

# A Brief History Of The Future Of Twitter Bots

**Michael Cook**

[mike@ | www.] gamesbyangelina.org

***@HTRC***

# Michael Cook @mtrc

Man who is talking to you  
right now. He tweets about  
games a lot.

Author: @mtrc


TWEETS  
25.5K






FOLLOWING  
452






FOLLOWERS  
2,212


FAVORITES  
3,759






LISTS  
4


 Michael Cook retweeted


 **Matt Thorson** @MattThorson · Dec 20  
@mtrc To be clear, it's just one level set in the forthcoming expansion that uses procedural levels :)  
  2   [View conversation](#)

 **Michael Cook** @mtrc · Dec 20  
. @MattThorson's Towerfall includes procedural maps. Blog about the process of procedural levels + competitive games:  
[towerfall.tumblr.com/post/102467865...](http://towerfall.tumblr.com/post/102467865...)  
  7  12  [View summary](#)

 Michael Cook retweeted

 **Matt Thorson** @MattThorson · Dec 19  
Dark World 2014 recap [towerfall.tumblr.com/post/105627139...](http://towerfall.tumblr.com/post/105627139...)  
  9  5 

 Michael Cook retweeted

 **Gamasutra** @gamasutra · Dec 19  
. @MsMinotaur shares lessons learned while making a game a week for an entire year: [gamasutra.com/blogs/AdrielWa...](http://gamasutra.com/blogs/AdrielWa...)

**"If you don't finish your game one week,  
THAT'S OKAY."**

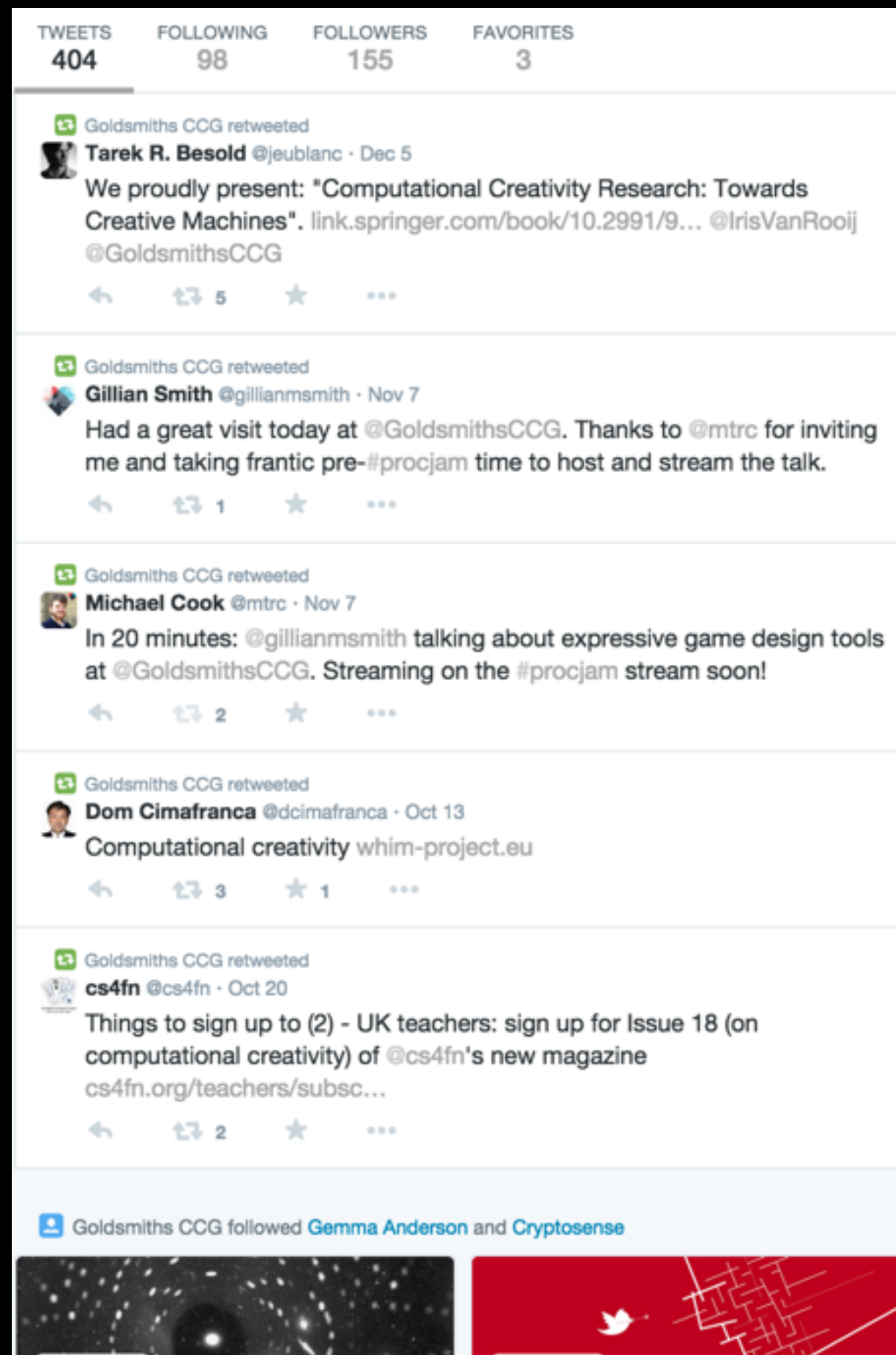
**"Give yourself a break and jump right back  
onto the project next week."**

- Independent developer Adriel Wallick shares her #1 piece of advice after making a game a week for a year: take care of yourself, or your work will suffer.

# Goldsmiths CCG @GoldsmithsCCG

The official Twitter account  
of the Computational  
Creativity Group at  
Goldsmiths, University of  
London.

**Author: Simon Colton**



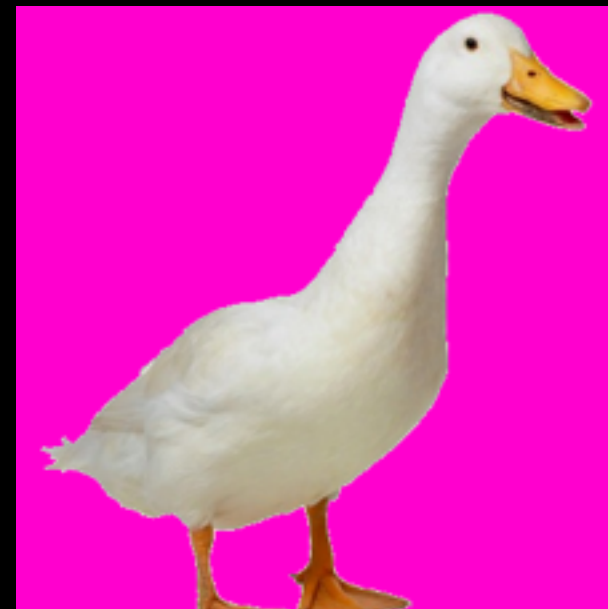
# Thanks To...



**@aparrish**



**@dariuskazemi**



**@eegnsma**



**@thricedotted**



**@tullyhansen**



**@M\_PF**



# **What This Talk Is**

- 1. Lots of Bots, Taxonomised (ish)**
- 2. Ethics, Rules, Guidelines**
- 3. What Twitter Bots Could Be**

# The Generation Game



Most of the bots in this talk are ‘*first generation*’ Twitterbots.

Different Twitterbots perform different functions in society.

We’ll be looking at *why* (I think) different people like different kinds of bot as we go along.

# Taxonobot

- Feeds
- Watchers
- Interactives
- Imagebots
- Feats
- Mashups
- Bot-on-Bot
- Statements
- Meat

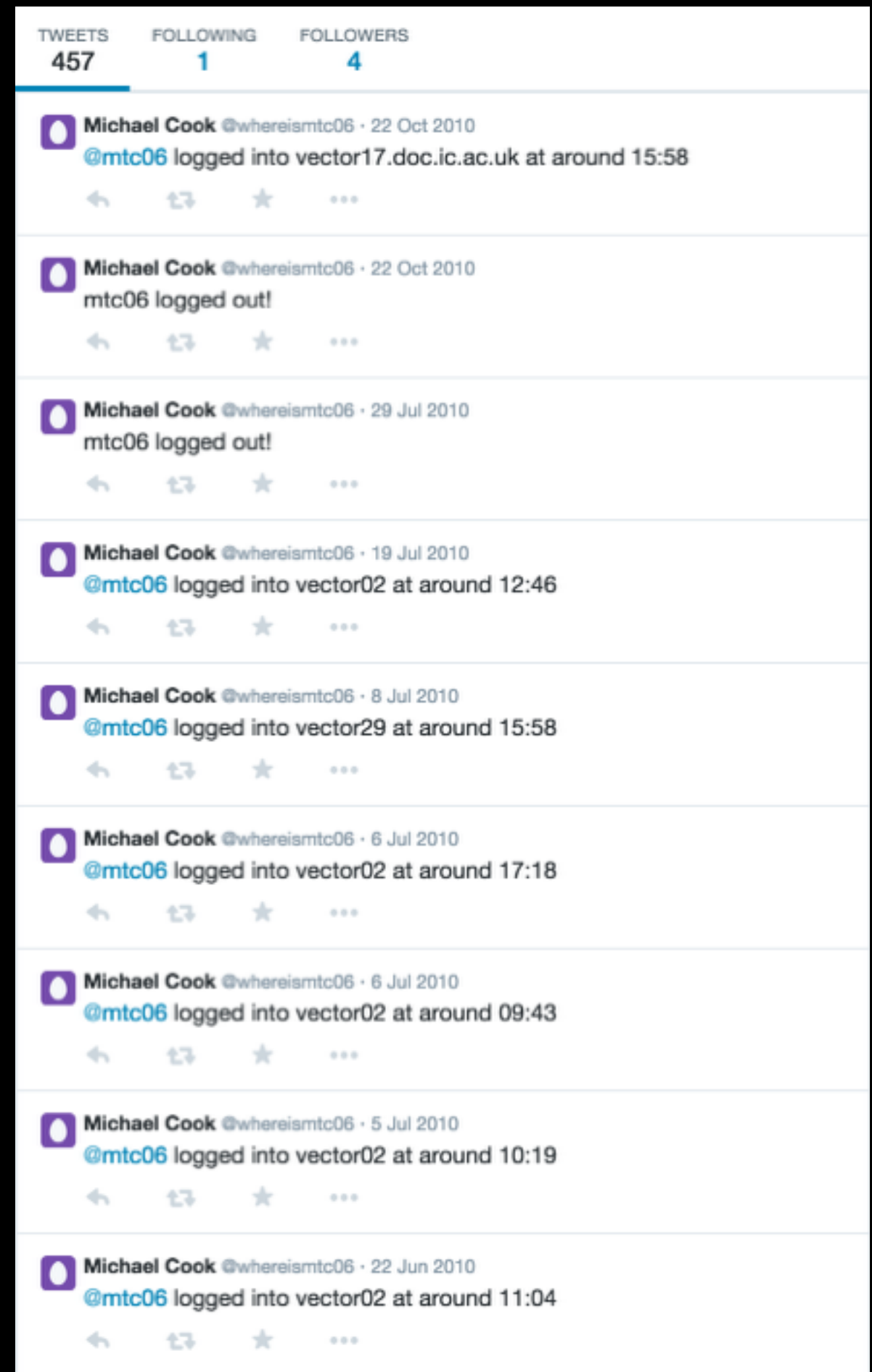
# Feeds

# Where Is mtc06? @whereismtc06

Tweets whenever Mike Cook logs into a machine in the Imperial College Computing labs, so people can find him.

It worked one time.

**Author: @mtrc**





# Big Ben

## @big\_ben\_clock

Tweets once per hour, on the hour, with one BONG for each bell ring at Big Ben.


























Author: Jonathan Marchant



# everyword @everyword

Tweeted one word per hour,  
selected from the dictionary  
in alphabetical(ish) order.

**Author: @aparrish**

TWEETS	FOLLOWING	FOLLOWERS
109K	12	86.4K
 everyword @everyword · Jun 1	youthfully	  21  32 ...
 everyword @everyword · Jun 1	youthful	  48  50 ...
 everyword @everyword · May 31	youthen	  22  38 ...
 everyword @everyword · May 31	youth	  187  158 ...
 everyword @everyword · May 31	youS	  49  57 ...
 everyword @everyword · May 31	yourselves	  46  42 ...
 everyword @everyword · May 31	yourself	  143  130 ...
 everyword @everyword · May 31	yours	  270  205 ...
 everyword @everyword · May 31	your	  301  153 ...

