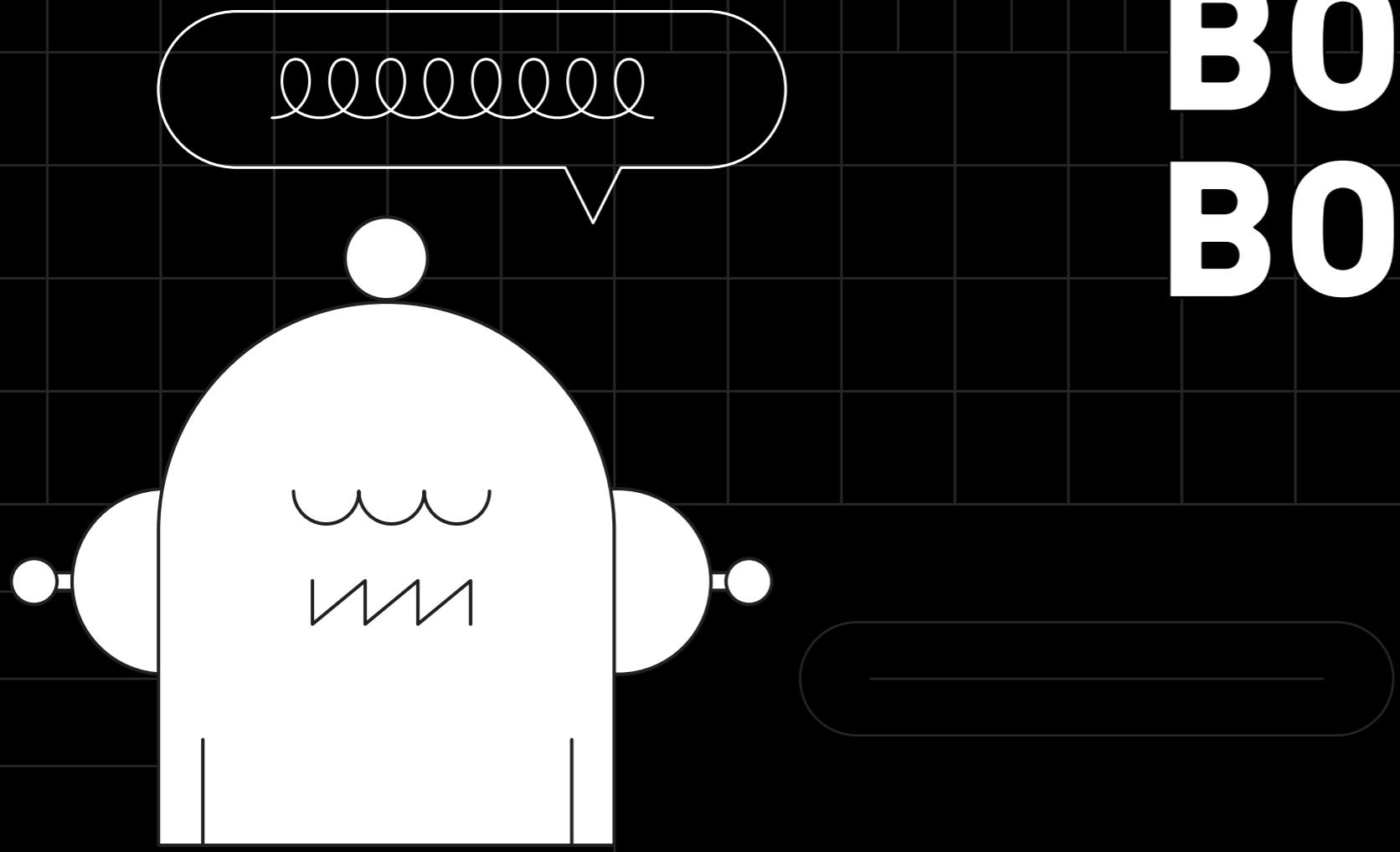


# TALLER BOTÁNICO

## BOT BOT BOT BOT



# 1. GUIÓN DEL TALLER

# 1. GUIÓN DEL TALLER (*qué meta*)



1. **GUIÓN DEL TALLER** (*qué meta*)

