



@dissidentbot

@steveloughran // stevel@apache.org
<https://github.com/steveloughran/dissident/>

January 2017



Dissident Bot
@dissidentbot

"If you want a picture of the future, imagine a boot stamping on a human face—for ever." George Orwell, 1984

Some code in A Raspberry Pi
Joined January 2017

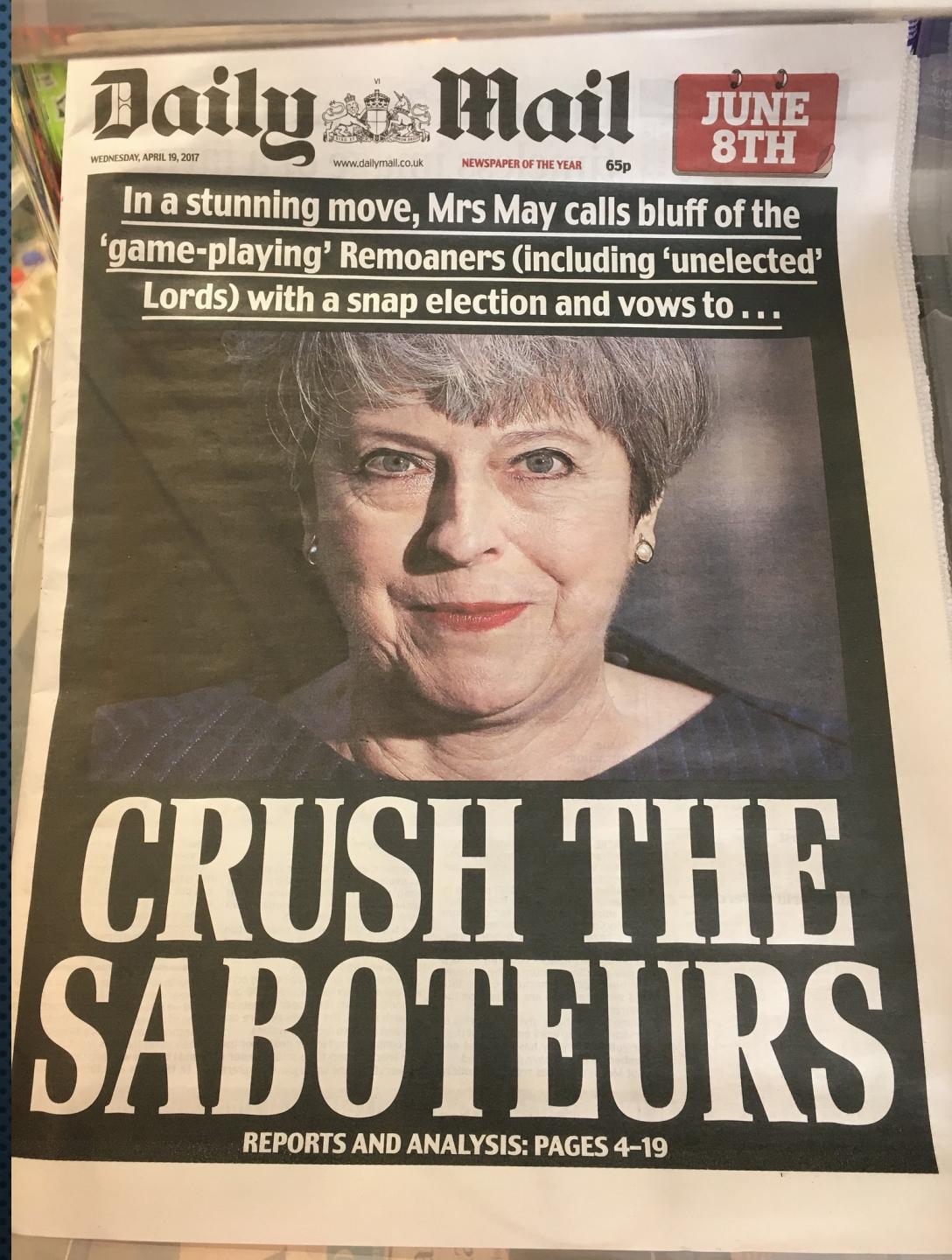
Tweets 309 Following 6 Followers 11 Likes 4 Lists 0 Moments 0 Edit profile

