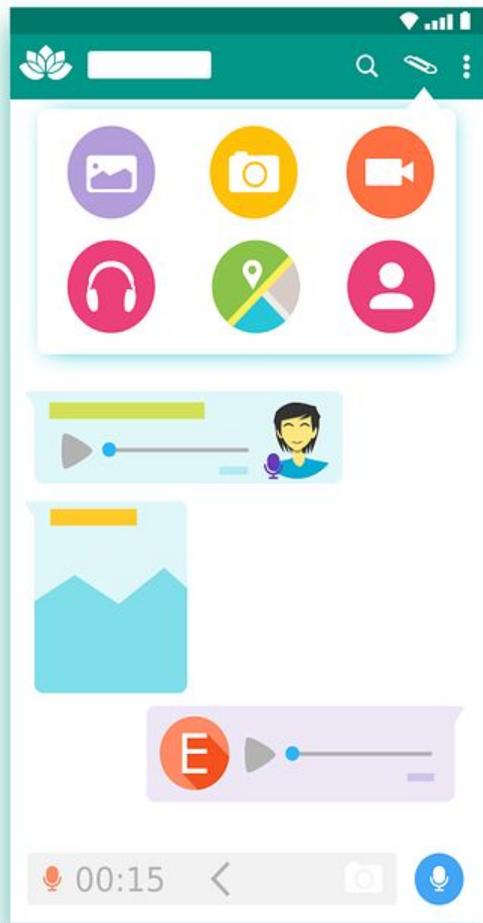
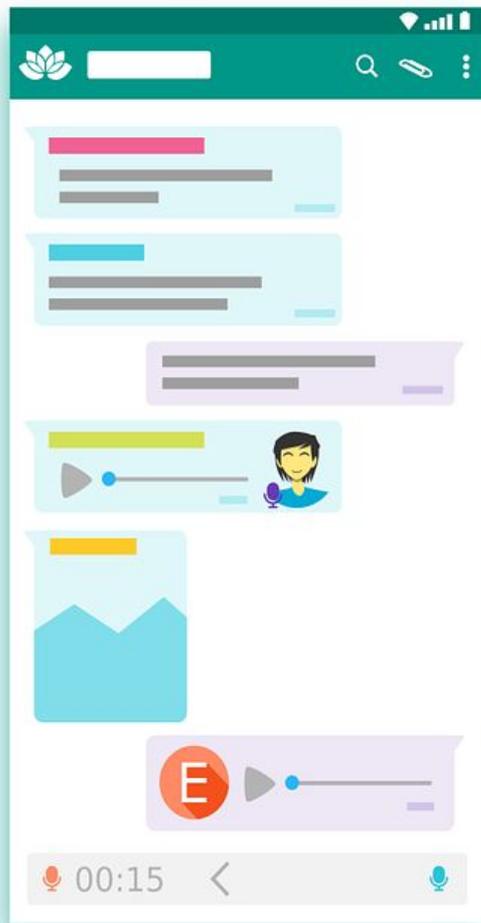
SIMPLIFICATION



SIMPLIFICATION

mais

NOUVELLE RICHESSE



SIMPLIFICATION

mais

NOUVELLE RICHESSE

donc

NOUVEAUX USAGES