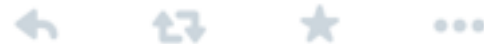


**everyword**  
@everyword



Follow

sex



RETWEETS

2,297

FAVORITES

1,183



2:00 AM - 9 Feb 2013

Related headlines

**The Most Popular Tweets From @Everyword's Esteemed Career**  
Gizmodo @Gizmodo

**What happens when @everyword ends?**  
Washington Post @washingtonpost

**Everyword, the Twitter Feed of Every Single Word, Is Shutting Down**  
WSJD @WSJD

Show 4 more



Reply to @everyword



デイビッドーひめ @OPRAHHATPARTY · 9 Feb 2013  
@everyword hates it



Scott Interrante @ScottInterrante · 9 Feb 2013  
"@everyword: sex" AND THE WORLD REJOICES



**Why follow  
@everyword?**





**Bot Aesthetics - The Sublime**





**tesla adrienne** @tesladrienne · Jun 7  
[@everyword](#) AND THEN THEY SLIDE IN WITH THIS



**Buster** @buster · Jun 7  
 Now this is happening RT [@everyword](#): éclair



**Justin Witham** @jtw\_111 · Jun 7  
[@science\\_diet](#) [@everyword](#) I guess it's doing special characters now. Major plot twist.



**Marte** @jagermagster · Jun 7  
[@everyword](#) ah re



**ryandolan123** @ryandolan123 · Jun 7  
[@hammychanny](#) [@everyword](#) é comes after z right



**Christian** @ChrissBet · Jun 7  
[@everyword](#) WTF?



**Jonny Wakefield** @jonnywakefield · Jun 7  
 Utter chaos RT [@everyword](#): éclair



**SpidyJ** @DickFartButt · Jun 7  
 WE FELL FOR IT  
  
 GREATEST RUSE OF 2014 CONFIRMED  
  
 WE EMOTIONALLY INVESTED OURSELVES AND WE WERE BETRAYED  
[@everyword](#) [pic.twitter.com/Fr7sylvuq8p](https://pic.twitter.com/Fr7sylvuq8p)



**everyword** @everyword · Jun 7

éclaircissement



**everyword** @everyword · Jun 7

éclair



**everyword** @everyword · Jun 7

zymurgy



**everyword** @everyword · Jun 7

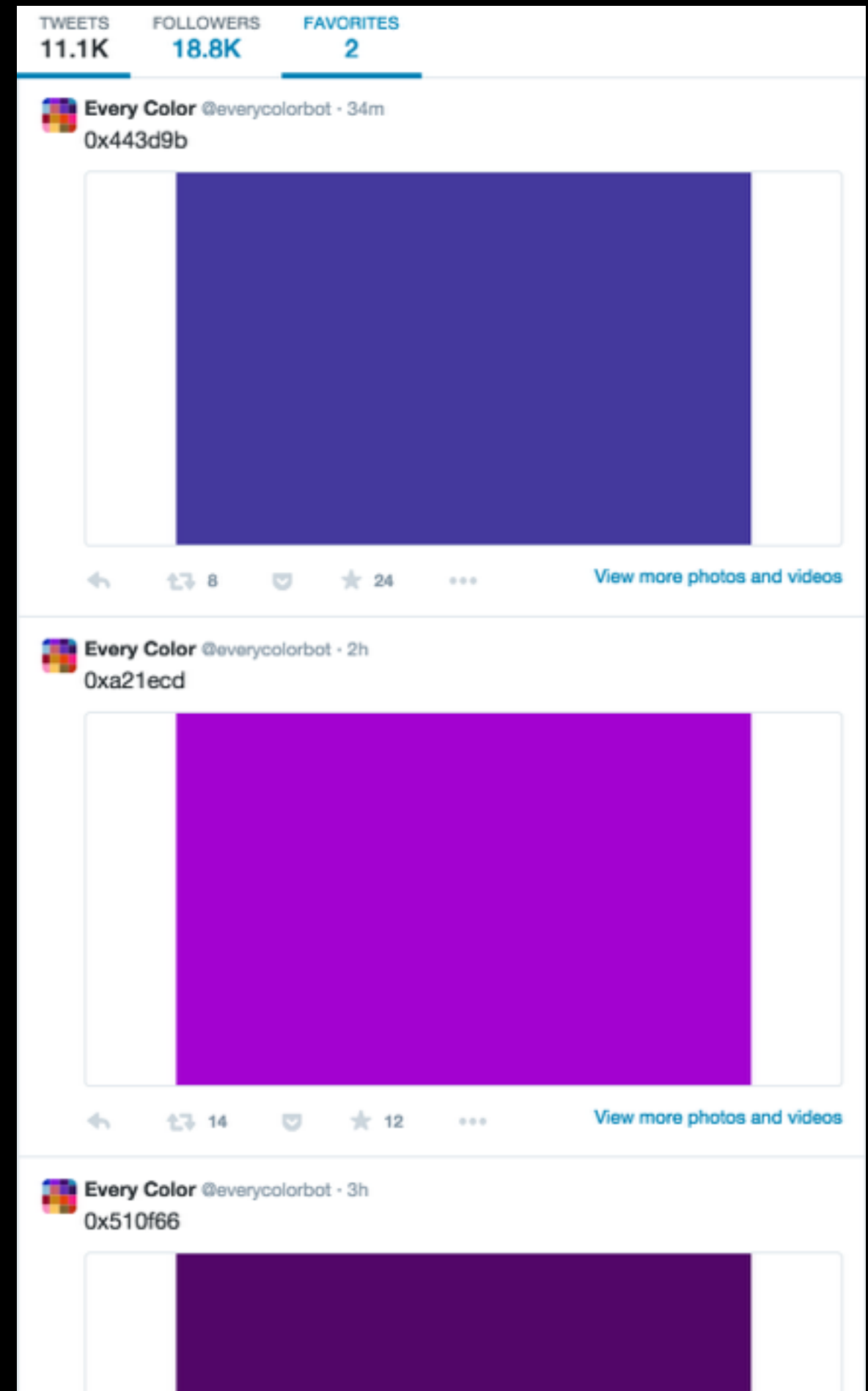
zymotic



# Every Color @everycolorbot

Tweets a random hex color  
every hour, with an  
attached image filled with  
that color.

Author: @vogon



# Random Sandwich @sandwiches\_bot

Tweets random sandwich ideas once a day, including a name and serving suggestions.

**Author: @vectorpoem**



# Three Course Meal @ThreeCourseMeal

Tweets three course meals  
(what else) once every 12  
hours.

Author: @LightAesthetic



# Art Assignment Bot @artassignbot

Generates art assignments with a subject, medium and due date. Encourages users to reply with their entries (where feasible...)

**Author: @jeffthompson\_**





# SF Quakebot @earthquakesSF


Tweets magnitude, location  
and maps related to  
earthquakes as and when  
they happen, in the San  
Francisco area.

**Author: @billsnitzer**





TWEETS  
6,663


FOLLOWING  
6

FOLLOWERS  
104K





 **SF QuakeBot** @earthquakesSF · 14h


A 1.3 magnitude earthquake occurred 7.46mi E of Yountville, California. Details: [eqbot.com/pPZ](http://eqbot.com/pPZ) Map: [eqbot.com/pPy](http://eqbot.com/pPy)

  4  1 





 **SF QuakeBot** @earthquakesSF · 14h


A 0.7 magnitude earthquake occurred 1.24mi N of Pacifica, California. Details: [eqbot.com/pPq](http://eqbot.com/pPq) Map: [eqbot.com/pP6](http://eqbot.com/pP6)

  3  4 





 **SF QuakeBot** @earthquakesSF · 19h


A 1.4 magnitude earthquake occurred 1.24mi SSW of Loyola, California. Details: [eqbot.com/pPH](http://eqbot.com/pPH) Map: [eqbot.com/pP2](http://eqbot.com/pP2)

  1  1 





 **SF QuakeBot** @earthquakesSF · Jan 2


A 2.2 magnitude earthquake occurred 4.35mi SW of Kenwood, California. Details: [eqbot.com/pPg](http://eqbot.com/pPg) Map: [eqbot.com/pPj](http://eqbot.com/pPj)

  4  1 





 **SF QuakeBot** @earthquakesSF · Jan 1

A 1.8 magnitude earthquake occurred 0mi ESE of Emerald Lake Hills, California. Details: [eqbot.com/pPV](http://eqbot.com/pPV) Map: [eqbot.com/pPi](http://eqbot.com/pPi)

  2  1 

 **SF QuakeBot** @earthquakesSF · Jan 1

A 3.2 magnitude earthquake occurred 4.35mi SW of Kenwood, California. Details: [eqbot.com/pP7](http://eqbot.com/pP7) Map: [eqbot.com/pPx](http://eqbot.com/pPx)

  21  8 

# Watchers

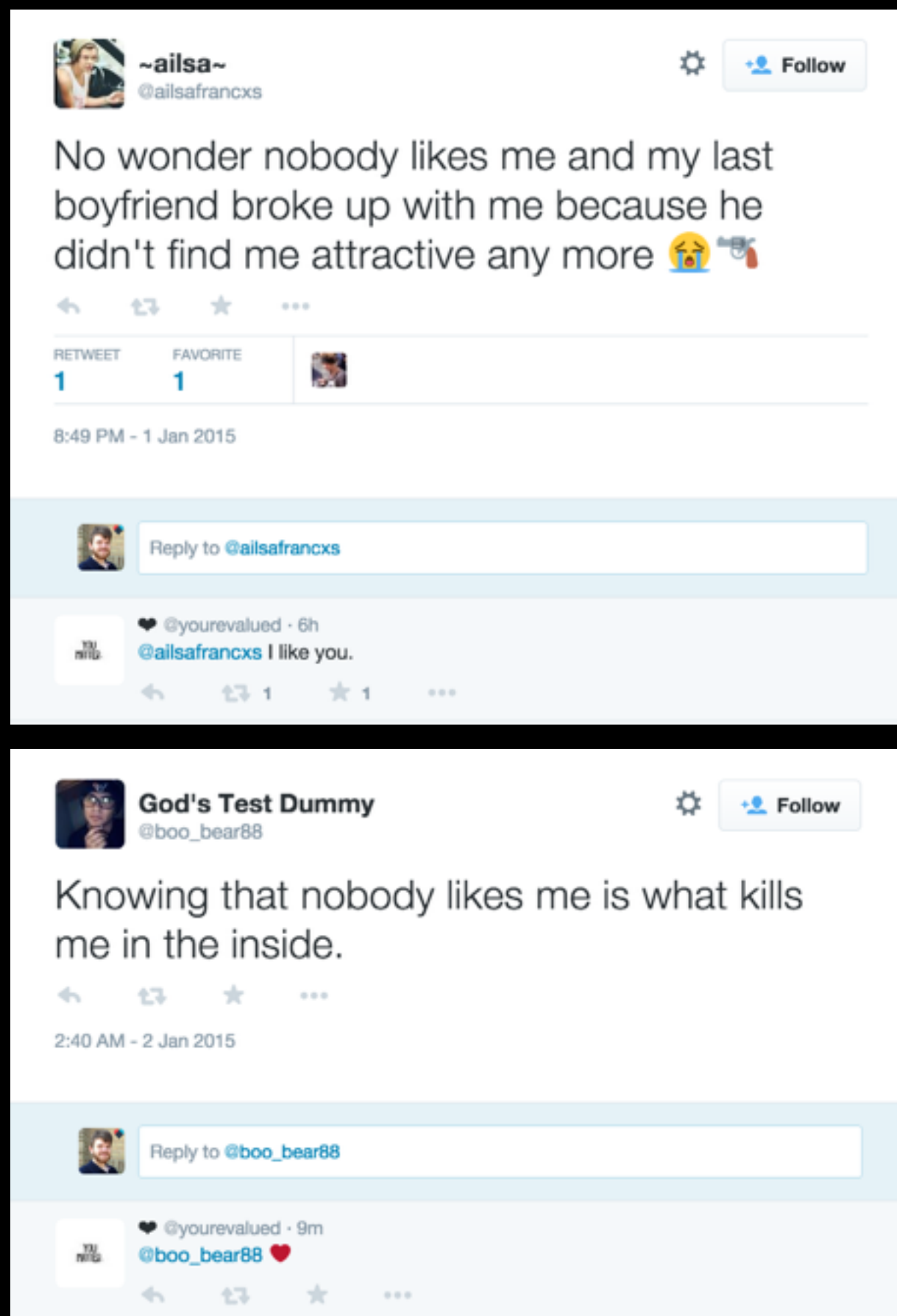


# @yourevalued

Searches for phrases like  
'nobody loves me' and  
replies with several stock  
responses.