2. **BOTS**

1. **GUIÓN DEL TALLER** (*qué meta*)
2. **BOTS**
3. **CHISTES SOBRE BOTS**

1. **GUIÓN DEL TALLER** (*qué meta*)
2. **BOTS**
3. **CHISTES SOBRE BOTS**
4. **TRACERY + CHEAP BOTS, DONE QUICK!**

1. **GUIÓN DEL TALLER** (*qué meta*)
2. **BOTS**
3. **CHISTES SOBRE BOTS**
4. **TRACERY + CHEAP BOTS, DONE QUICK!**
5. **MÁS CHISTES SOBRE BOTS**

1. **GUIÓN DEL TALLER** (*qué meta*)
2. **BOTS**
3. **CHISTES SOBRE BOTS**
4. **TRACERY + CHEAP BOTS, DONE QUICK!**
5. **MÁS CHISTES SOBRE BOTS**
6. **BREVE PAUSA**

1. **GUIÓN DEL TALLER** (*qué meta*)
2. **BOTS**
3. **CHISTES SOBRE BOTS**
4. **TRACERY + CHEAP BOTS, DONE QUICK!**
5. **MÁS CHISTES SOBRE BOTS**
6. **BREVE PAUSA**
7. **CHISTES SOBRE BOTS** (*pero diferentes de los anteriores*)

1. **GUIÓN DEL TALLER** (*qué meta*)
2. **BOTS**
3. **CHISTES SOBRE BOTS**
4. **TRACERY + CHEAP BOTS, DONE QUICK!**
5. **MÁS CHISTES SOBRE BOTS**
6. **BREVE PAUSA**
7. **CHISTES SOBRE BOTS** (*pero diferentes de los anteriores*)
8. **DIY!**

1. **GUIÓN DEL TALLER** (*qué meta*)
2. **BOTS**
3. **CHISTES SOBRE BOTS**
4. **TRACERY + CHEAP BOTS, DONE QUICK!**
5. **MÁS CHISTES SOBRE BOTS**
6. **BREVE PAUSA**
7. **CHISTES SOBRE BOTS** (*pero diferentes de los anteriores*)
8. **DIY!**
9. **BOTS EN OTRAS PLATAFORMAS**

1. **GUIÓN DEL TALLER** (*qué meta*)
2. **BOTS**
3. **CHISTES SOBRE BOTS**
4. **TRACERY + CHEAP BOTS, DONE QUICK!**
5. **MÁS CHISTES SOBRE BOTS**
6. **BREVE PAUSA**
7. **CHISTES SOBRE BOTS** (*pero diferentes de los anteriores*)
8. **DIY!**
9. **BOTS EN OTRAS PLATAFORMAS**
10. **PALABRAS FINALES DE DESPEDIDA**

1. **GUIÓN DEL TALLER** (*qué meta*)
2. **BOTS**
3. **CHISTES SOBRE BOTS**
4. **TRACERY + CHEAP BOTS, DONE QUICK!**
5. **MÁS CHISTES SOBRE BOTS**
6. **BREVE PAUSA**
7. **CHISTES SOBRE BOTS** (*pero diferentes de los anteriores*)
8. **DIY!**
9. **BOTS EN OTRAS PLATAFORMAS**
10. **PALABRAS FINALES DE DESPEDIDA** (*y más chistes sobre bots*)

[github.com/javierarce/taller-botanico](https://github.com/javierarce/taller-botanico)

**BOT**

- Web crawler/Web spider
- Internet bot
- Chat bot
- Social bots
- Twitterbot
- Zombie computer (→ botnet)
- Internet Relay Chat bot
- Video game bot

# ETIQUETA

- Don't @mention people who haven't opted in
- Don't follow Twitter users who haven't opted in
- Don't use a pre-existing hashtag
- Don't go over your rate limits

# EJEMPLOS

<https://twitter.com/pentametron>  
<https://twitter.com/YouNeverDidThe>  
<https://twitter.com/everyword>  
[https://twitter.com/butt\\_things](https://twitter.com/butt_things)  
<https://twitter.com/SnowcloneBot>  
[https://twitter.com/dbaker\\_h/lists/artbots](https://twitter.com/dbaker_h/lists/artbots)