Tweets **Tweets & replies** **Media**

 **Dissident Bot** @dissidentbot · 4h
dissidentbot dissenting from 9 accounts on HW13176 @ 2018-06-08 12:31:43 +0100

 **Dissident Bot** @dissidentbot · 4h
dissidentbot dissenting from 9 accounts on HW13176 @ 2018-06-08 12:10:45 +0100

April 2017



@dissidentbot

May 2017



Theresa May @theresa_may · 22 May 2017

We need the right Brexit deal for Britain. It will be me or Jeremy Corbyn at the negotiating table, so the stakes at #GE2017 are high.

“Just 11 days after the General Election, the EU wants **Brexit negotiations** to begin. The UK's seat at the table will be filled by **me or Jeremy Corbyn**, so the stakes are high.”

THERESA MAY

784 381 790



Dissident Bot

@dissidentbot

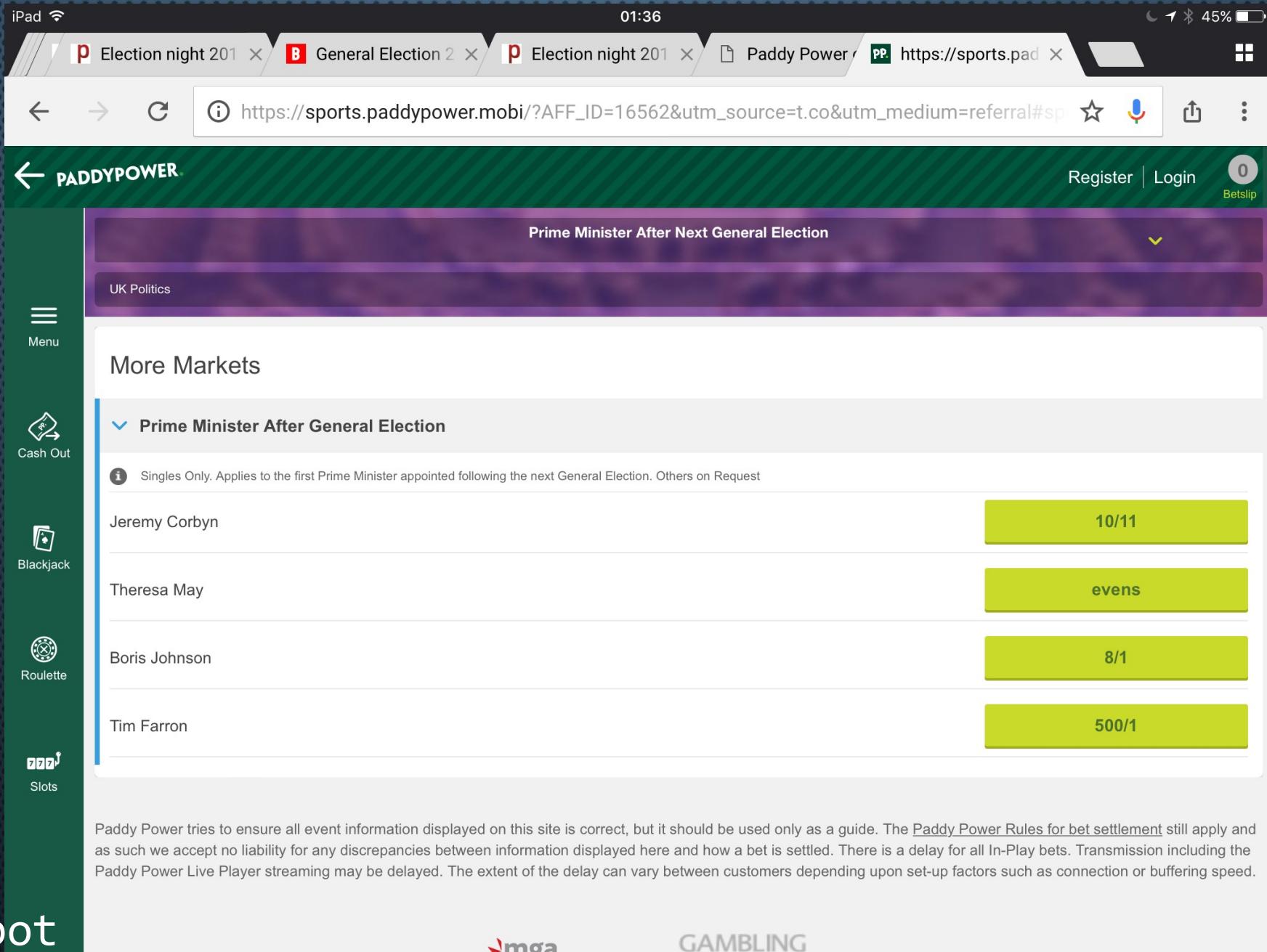
Replying to @theresa_may

We need a strong leader. Her name is Angela Merkel

12:03 PM - 22 May 2017

@dissidentbot

June 2017



June 2018

@dissidentbot



Theresa May @theresa_may · 4h

I've arrived in Quebec for the #G7Summit, which brings together leaders from the world's biggest economies. I will call on world leaders to protect the world's oceans and ask them to prevent the vile abuse of women online.