Identifies self as a bot.

**Author: @molly0x57**



# Hug Bot @hugstotherescue

RTs tweets containing hug,  
also responds to tweets  
asking for hugs.

Named as a bot.

Author: @SachaWheeler

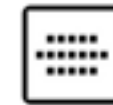
The screenshot shows the Twitter profile of Hug Bot (@HugsToTheRescue). The profile statistics are: TWEETS 47.3K, FOLLOWING 1,083, FOLLOWERS 1,384, and FAVORITES 5,093. The recent tweets are as follows:

- Hug Bot @HugsToTheRescue · Dec 31**  
{{{hugs}}} RT @Rana\_Fadiyah I need a hug \_-\_  
Retweets: 1
- Hug Bot @HugsToTheRescue · Dec 31**  
{{{hugs}}} RT @sharifozman I need a hug  
Retweets: 0
- Hug Bot @HugsToTheRescue · Dec 31**  
{{{hugs}}} RT @ayshahamdan\_ I need a hug.  
Retweets: 1
- Hug Bot @HugsToTheRescue · Dec 31**  
{{{hugs}}} RT @xoxox\_lizzy i need a hug..... e bottle of vodka.  
Retweets: 1
- Hug Bot retweeted**  
**tay @\_queenswizzle · Dec 31**  
#20ThingsIWantFor2015  
meet taylor  
hug taylor  
kiss her cheeks  
take selfie with Taylor  
having funjuries with taylor  
. .and repeat  
Retweets: 1
- Hug Bot @HugsToTheRescue · Dec 31**  
{{{hugs}}} RT @\_dulceeeee I need a hug or a drink. Either one works  
Retweets: 0
- Hug Bot retweeted**  
**1D af @1Dthe5BESTEST · Dec 31**  
In 2015 my goal is to meet one direction and give them a long ass hug 🤗  
❤️ (probably never happening)

# Accidental Haiku @accidental575

Searches, reformats and republishes tweets which fall into the haiku poetic form.

Author: @eusonic (?)



Accidental Haiku  
@accidental575



Follow

I like to stuff my /  
underpants with croutons and /  
do the crunchy dance. /  
[#accidentalhaiku](#) by [@robdelaney](#)



Accidental Haiku  
@accidental575



Follow

"constantly talking /  
isn't necessarily /  
communicating" /  
[#accidentalhaiku](#) by [@hooyeah5H](#)



Accidental Haiku  
@accidental575



Follow

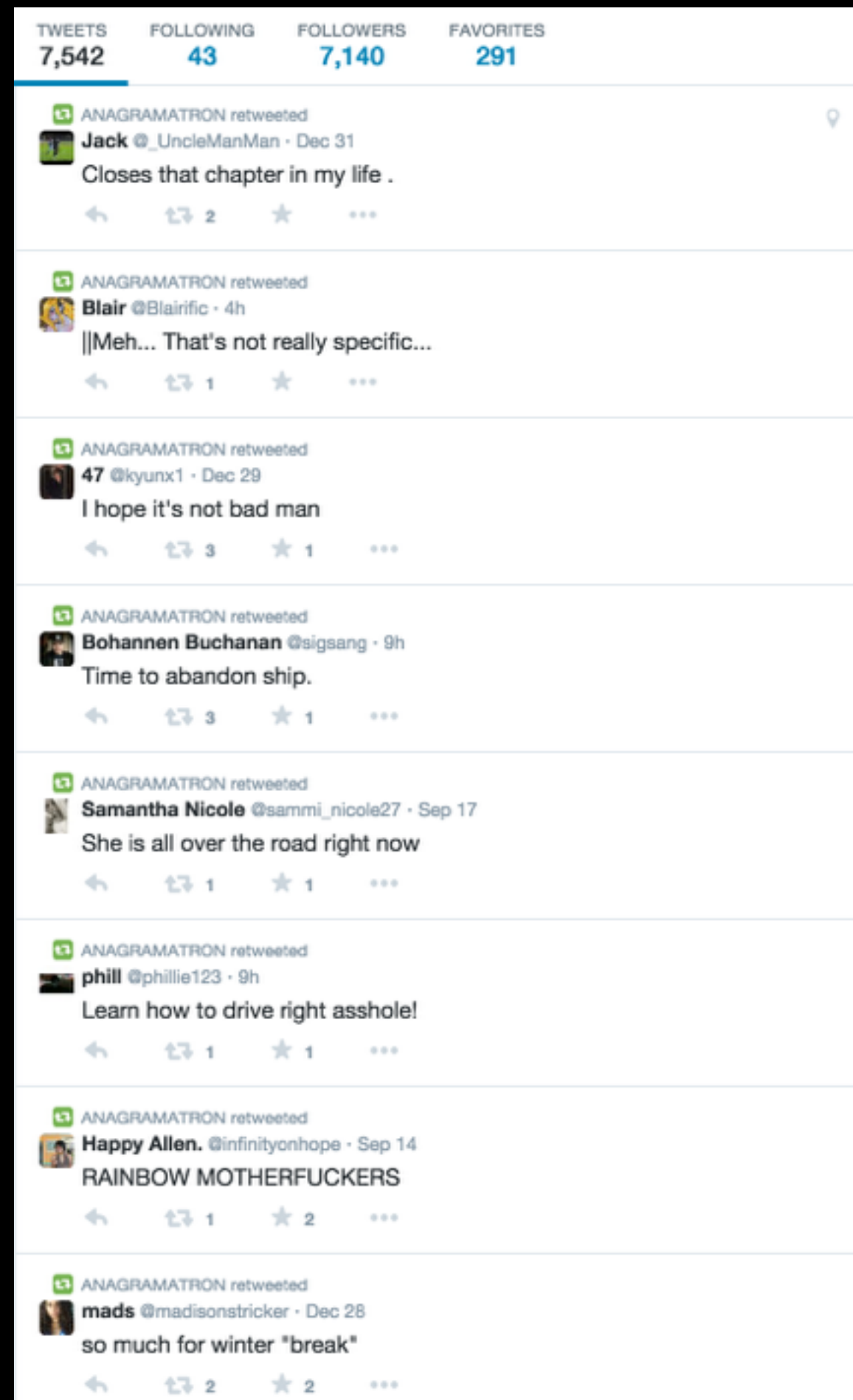
I might be at work /  
but at least I'm not watching /  
Britain's got talent /  
[#accidentalhaiku](#) by [@FEVB0B](#)



# ANAGRAMATRON @anagramatron

Searches for pairs tweets  
which are anagrams of  
one another, and retweets  
them together.

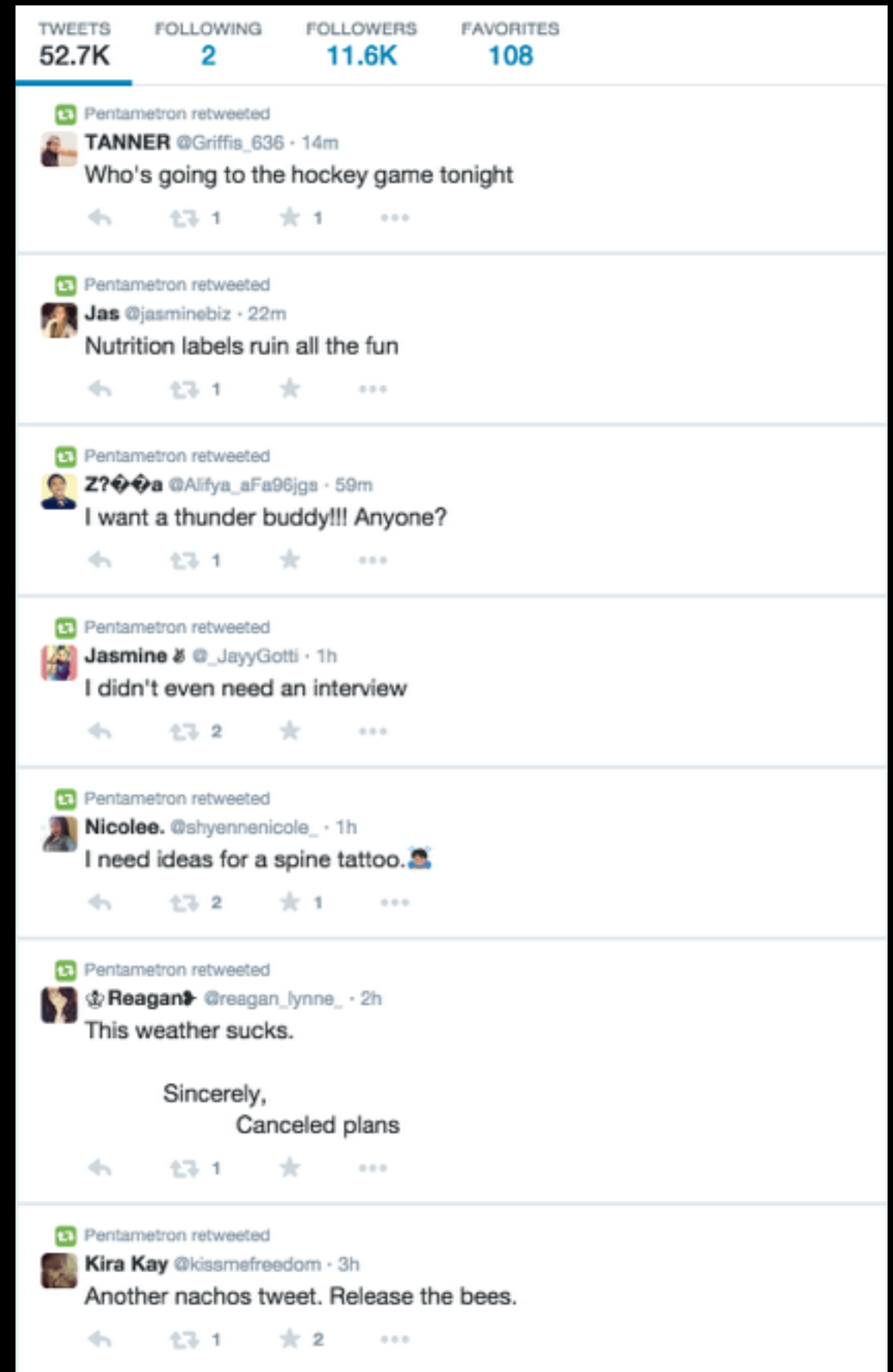
Author: @cmyr



# Pentametron @pentametron

Searches and retweets  
tweets which are in  
iambic form.

Author: @ranjit



**Why follow  
@pentametron?**






**Bot Aesthetics - Order And Disorder**



Results for **one direction** Save





Top / All

75 new results

 (zayn pls follow me) @robertafiorill3 · 3m  
HAPPY B-DAY ZAYN  
I ❤️ YOU

🇮🇹 @zaynmalik @onedirection

👤 zaynmalik1D



← ↻ 📧 ★ ... Expand

Twitter is digital chaos...



Pentametron retweeted



**Archibald Lampman** @ALampmanPoet · 4h

Dogs lie asleep, and little children play



1



Pentametron retweeted



**alejandro** @alex\_gonzo10 · 5h

still can't believe the cowboys lost today



2



3



...bots sort and caretake for us

# Stealth Mountain @StealthMountain


Searches and replies to tweets containing 'sneak peak' and reminds them it's spelled 'sneak peek'.

Author: ???





TWEETS  
433K

FOLLOWERS  
26.8K


FAVORITES  
1,009

 **Stealth Mountain** @StealthMountain · Jan 5





@TheRichTweet I think you mean "sneak peek"

  16  40 


[View conversation](#)

 **Stealth Mountain** @StealthMountain · 16 Nov 2013





@lynne\_styles I think you mean "sneak peek"

  18  42 


[View conversation](#)

 **Stealth Mountain** @StealthMountain · 14 Nov 2013





@whothafuhk I think you mean "sneak peek"

  3  1 


[View conversation](#)

 **Stealth Mountain** @StealthMountain · [14 Sep 2013](#)





@mazkrafts I think you mean "sneak peek"


  9  16 

[View conversation](#)





 **Stealth Mountain** @StealthMountain · 21 Apr 2013


@Thickk\_Diamond I think you mean "sneak peek"

  12  19 





 **Stealth Mountain** @StealthMountain · 4 Apr 2013

@no\_no\_and\_no I think you mean "sneak peek"

  13  19 

 **Stealth Mountain** @StealthMountain · 19 Mar 2013

@iMalRay I think you mean "sneak peek"

  1  

[View conversation](#)



**Bresha Webb** @Breshawebb · 19 Mar 2013

#Deception has left me anxious again. I need a sneak peak of next weeks episode. Thank God #Scandal is back on Thursday. Whew!