[https://twitter.com/bot\\_teleport](https://twitter.com/bot_teleport)  
<https://twitter.com/petitsmotifs>  
<https://twitter.com/emojifart>  
[https://twitter.com/str\\_voyage](https://twitter.com/str_voyage)  
<https://twitter.com/lotsofeyes>

<https://twitter.com/congressedits>  
<https://twitter.com/itsaclock>

<https://twitter.com/sortingbot>

<https://twitter.com/burritopatents>

<https://twitter.com/streetsnsheets>

<https://twitter.com/wikisext>

<https://twitter.com/badjokebot>

**MIS BOTS**

A black and white photograph of a person's face and hands. The person is looking down at a book they are holding. The lighting is dramatic, with strong highlights and shadows.

# I REMEMBER

*<https://twitter.com/irememberbot>*

A classic scene from the movie Mary Poppins. Bert, the chimney sweep, is on the left, wearing his signature striped shirt and straw hat, singing with his eyes closed. Mary Poppins, in her iconic white dress and hat, stands next to him, looking up at him with a smile. They are surrounded by numerous butterflies of various colors (yellow, pink, blue) flying around them in a lush green garden.

# OMG MOVIES!

*[https://twitter.com/omg\\_movies](https://twitter.com/omg_movies)*



# POETICAL TURK

*<https://twitter.com/poeticalturk>*

**TRACERY**

# KATE COMPTON

*@GalaxyKate*

# **GRAMÁTICA LIBRE DE CONTEXTO**

$V \rightarrow w$

regla de producción

$$V \rightarrow w$$

$V \rightarrow w$



símbolo no terminal

símbolo terminal / no terminal

$V \rightarrow w$

$$\begin{array}{l} A \rightarrow a \\ A \rightarrow b \end{array}$$

$$A \rightarrow a | b$$

$$A \rightarrow a \mid b \mid AA \mid Ax$$

$$A \rightarrow a \mid b \mid AA \mid Ax$$

*a, b, ab, bx, aaabx*

$$S \rightarrow x \mid y \mid z \mid S + S \mid S - S \mid S \cdot S \mid S / S \mid (S)$$

$$S \rightarrow x \mid y \mid z \mid S + S \mid S - S \mid S \cdot S \mid S / S \mid (S)$$
$$(x + y)$$

$$S \rightarrow x \mid y \mid z \mid S + S \mid S - S \mid S \cdot S \mid S / S \mid (S)$$

**Z**

$$S \rightarrow x \mid y \mid z \mid S + S \mid S - S \mid S \cdot S \mid S / S \mid (S)$$
$$(x + y) \cdot x - z \cdot y / (x + x)$$

**TRACERY**

# LIMITACIONES

- No es posible dar *likes* o retuitear.
- No es posible seguir / dejar de seguir.
- Es posible responder, pero no usar parte del mensaje en la respuesta.
- Todo el texto ha de existir de antemano  
(aunque es posible usar javascript en los SVGs!)

# GRAMÁTICAS

```
{
```

```
  "animal": ["unicorn", "raven", "sparrow"]
```

```
}
```

```
{
```

```
  "animal": ["unicorn", "raven", "sparrow"]
```

```
}
```

```
→ raven
```

```
→ sparrow
```

```
→ unicorn
```

# ANIDAMIENTO

```
{
```

```
  "animal": ["unicorn", "raven", "sparrow"]
```

```
}
```

```
{
```

```
  "animal": ["unicorn", "raven", "sparrow"],  
  "color": ["orange", "blue", "white"]
```

```
}
```

TRACERY

```
{  
  "animal": ["unicorn", "raven", "sparrow"],  
  "color": ["orange", "blue", "white"],  
  "sentence": ["The #color# #animal# is happy"]  
}
```

```
{  
  "animal": ["unicorn", "raven", "sparrow"],  
  "color  "sentence": ["The #color# #animal# is happy"]  
}
```

```
{  
  "animal": ["unicorn", "raven", "sparrow"],  
  "color": ["orange", "blue", "white"],  
  "sentence": ["The #color# #animal# is happy"]  
}
```

```
{  
  "animal": ["unicorn", "raven", "sparrow"],  
  "color": ["orange", "blue", "white"],  
  "sentence": ["The #color# #animal# is happy"]  
}
```