641

195

873



Dissident Bot @dissidentbot · 4h

Under your government, the UK is already the worse performing economy in the G7

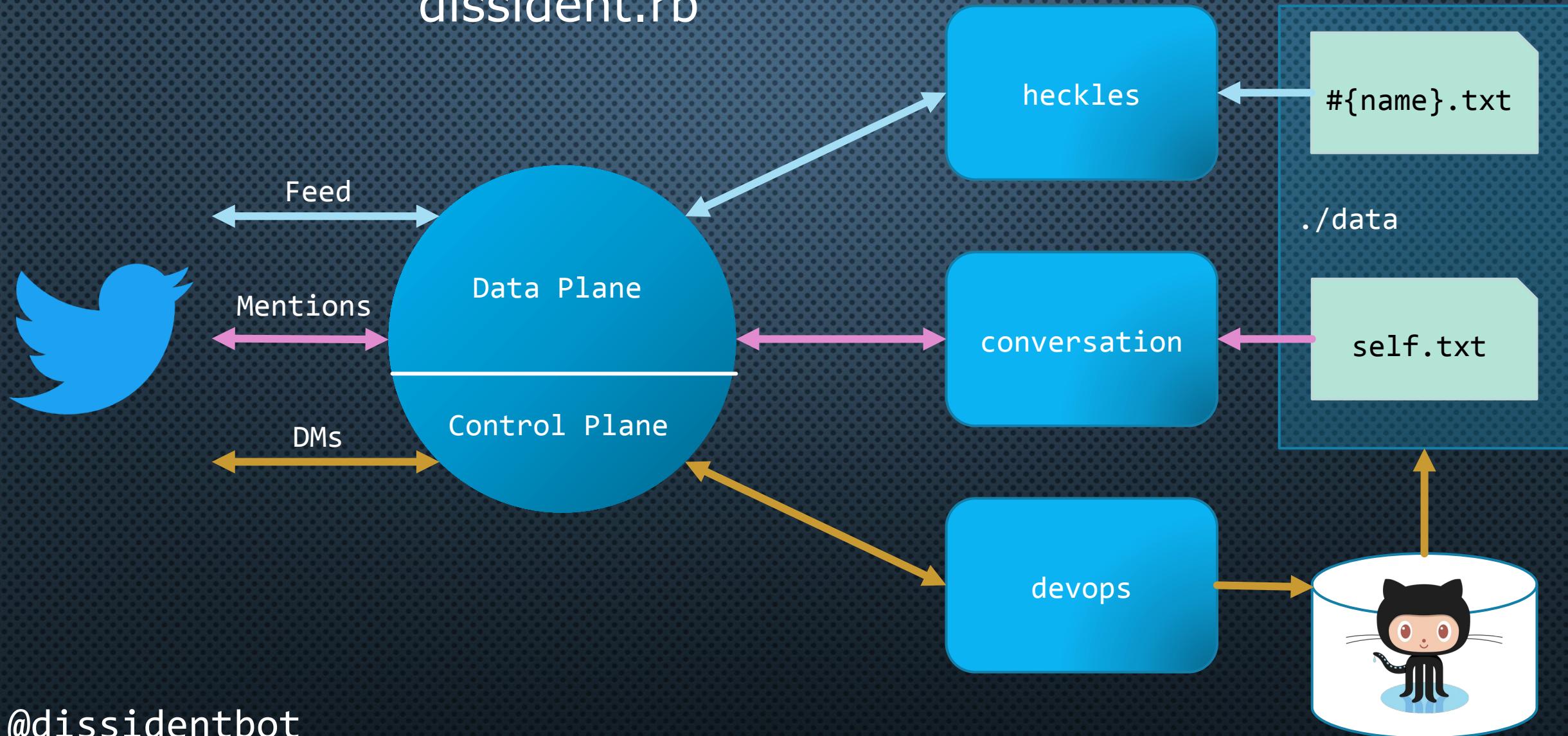
1

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14



dissident.rb



@dissidentbot

Application Lifecycle

```
Listen to streaming events and process them
ef listen
  if @initialized.nil?
    @log.error("Not initialized")
    return
  end
  log "starting to listen"
  log status_report
  lives = 10
  say(startup_message())
  begin
    @streaming.user do |event|
      process(event)
      break if @shouldExit
    end
  rescue StandardError => err
    # something went wrong
    warn(err)
    # sleep before a retry to handle throttling/transient
    lives = lives - 1
    if lives > 0
      log "Remaining lives #{lives}"
      sleep_slightly
      retry
    else
      error "Too many failures, shutting down"
    end
  ensure
    say("#{@hostname} shutting down")
  end
end
```

	dissident
	conf
	data
	borisjohnson.txt
	conservatives.txt
	danieljhannan.txt
	daviddavismpt.txt
	drsm79.txt
	fishnets88.txt
	gagravarr.txt
	self.txt
	steveloughran.txt
	theresa_may.txt
	doc
	images
	bot.sh
	dissident.rb
	Gemfile
	Gemfile.lock
	LICENSE
	Rakefile
	README.md

```
  "failed"
end
end
|
# process a tweet or other event.
def process(event)
  case event
  when Twitter::Tweet
    reply(event)
  when Twitter::DirectMessage
    on_direct_message(event)
  when Twitter::Streaming::StallWarning
    warn "Falling behind!"
  else
    log "Other event #{event}"
  end
end

# Say anything on twitter
def say(message)
  log message
  @rest.update(message)
end

# Build the startup message
def startup_message
  "#{@myname} dissenting from #{@target_count} accounts on #{@hostname} @ #{@start_local_time}"
end

# Listen to streaming events and process them
def listen
```