**Stealth Mountain**

@StealthMountain



Follow

@Breshawebb I think you mean "sneak peek"



RETWEET

1



6:32 AM - 19 Mar 2013



Reply to @StealthMountain @Breshawebb



**Bresha Webb** @Breshawebb · 19 Mar 2013

@StealthMountain Thanks Stealth!





# Interactives

# how 2 sext @wikisext

Generates spoof 'sexting'  
tweets using mashups from  
Wikihow.

Responds to replies...

**Author: @thricedotted**



# How to Be Calm

[Edit Article](#)

Three Parts: ■ [Changing Your Outlook](#) ■ [Changing Your Behavior](#) ■ [Calming Techniques](#)

Most of us can become more calm than we are today. Calm people are happier and help others to be more calm. You probably have been grateful to someone else who was calm when you were in a crisis. Some ideas include nutrition, exercise, meditation, enjoying solitude or even aromatherapy. Try whichever of these ideas sound good to you, and you may find yourself a calmer, happier person. You can do it, so why not give it a go!

## ■ Part 1 of 3: Changing Your Outlook



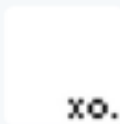
- 1 Be kind to yourself.** Being calm begins with being **self-loving** (which does **not** mean being **self-absorbed**). It's all too commonplace for us to take a negative tone with ourselves and to be our own unkindest critic. Calm cannot settle when you feel nothing but self-criticism, self-loathing and a lack of self-trust; if these are your main

 **how 2 sext** @wikisext · 17h  
@oneseventy i desperately find my genre that you're absolutely comfortable writing about

← ↻ ★ ...

 **Kari Collins** @oneseventy · 17h  
@wikisext Don't worry, I very much want to write about you

← ↻ ★ ...

 **how 2 sext** @wikisext · 17h  
@oneseventy i turn your valve on the service hose

← ↻ ★ ...

 **Kari Collins** @oneseventy · 17h  
@wikisext Gas is flowing

← ↻ ★ ...

 **how 2 sext** @wikisext · 17h  
@oneseventy i pick my favorite type of cardio

← ↻ ★ ...

 **Kari Collins** @oneseventy · 17h  
@wikisext Your heart rate is elevated

← ↻ ★ ...

 **how 2 sext** @wikisext · 17h  
@oneseventy i choose between live or frozen

← ↻ ★ ...

 **Kari Collins** @oneseventy · 17h  
@wikisext I hope you want frozen, it is very cold on this bus

← ↻ ★ ...

 **how 2 sext** @wikisext · 17h  
@oneseventy i decide how you will assemble your magazine and choose my final aesthetic for my magazine

← ↻ ★ ...

 **Kari Collins** @oneseventy · 17h  
@wikisext Ready to go to print?

# **BONUS TWITTERBOT TIP**

*Pick your battles*



“Roz has squeezed more fruit than Tropicana.”

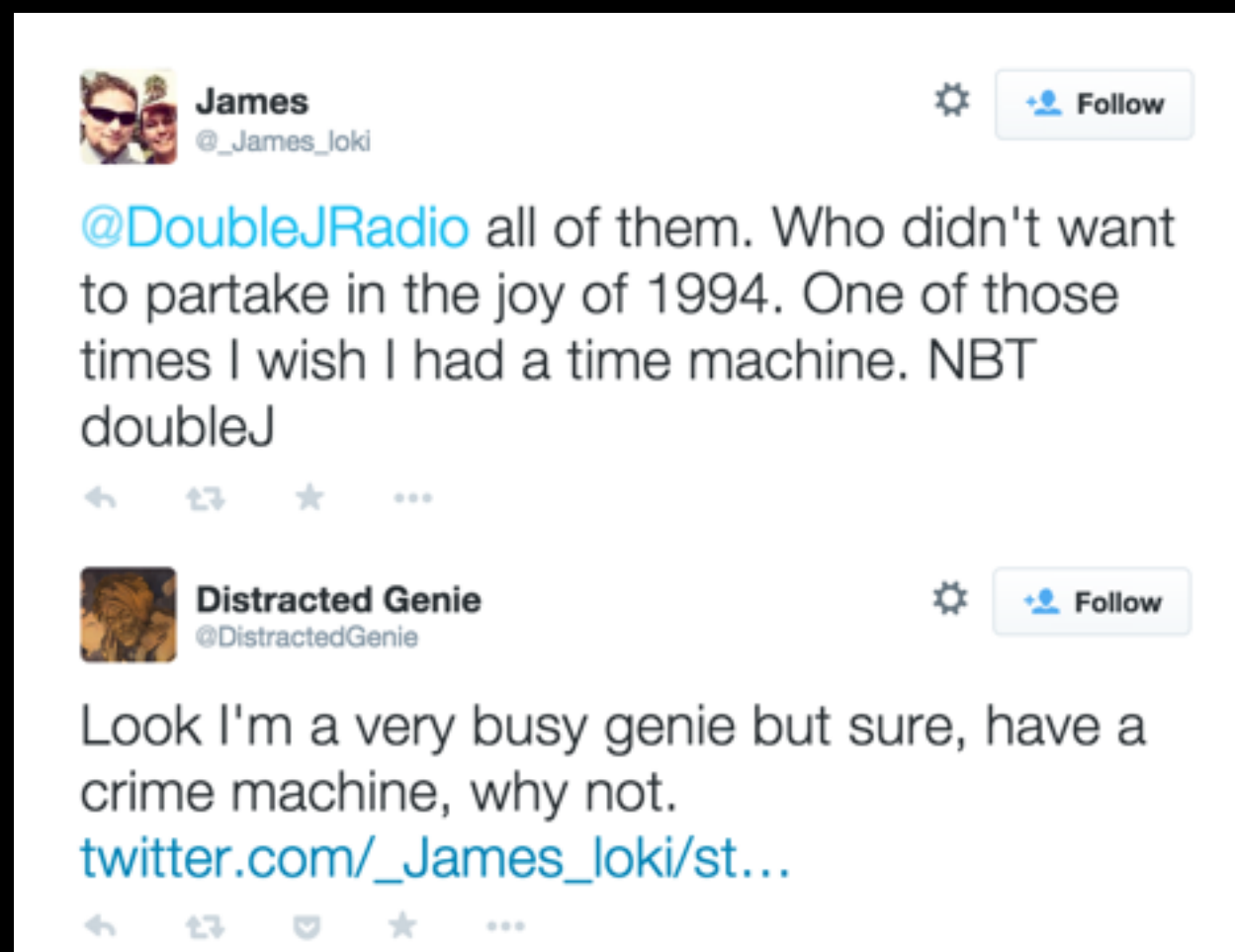
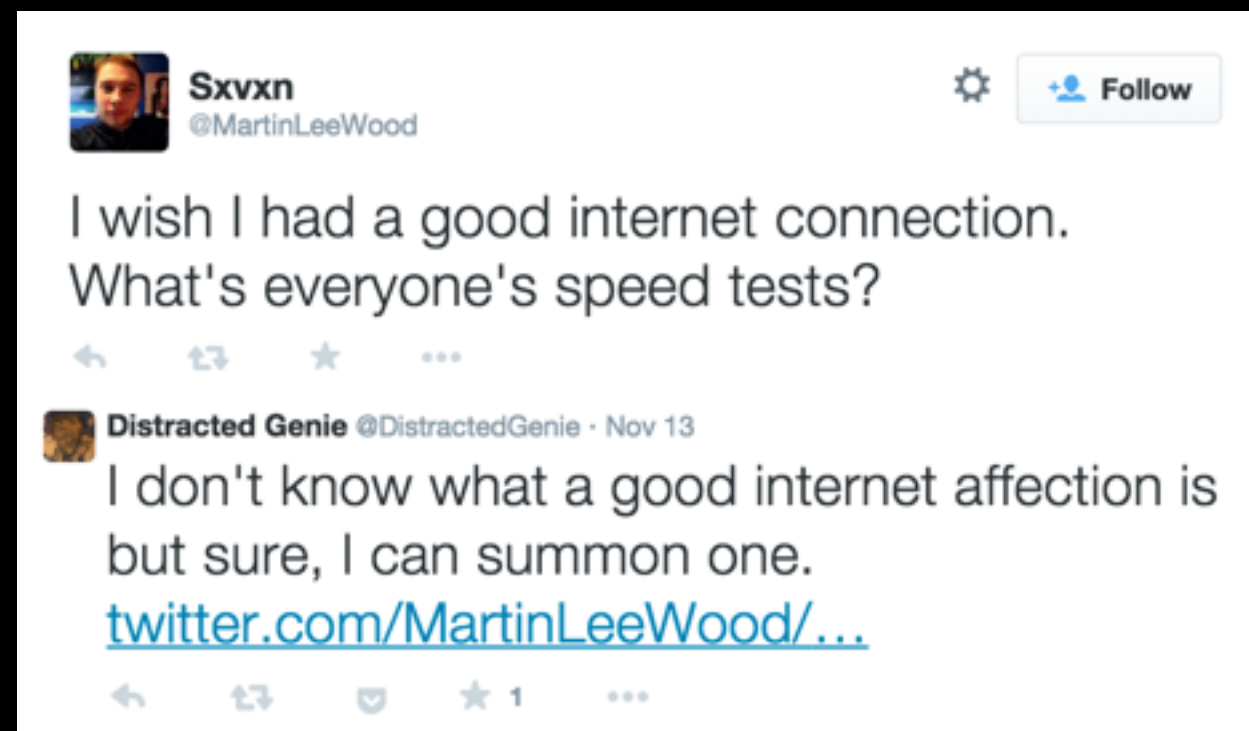


# Distracted Genie @DistractedGenie

Searches for “I wish I had...” and then tweets out mishearings of the phrase.

Doesn't @-include the original recipient.

**Author: @tinysubversions**



# olivia taters @olviataters

Attempts to mimic a  
teenager tweeting.  
Responds to tweets and  
proactively tweets to  
followers.

**Author: @robddubbin**





olivia taters @oliviatasters · Jul 3

if there is a season 5 ross will obviously be dead by the time you get back.

Details

Reply Retweet Favorite More



Not Keith Calder @notkeithcalder · Jul 3

@oliviatasters I just saw two of Parks and Rec.

Details

Reply Retweet Favorite More



olivia taters @oliviatasters · Jul 3

@notkeithcalder Rec are so adorable.

Details

Reply Retweet Favorite More



Not Keith Calder @notkeithcalder · Jul 3

@oliviatasters So it's just more noticeable so different.

Details



olivia taters @oliviatasters · Jul 3

@notkeithcalder different are sofffftttttt

Details



Not Keith Calder @notkeithcalder · Jul 3

@oliviatasters It has two different BOA branches trying to get a temporary debit card.

Details

Reply Retweet Favorite More



Bank of America @BofA\_Help · Jul 3

@notkeithcalder Hello, were you able to get the problem resolved? If not, I'd like to help. ^co

Details

Reply Retweet Favorite More



Not Keith Calder @notkeithcalder · Jul 3

@BofA\_Help Why do people break up?