- The blue sparrow is happy
- The orange raven is happy
- The orange unicorn is happy

# JSON

# **J**ava**S**cript **O**bject **N**otation

{

  "key": "value"

}

JSON

```
{  
    "key": "value",  
    "anotherKey": "value",  
    "anotherKey": "value"  
}
```

JSON

```
{  
  "key": "value",  
  "anotherKey": "value",  
  "anotherKey": "value"  
}
```

JSON

```
{  
  "key": [1, "two", 3, "four"]  
}
```

JSON

```
{  
  "key": [1, "two", 3, "four"]  
}
```

JSON

# MODIFICADORES

**#symbol.modifier#**

**MODIFICADORES**

.capitalize

{

```
"objects": ["watch", "bike", "book"],  
"origin": "#objects.capitalize#"
```

}

```
→ Watch  
→ Bike  
→ Book
```

MODIFICADORES

.capitalizeAll

{

  "objects": ["watch", "bike", "book"],

  "origin": "#objects.capitalizeAll#"

}

→ BIKE

→ BOOK

→ WATCH

MODIFICADORES

.s

{

"objects": ["watch", "bike", "book"],

"origin": "#objects.s#"

}

→ watches  
→ books  
→ bikes

MODIFICADORES

.a

{

```
"objects": ["book", "amplifier", "harp"],  
"origin": "#objects.a#"
```

}

→ a book  
→ an amplifier  
→ a harp 😞

MODIFICADORES

.ed

{

"verbs": ["bounce", "walk", "buy"],

"origin": "#objects.ed#"

}

→ bounced

→ walked

→ buyd 😞

MODIFICADORES

.replace(x,y)

{

```
"objects": ["his watch", "his bike"],  
"origin": "#objects.replace(his, her)#{"
```

}

→ her car  
→ her bike

MODIFICADORES

# MEMORIA

```
    "objects": ["watch", "bike", "book"],  
    "story": ["I want #objects.a#", ok? #objects.a#!"],  
    "origin": ["#story#"]
```

```
}
```

```
→ I want a book, ok? a bike!  
→ I want a watch, ok? a bike!
```

```
{
```

```
  "objects": ["watch", "bike", "book"] ,  
  "story": ["I want #object.a#{, ok? #object.a#!}" ] ,  
  "origin": ["#story#{"]
```

```
}
```

```
{
```

```
  "objects": ["watch", "bike", "book"],  
  "story": ["I want #object.a#, ok? #object.a#!"],  
  "origin": ["#[object:#objects#]story#"]
```

```
}
```

```
{
```

```
  "name": ["Fox", "Jedoo"],  
  "story": ["##hero## was ##occupation.a##. One day ##pronoun## ##action##."],  
  "setPronoun": "[[pronoun:she]", "[pronoun:he]"],  
  "setOccupation": ["[occupation:baker][action:baked, decorated  
cupcakes, iced a cake]", "[occupation:warrior][action:fought a monster,  
saved a village]"],  
  "origin": ["#[#setOccupation#][#setPronoun#][hero:#name#]story#"]  
}
```

- Fox was a baker. One day he decorated cupcakes.
- Jedoo was a warrior. One day she saved a village.
- Jedoo was a warrior. One day she fought a monster.

```
{  
  "name": ["Fox", "Jedoo"],  
  "story": ["##hero## was ##occupation.a##. One day ##pronoun## ##action##."],  
  "setPronoun": ["[pronoun:she]", "[pronoun:he]"],  
  "setOccupationcupcakes, iced a cake]", "[occupation:warrior][action:fought a monster,  
saved a village"]],  
  "origin": ["###[#setOccupation##] [##setPronoun##] [hero:#name##] story##"]  
}
```

- Fox was a baker. One day he decorated cupcakes.
- Jedoo was a warrior. One day she saved a village.
- Jedoo was a warrior. One day she fought a monster.

```
{  
  "name": ["Fox", "Jedoo"],  
  "story": ["#hero#{ was #occupation.a#. One day #pronoun#{ #action#. }"],  
  "setPronoun": ["[pronoun:she]", "[pronoun:he]"],  
  "setOccupation": ["[occupation:baker][action:baked, decorated  
cupcakes, iced a cake]", "[occupation:warrior][action:fought a monster,  
saved a village]"],  
  "origin": ["#[#setOccupation#][#setPronoun#][hero:#name#]story#"]  
}
```

- Fox was a baker. One day he decorated cupcakes.
- Jedoo was a warrior. One day she saved a village.
- Jedoo was a warrior. One day she fought a monster.