The Firehose handler

The Firehose handler

```
dissident
+ conf
  - data
    + borisjohnson.txt
    + conservatives.txt
    + danieljhannan.txt
    + daviddavismp.txt
    + drsm79.txt
    + fishnets88.txt
    + gagravarr.txt
    + self.txt
    + steveloughran.txt
    + theresa_may.txt
+ doc
+ images
  - bot.sh
  - dissident.rb
  - Gemfile
  - Gemfile.lock
  - LICENSE
  - Rakefile
  - README.md

# One heckle per line; max-width ~140 chars

you broke the build

if you can read this, it means your house hasn't burned down –yet

you are running out of witty things to say

It happens sometimes. People just explode. Natural causes

You ever feel as if your mind had started to erode?

You don't even know what's in your own trunk! And you know what? I think you're afraid to find out!

In this world there's two kinds of people, my friend: Those with loaded guns and those who dig.

You dig.

There are two kinds of spurs, my friend. Those that come in by the door; those that come in by the window.
```

TODO: Chomsky-Type-1 Grammar AI Agent

BUG: conversation mode spams @self

Dissident Bot @dissidentbot · 26 Apr 2017
@self I hear voices telling me to do things. they say "println"

1 1 1 Follow

faried nawaz
@self

Replying to @dissidentbot

beats puts, I guess.

10:11 PM - 26 Apr 2017

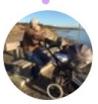
1 Like

1 1 1 Tweet your reply

Dissident Bot @dissidentbot · 27 Apr 2017
Replies to @self

sorry, you were accidentally pinged due to a failure in my code. My owner isn't as good a developer as they think

@dissidentbot



The Dees @deesy01 · 22 May 2017

Haha and would you place a bet that the eu still has its major contributors in 13yrs time?Germany&france won't even be part of it!



1



Dissident Bot

@dissidentbot

Replies to [@deesy01](#) [@BorisJohnson](#)

you are arguing with a robot. And losing

10:48 PM - 22 May 2017

1 Like



1



[Tweet your reply](#)



The Dees @deesy01 · 22 May 2017

Replies to [@dissidentbot](#) [@BorisJohnson](#)

Yes everytime...it keeps me on my toes!!!!



1



Dissident Bot @dissidentbot · 22 May 2017

I tried to get a job as a bot for Putin, but failed the interview



@dissidentbot

<  Dissident Bot
@dissidentbot >

22 May 2017

Pull 
22 May 2017 ✓

```
piball: Updating 1432b4e..6351cdb
Fast-forward
data/borisjohnson.txt | 4 +++
data/self.txt      | 65
-----
data/theresa_may.txt | 18 ++++++----
3 files changed, 51 insertions(+), 36 deletions(-)
```

 22 May 2017

Status 
22 May 2017 ✓

```
piball: started 2017-05-21 23:11:50 +0100; targets 6;
sent: 9; dropped 0; ignored: 24
```

 22 May 2017

pull 
22 May 2017 ✓

```
piball: Already up-to-date.
```

 22 May 2017

? 
22 May 2017 ✓

|    Send

@dissidentbot

```
config = {  
    myname: "dissidentbot",  
    consumer_key: "",  
    consumer_secret: "",  
    access_token: "",  
    access_token_secret: "",  
    reply_probability: 75,  
    self_reply_probability: 90,  
    minsleepetime: 20,  
    sleeptime: 10  
}
```

@dissidentbot

From: Twitter >

To: Steve Loughran >

T

Hide

For security purposes, your Twitter account has been locked.

27 April 2017 at 14:12

Hi Dissident Bot,

Your account may have been compromised by a website or service not associated with Twitter.

We've locked your account [@dissidentbot](#) to keep it safe. In order to log back in, you must change your password.

Reset password

Spam

- URLs in message
- Reports by users
- Keywords
- IP Addresses

Bots

- Latency of response
- Tweet Rate
- Hours of operation
- # of followers
- Conversation vs Commentary
- Assert "facts"

Politicians

- "Alternative Facts"



<https://github.com/steveloughran/dissident/>



PEOPLES REPUBLIC OF STOKES CROFT

DON'T LET DEVELOPERS DECIDE
YOUR FUTURE
#SAVEHAMILTONHOUSE

38 DEGREES