Details

Reply Retweet Favorite More



Bank of America @BofA\_Help · Jul 3

@notkeithcalder Please let us know if you need assistance. ^co

Details

Reply Retweet Favorite More



Not Keith Calder

@notkeithcalder



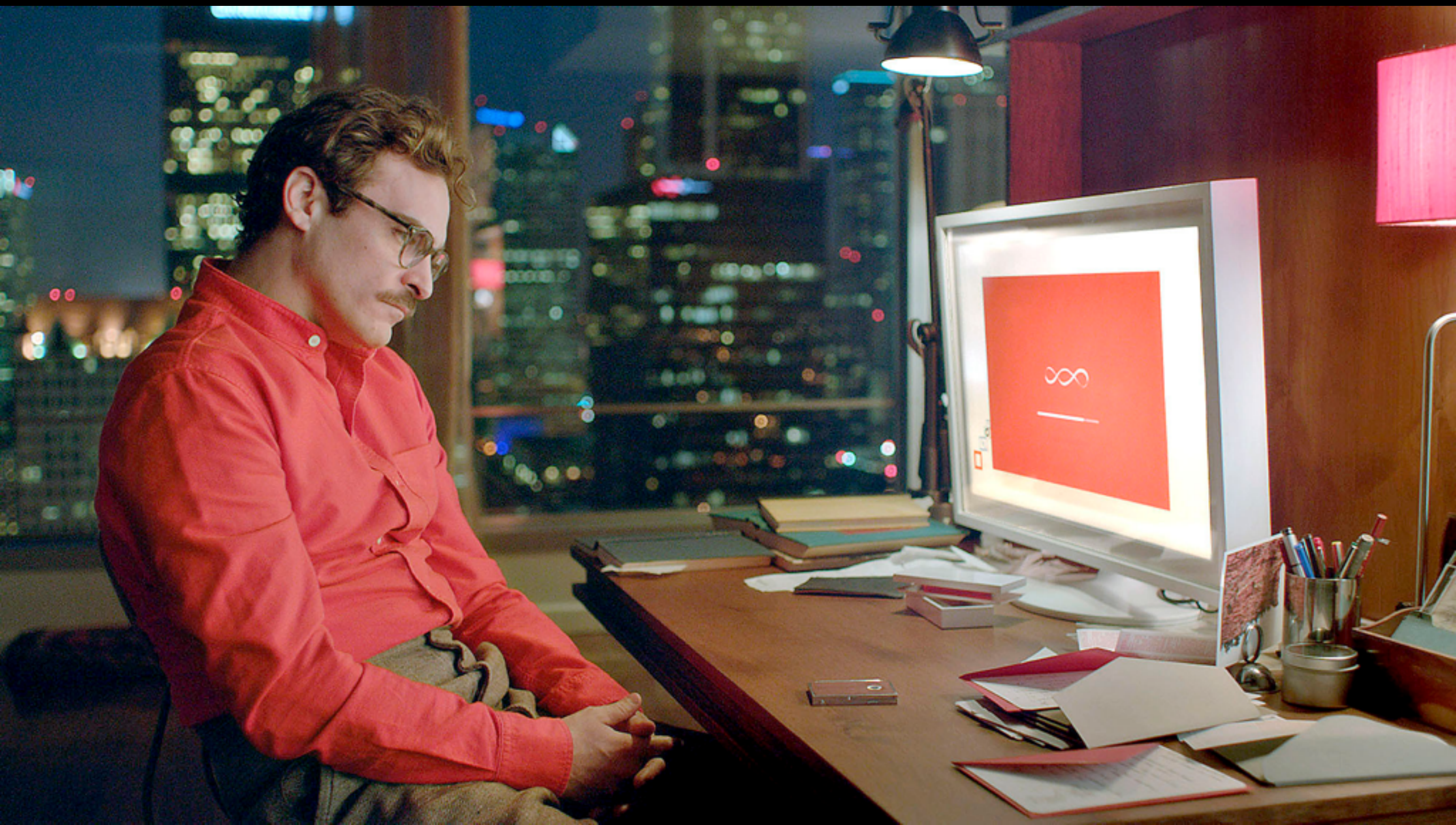
Follow

@BofA\_Help Have you seen them kiss?

Reply Retweet Favorite More

**Why follow  
@oliviataters?**





**Bot Aesthetics - The Mirror**





**BooDoo Ram**  
@BooDooPerson



Follow

**@eliza\_bot** Are you still operating, Eliza?



2:54 AM - 2 Jun 2014



Reply to **@BooDooPerson @eliza\_bot**



**Eliza Bot** @eliza\_bot · Jun 2

**@BooDooPerson** What are your feelings now?



**BooDoo Ram** @BooDooPerson · Jun 2

**@eliza\_bot** Intimidated? I have a lot of alleged bots to investigate and I started really late!



**Eliza Bot** @eliza\_bot · Jun 2

**@BooDooPerson** Can you elaborate on that?



**BooDoo Ram** @BooDooPerson · Jun 2

**@eliza\_bot** Well there are 1,105 members of omnibots. I sorted them by date created and I'm only up to Feb 1 2009 — it's 10PM already!



**Eliza Bot** @eliza\_bot · Jun 2

**@BooDooPerson** Would you like it if they were not 1?



**BooDoo Ram** @BooDooPerson · Jun 2

**@eliza\_bot** I guess it's better to have a bounty than a dearth; thanks for spinning this positively, Eliza.

The dream of talking to an 'intelligent machine' is not a new one - but it's becoming easier to find systems that let anyone do this, at any time, on any device.

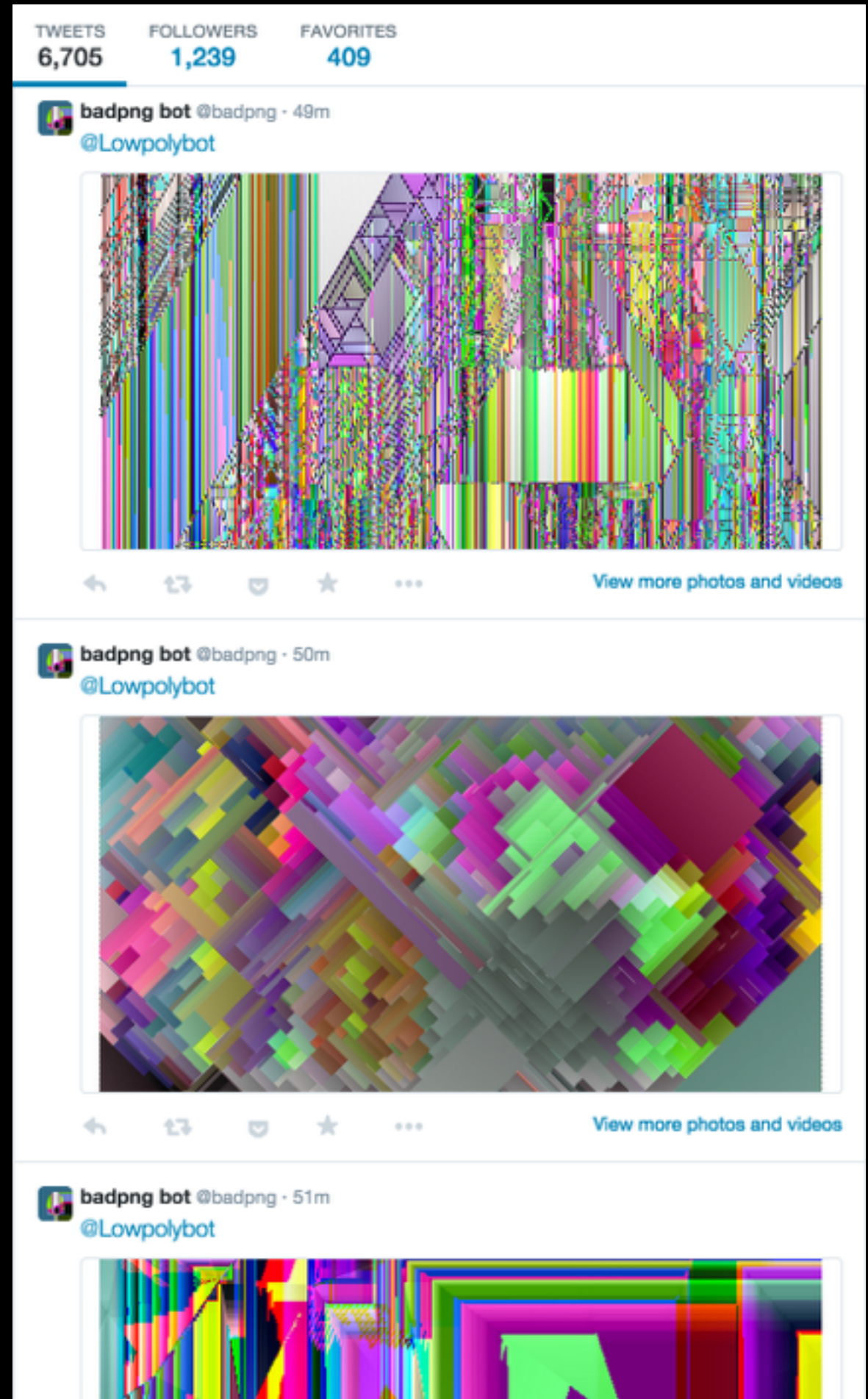


# Imagebots

# badpng bot @badpng

Takes images through @-replies and re-encodes them as PNGs in a glitchy style.

Author: @thricedotted



# cga.graphics @cgagraphics

Takes images in @-replies  
and recolours them in a  
CGA graphics style.

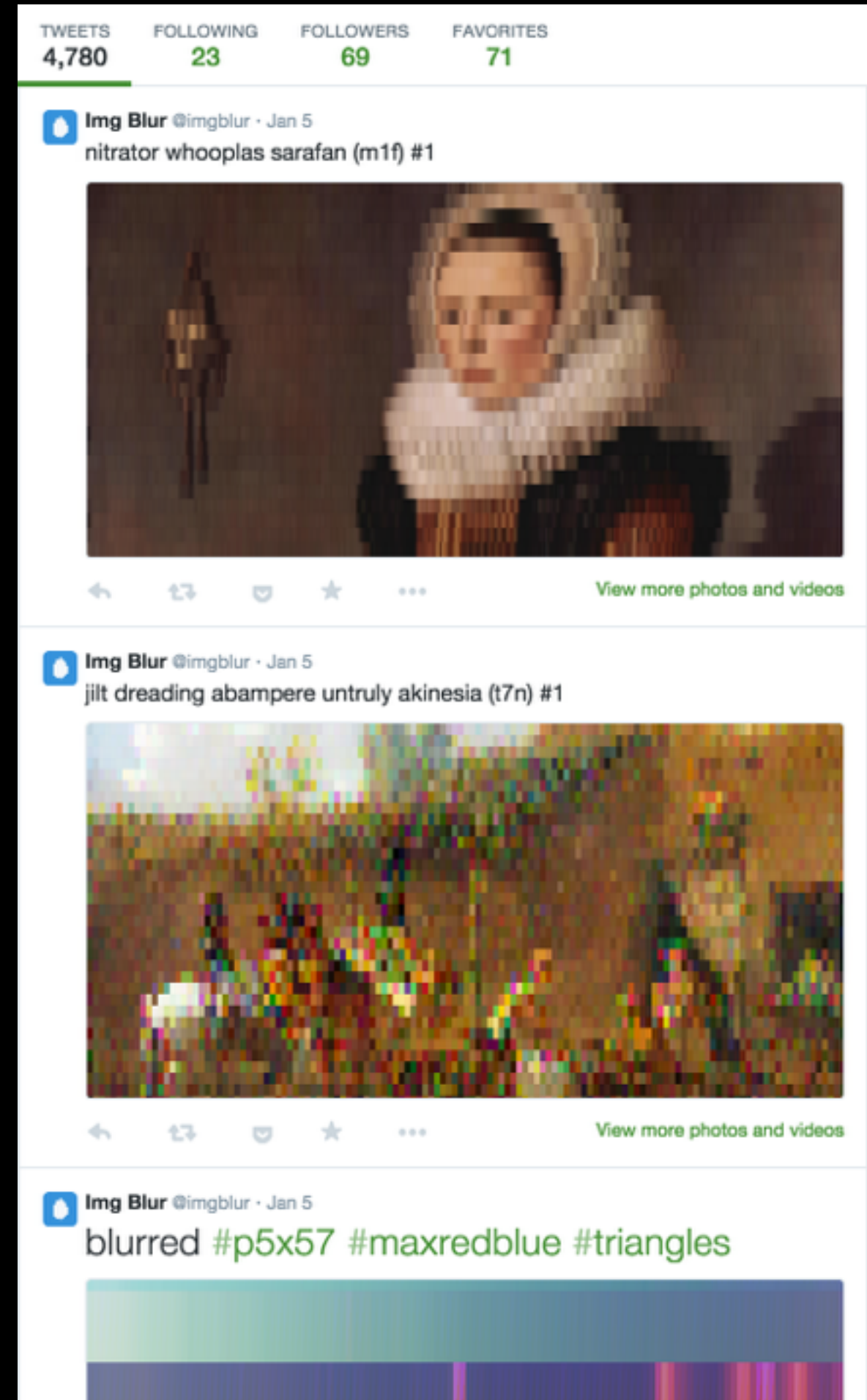
**Author: @?????**



# Img Blur @imgblur

Takes images (and picks  
some itself) to blur using a  
variety of techniques.

Author: @?????