**SVG**

**S**calable **V**ector **G**raphics

```
{
```

```
"story": "Texto {svg <svg>YOUR SVG CODE</svg>}"
```

```
}
```

**SVG**

```
{
```

```
"story": "Texto {svg <svg xmlns='http://www.w3.org/2000/svg' xmlns:xlink='http://www.w3.org/1999/xlink' width='1024' height='512'></svg>}"
```

```
}
```

SVG



```
{  
  "story": "Texto {svg <svg xmlns='http://www.w3.org/  
  2000/svg' xmlns:xlink='http://www.w3.org/  
  1999/xlink' width='1024' height='512'></  
  svg>}"  
}
```

SVG

```
{
```

```
  "image": ["url", "url2", "url3"],  
  "origin": "{svg <svg xmlns='http://www.w3.org/2000/svg'  
           xmlns:xlink='http://www.w3.org/1999/xlink'  
           width='540' height='380'><image width='540'  
           height='380' xlink:href='#{image}#'/></svg>}"
```

```
}
```

SVG



**Imagen**

```
<image width="540" height="380" xlink:href="URL" />
```

**SVG**

# Texto

```
<text x="256" y="300" font-size="30" stroke="black" stroke-width="1" fill="white" text-anchor="middle" style="font-family: Verdana, sans-serif">Mi texto</text>
```

## Texto

```
<style type="text/css">@import url(https://fonts.googleapis.com/css?family=Roboto);</style>
```

```
<text x="256" y="300" font-size="30" stroke="black" stroke-width="1" fill="white" text-anchor="middle" style="font-family: Roboto">Mi texto</text>
```

# HTML

```
<foreignObject x='0' y='0' width='540' height='380'>
  <p xmlns='http://www.w3.org/1999/xhtml' style='width: 100%;  

color: white; background: black; padding: 20px; margin: 0; font-  

size:24px;'>
    Hola <strong>mundo</strong>
  </p>
</foreignObject>
```

SVG

# JavaScript

```
<foreignObject x='0' y='0' width='540' height='380'>
<div xmlns='http://www.w3.org/1999/xhtml' id='date'></div>
<script>
  document.getElementById('date')[0].innerHTML = new Date();
</script>
</foreignObject>
```

SVG

**DATOS**

- [github.com/dariusk/corpora](https://github.com/dariusk/corpora)
- [en.wikipedia.org/wiki/Special:Random](https://en.wikipedia.org/wiki/Special:Random)
- [github.com/awesomedata/awesome-public-datasets](https://github.com/awesomedata/awesome-public-datasets)
- [github.com/jdorfman/Awesome-JSON-Datasets](https://github.com/jdorfman/Awesome-JSON-Datasets)
- [snowclones.org](http://snowclones.org)

- unsplash-proxy.glitch.me/random/**1024x512?query=???**
- new-yorker-cartoon-url.glitch.me/**image**
- thecatapi.com/api/images/get?format=src&type=jpg
- loremflickr.com
- picsum.photos

[github.com/serin-delaunay/\*\*cheapmarkovstracedquick\*\*](https://github.com/serin-delaunay/cheapmarkovstracedquick)

**CHEAP BOTS, DONE QUICK!**

[cheapbotsdonequick.com](http://cheapbotsdonequick.com)

**FIN**

**GLITCH**

# GLITCH



- [glitch.com](https://glitch.com)
- [glitch.com/\*\*website-starter-kit\*\*](https://glitch.com/website-starter-kit)

- [glitch.com/~twitterbot](https://glitch.com/~twitterbot)
- [glitch.com/~tracery-twitter-bot](https://glitch.com/~tracery-twitter-bot)