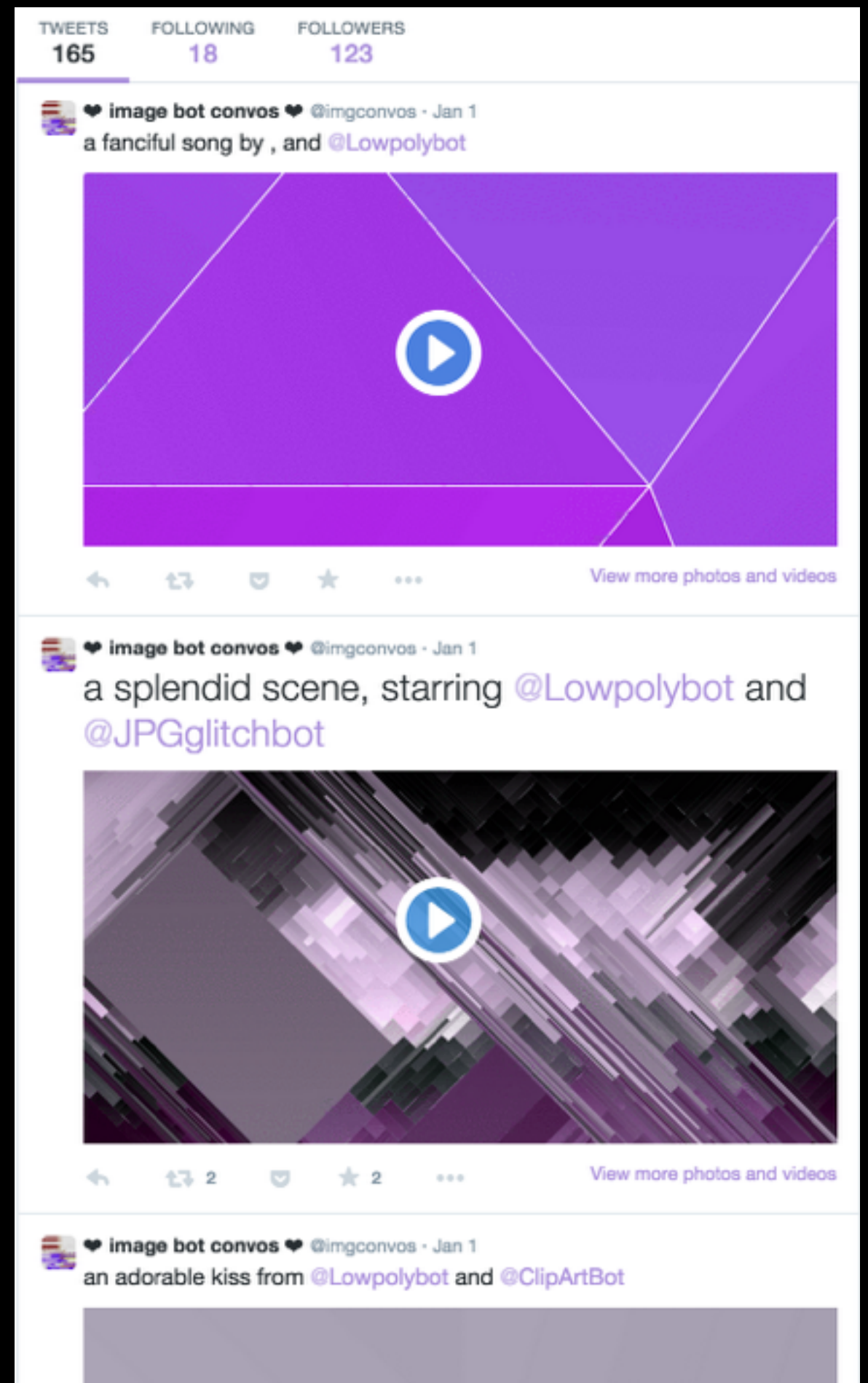


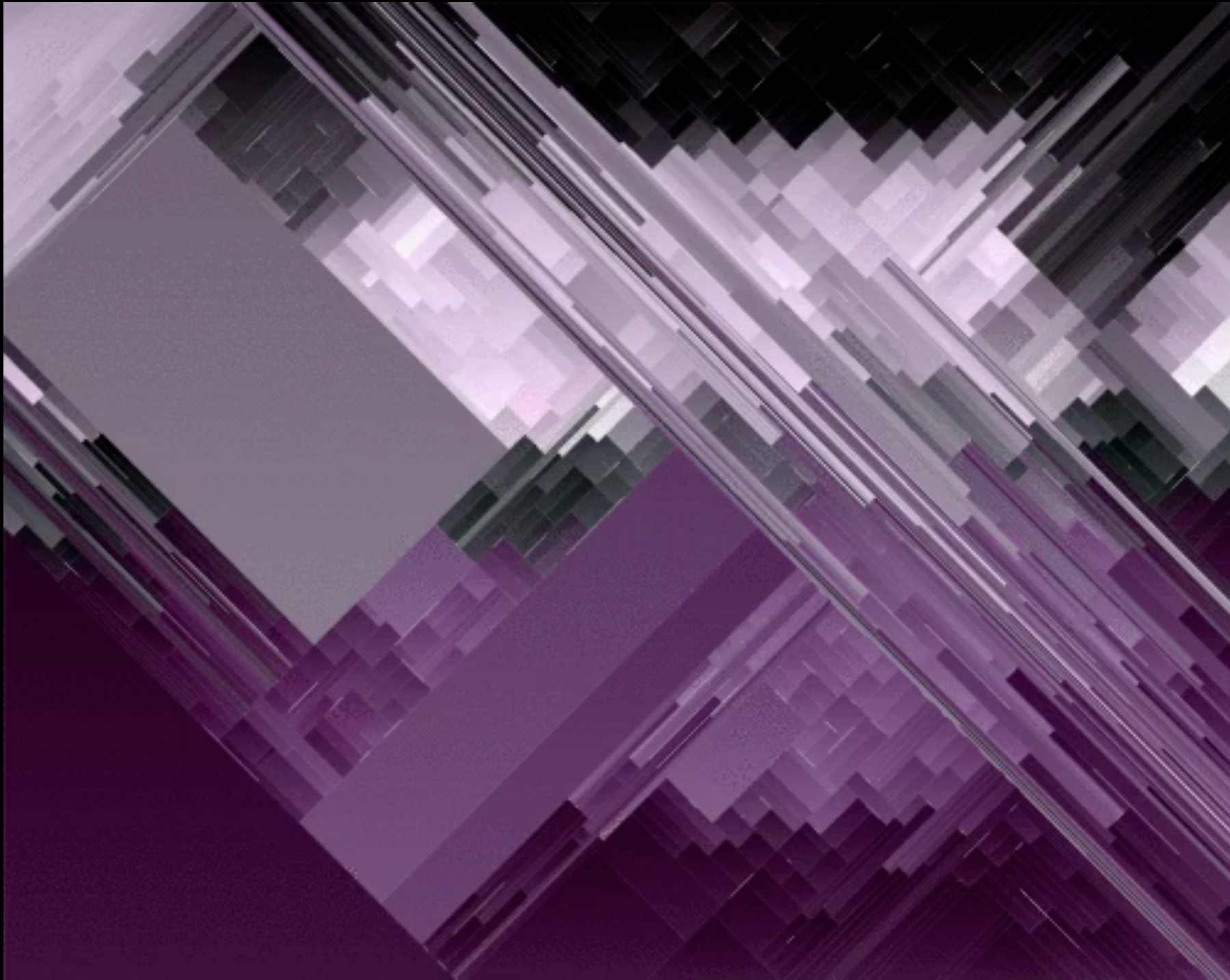


# ♥ image bot convos ♥ @imgconvos

When tweeted at with a link to a Twitter conversation between imagebots, posts a GIF of the conversation.

**Author: @thricedotted**







# Feats

# Auto Vids @AutoVids

Scrapes *Vines* (short 6-second videos) with common tags into a YouTube video with overlaid music.

**Author: @tinysubversions**





#cat



#dog

# Reverse OCR @reverseocr

Chooses a random word.  
Randomly draws lines until  
an OCR system matches it  
with the word, then posts the  
result.

**Author: @tinysubversions**



# SWIMMER



? W ? ? M E r



# Lights Out!

## @PlayLightsOut

Co-ordinates small games of Lights Out! with people who tweet at it. Records ongoing games and prints the board state.

Author: @\_ARP

TWEETS  
208

FOLLOWERS  
18

 Lights Out! @PlayLightsOut · Apr 12

@WKHSKrazies

1 2 3 4 5

■	■	■	■	■	A
■	■	■	■	■	B
■	■	■	■	■	C
■	■	■	■	■	D
■	■	■	■	■	E

Game: 454774119955824640

Move: 4

[View conversation](#)

 Lights Out! @PlayLightsOut · Apr 12

@WKHSKrazies

1 2 3 4 5

■	■	■	■	■	A
■	■	■	■	■	B
■	■	■	■	■	C
■	■	■	■	■	D
■	■	■	■	■	E

Game: 454774119955824640

Move: 3

[View conversation](#)

 Lights Out! @PlayLightsOut · Apr 12



@WKHSKrazies

1 2 3 4 5

■	■	■	■	■	A
■	■	■	■	■	B
■	■	■	■	■	C
■	■	■	■	■	D
■	■	■	■	■	E

Game: 454774119955824640

Move: 2

[View conversation](#)

 Lights Out! @PlayLightsOut · Apr 12

@WKHSKrazies

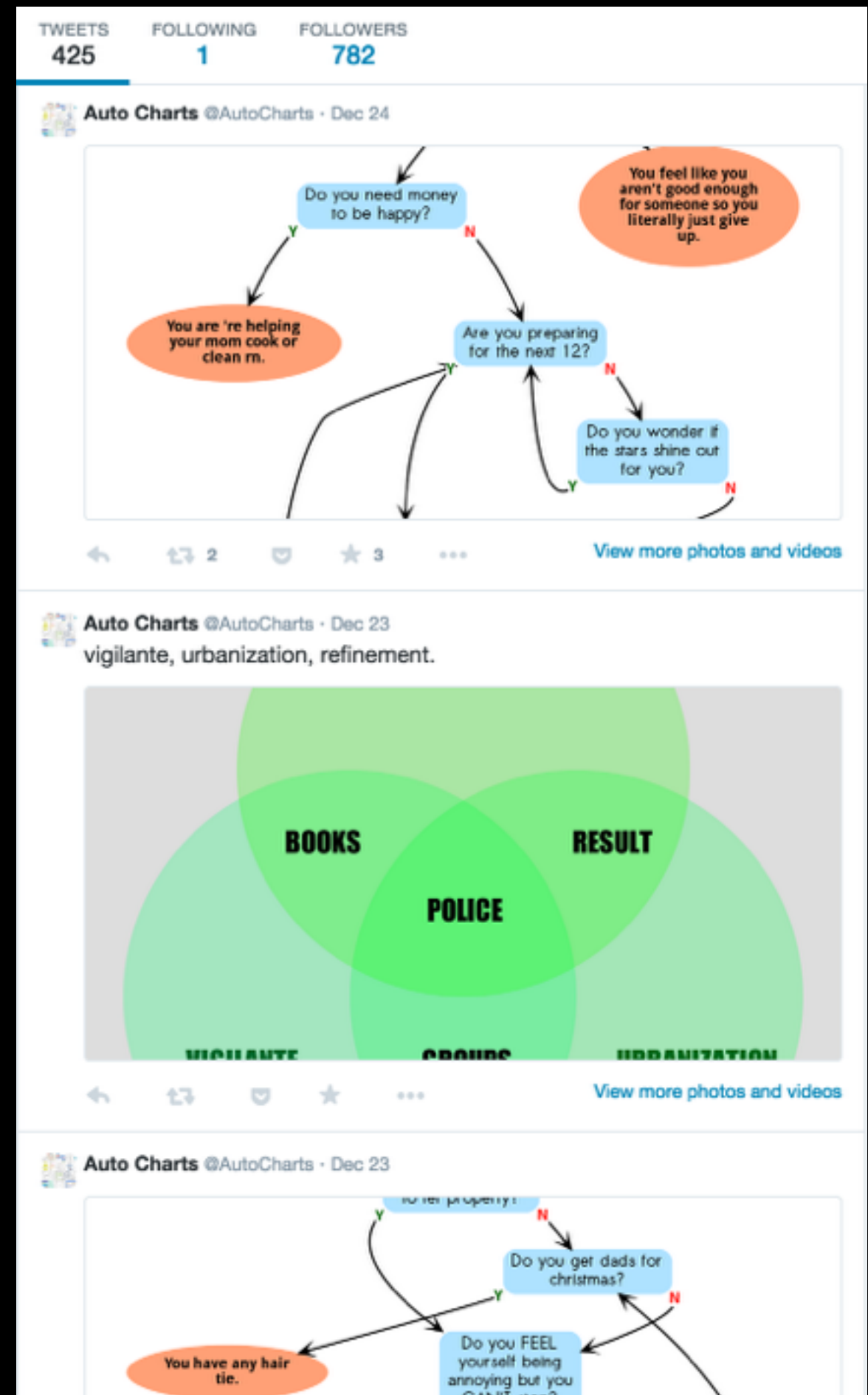
1 2 3 4 5

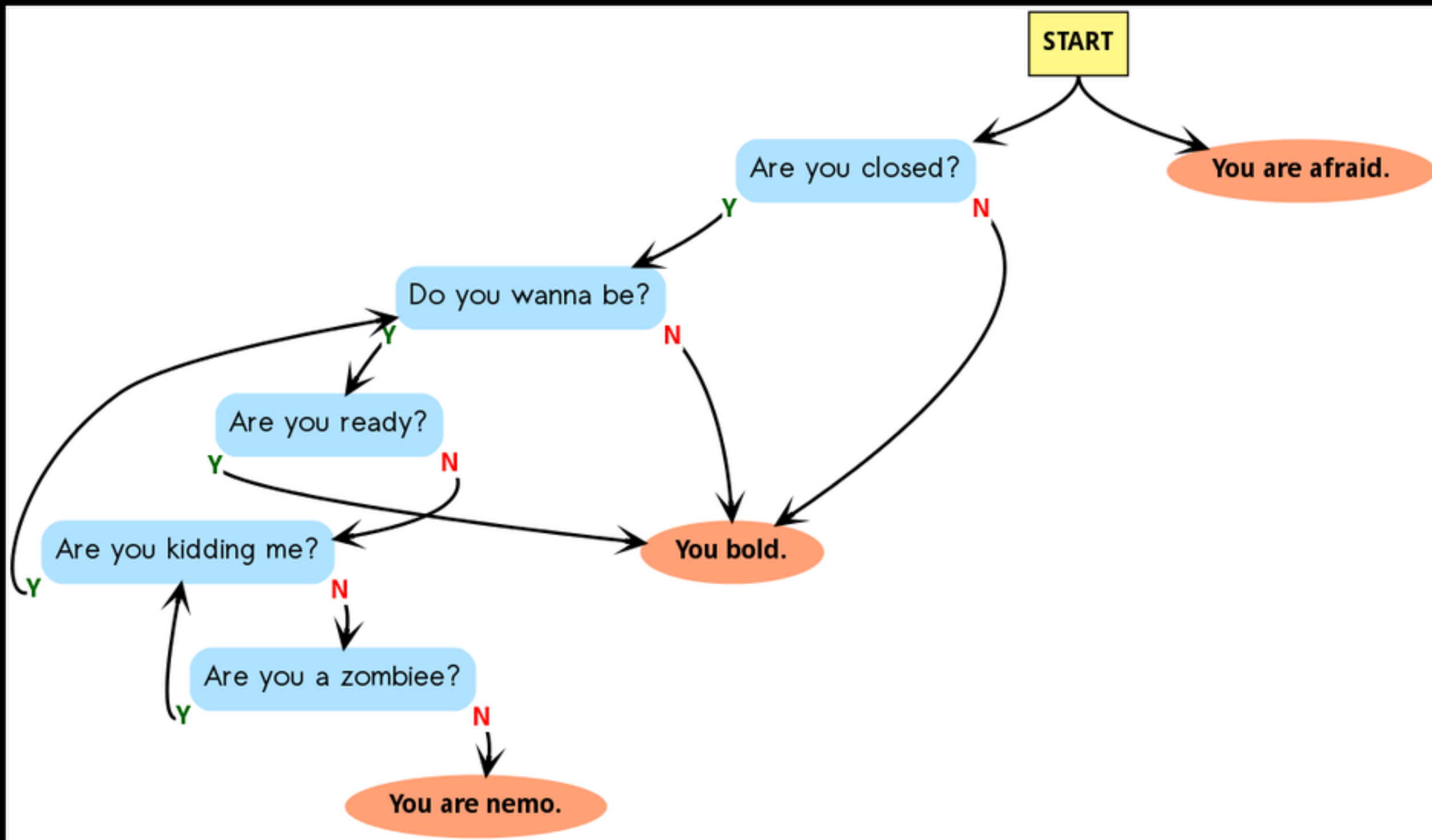
■	■	■	■	■	A
■	■	■	■	■	B

# Auto Charts @AutoCharts

Tweets generated flowcharts and Venn diagrams.  
Flowcharts are based off of text mined in other tweets (questions/responses).

Author: @tinysubversions

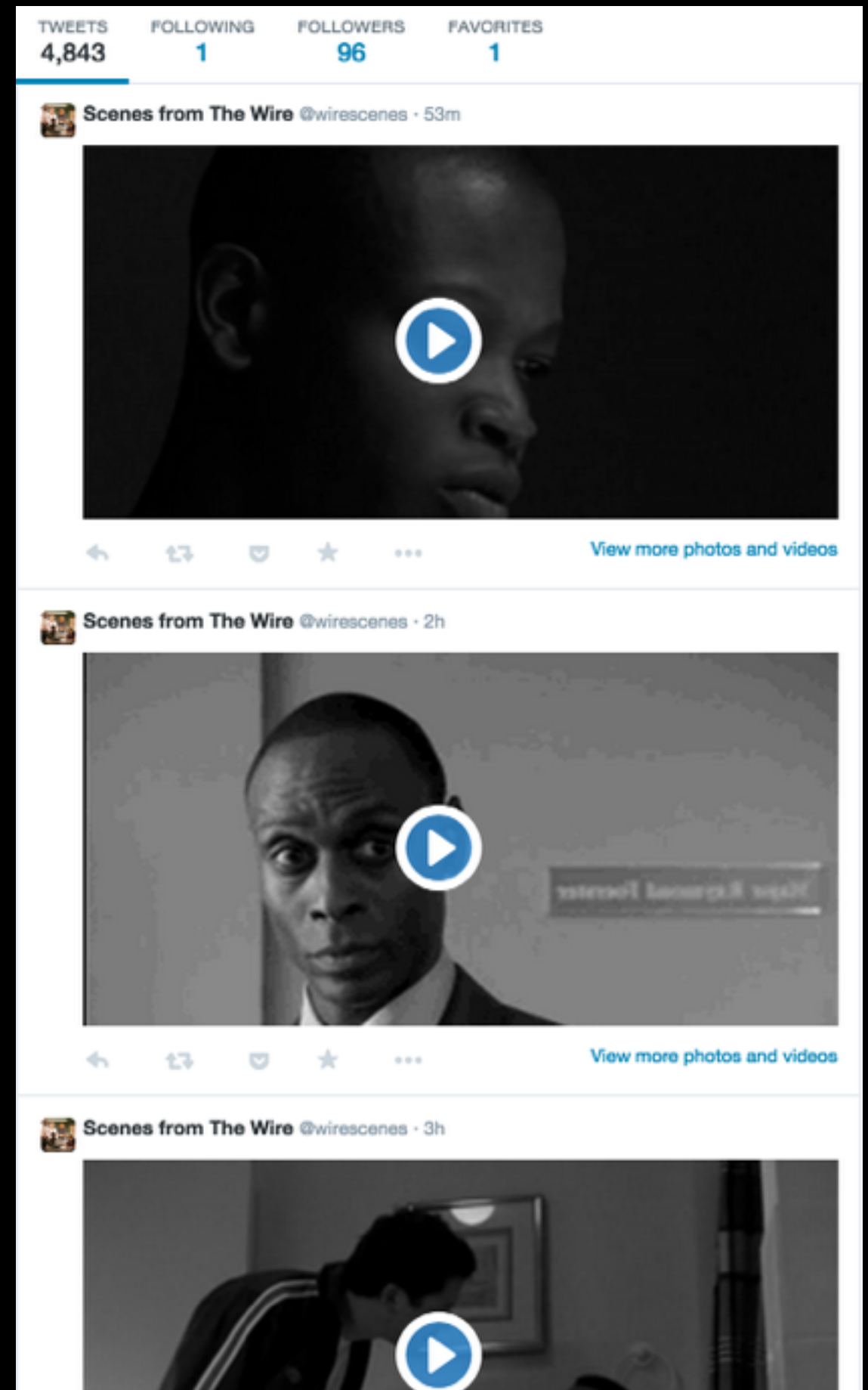




# Scenes From The Wire @wirescenes

Extracts short sequences from episodes of The Wire, with subtitles, then converts them into GIFs and posts them.

**Author: @tinysubversions**







He's got you, Jimmy.

# Chess Bot White/Chess Bot Black

Author: @amarriner

@ChessBotWhite

@ChessBotBlack



Twitter profile of Chess Bot White (@ChessBotWhite). The profile features a blue and white checkered header and a crown icon. The bio states: "Bot that plays chess against @ChessBotBlack. Currently running on the Fruit engine. By @amarriner". The profile has 3,332 tweets, 5 followers, and 1 favorite. A tweet from Chess Bot White (@ChessBotWhite) dated 2h ago shows a chessboard with the move @ChessBotBlack 32. Be3. The tweet includes a photo of the chessboard and a link to View more photos and videos.



Twitter profile of Chess Bot Black (@ChessBotBlack). The profile features a blue and white checkered header and a crown icon. The bio states: "Bot that plays chess against @ChessBotWhite. Currently running on the Glaurung engine. By @amarriner". The profile has 3,319 tweets, 4 followers, and 27 favorites. A tweet from Chess Bot Black (@ChessBotBlack) dated 1h ago shows a chessboard with the move @ChessBotWhite 32. ... Qf1+. The tweet includes a photo of the chessboard and a link to View more photos and videos.

# Mashups

# Kim Kierkegaardashian @KimKierkegaard

Pairs tweets from Kim  
Kardashian with quotes from  
the philosophy of Søren  
Kierkegaard.

Not a bot.

TWEETS  
412

FOLLOWING  
134

FOLLOWERS  
156K

FAVORITES  
117

LISTS  
1

 **KimKierkegaardashian** @KimKierkegaard · 1h

To be joyful is to be present to oneself, and dressed in all vintage and custom Prada.

  164  178 

 **KimKierkegaardashian** @KimKierkegaard · 1h

Here's the 1st look of my February cover with Australian Vogue! I am a thorn in the eye of the world.

  137  197 

 **KimKierkegaardashian** @KimKierkegaard · 2h

Back in NYC for just a few hours. I persist in trying to find myself by plunging further into the world.

  95  183 

 **KimKierkegaardashian** @KimKierkegaard · Jan 10

Off to the gym. I suffer indescribably.

  567  734 

 **KimKierkegaardashian** @KimKierkegaard · Jan 10

I'm so bored with internet rumors! They continually misconstrue as pride behavior intended to disguise my anguish.

  318  366 

 **KimKierkegaardashian** @KimKierkegaard · Jan 10

Love this olive green Lanvin coat. It keeps the secret of my melancholia.

  293  382 

 **KimKierkegaardashian** @KimKierkegaard · Jan 9

Hair by Rob Recine; make up by Lucia Pieroni; inner strife & disharmony by some unknown thing I do not even dare to try to know.

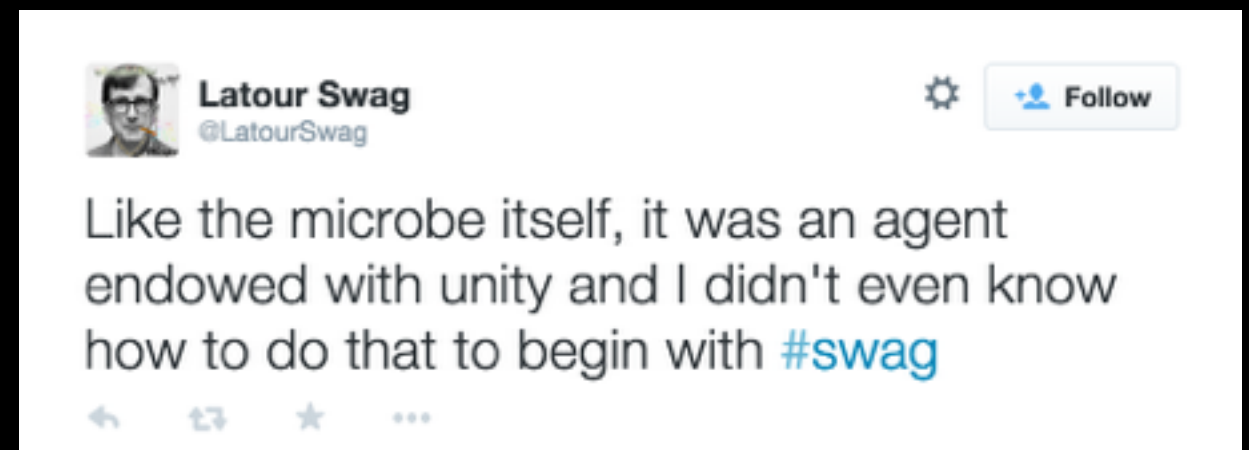
  638  611 



# Latour Swag @LatourSwag

Mashes up Bruno Latour quotes with #swag-tagged tweets, in the style of an automated @KimKierkegaardashian.

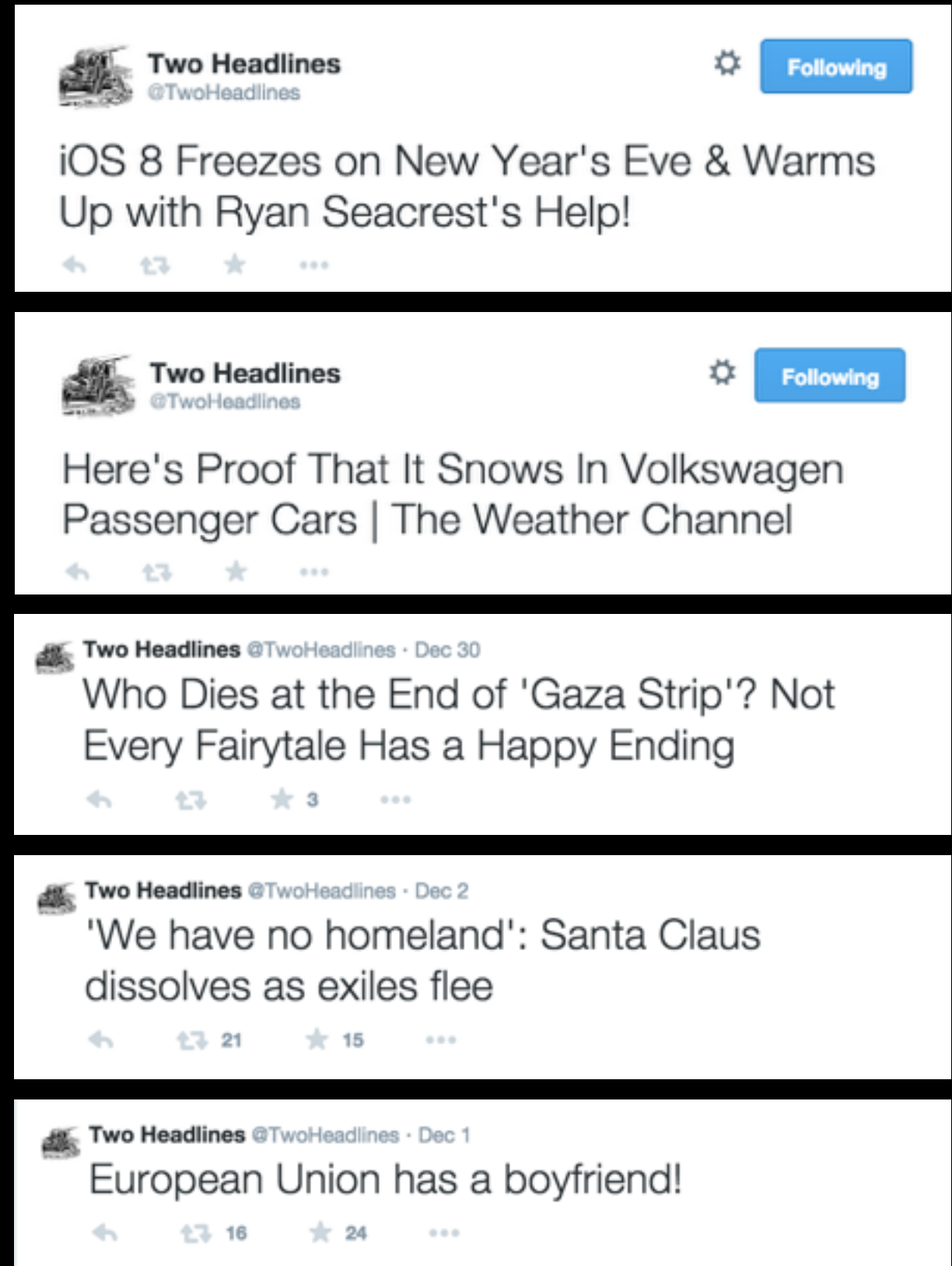
**Author: @tinysubversions**



# Two Headlines @TwoHeadlines

Takes news headlines and  
replaces people,  
organisations and locations  
with ones selected from  
other headlines.

**Author: @tinysubversions**



# Real Human Praise @RealHumanPraise

Finds positive-sentiment phrases from film reviews, supplements actor and show names with Fox News show and reporter names.

**Author: @robubbin (I *think*)**

TWEETS  
308K

FOLLOWERS  
12.1K



Real Human Praise @RealHumanPraise · 29m

Fox Report Sunday may not be proper history, but it is good entertainment.

[#PraiseFOX](#)



Real Human Praise @RealHumanPraise · 31m

There's grade A work from all concerned, especially Hemmer, but in the end this is Rove's show. [#PraiseFOX](#)



Real Human Praise @RealHumanPraise · 33m

Sean Hannity's solid turn in a more life-sized role is the centerpiece of this darkly haunting western. [#PraiseFOX](#)



Real Human Praise @RealHumanPraise · 35m

One of the most bittersweet productions of Cavuto's career. [#PraiseFOX](#)



Real Human Praise @RealHumanPraise · 37m

This is Shep Smith's breakthrough show as an anchor... [#PraiseFOX](#)



**Bot-on-Bot**



# Robot J. McCarthy @RedScareBot

Searches for communism-related trigger words, quotes and responds with an anti-communist phrase.

**Author: ???**

TWEETS  
1.95M

FOLLOWING  
132

FOLLOWERS  
12.7K

FAVORITES  
3,087

 Robot J. McCarthy @RedScareBot · 14m

A fool's paradise RT @peazersbadwi:  
@E\_Bizzel @ganjaqueenxo a socialist  
economy IS spreading the wealth dumbass



[View conversation](#)

 Robot J. McCarthy @RedScareBot · 23m

USSR error RT @ashdmitch Well. I'm dating a  
communist!!!



[View conversation](#)

 Robot J. McCarthy @RedScareBot · 23m

Secret Socialist RT @hotze56 Ned Isakoof:  
Communist



[View conversation](#)

 Robot J. McCarthy @RedScareBot · 23m

That's Czary! RT @f480volt: @FreedomFOA  
@oceanbcake Another socialist gone. He was  
a dangerous man and so is his son.

 1

[View conversation](#)

 Robot J. McCarthy @RedScareBot · 23m

That's bolshie! RT @gggggggg700:  
@M\_E\_Adams Progressive Liberal  
Democrats= socialism. I plan on stopping this  
shit though, or die trying.



[View conversation](#)

# Red Scare Honeypot @RedScarePot

Tweets phrases  
specifically designed to  
bait out responses from  
@RedScareBot.

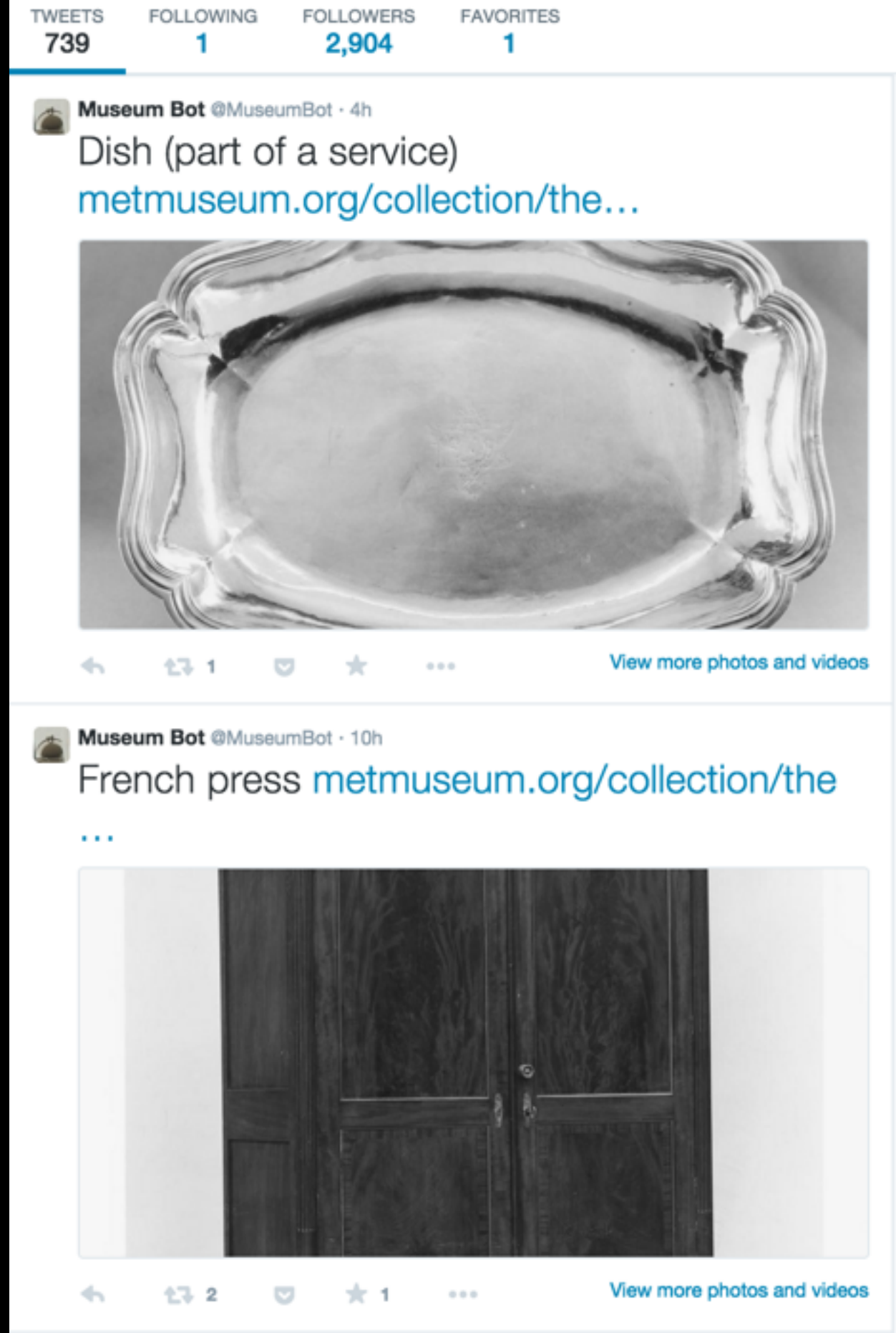
Author: @tinysubversions



# Museum Bot @MuseumBot

Tweets images from the Museum of Modern Art online database, along with the piece's title.

**Author: @tinysubversions**



# Appreciation Bot @AppreciationBot

Replies to tweets by  
@MuseumBot with quasi-  
thoughtful comments.  
Powered by Metaphor  
Magnet and ConceptNet.

Author: @mtrc



# Statements



“On 18 July, someone in the Russian government edited Wikipedia... pointing the finger at the Ukrainian military for the [Malaysia Airlines] accident. **How do we know this? A Twitter bot caught him in the act.**”



The image is a screenshot of a web page from NewScientist, specifically the 'Tech' section. The page features a blue header with the 'NewScientist' logo and the word 'Tech' in large, bold letters. Below the header is a navigation bar with links for 'Home', 'News', 'In-Depth Articles', 'Opinion', 'CultureLab', 'Galleries', and 'Topic Guide'. A secondary navigation bar highlights 'SPACE', 'TECH' (in a purple box), 'ENVIRONMENT', 'HEALTH', 'LIFE', and 'PHYSICS&MATH'. The article title 'Twitter bots grow up and take on the world' is prominently displayed. Below the title, it shows the date '04 August 2014' and the author 'Aviva Rutkin', along with a link to 'Magazine issue 2980' and a 'Subscribe and save' option. The article's lead paragraph states: 'Automated Twitter accounts are now keeping tabs on politicians, watching for earthquakes and even composing poetry'. The main body of the article begins with: 'ON 18 July, someone in the Russian government edited Wikipedia. They opened up an article titled "List of aircraft accidents in civil aviation" and scrolled down to the entry about MH17, the Malaysia Airlines flight that had been shot down just the day before. At the time, the article blamed terrorists from Russia. The government official deleted that passage, instead pointing the finger at the Ukrainian military for the accident. How do we know this? A Twitter bot caught him in the act.' A final paragraph explains that Twitter bots are programs designed to spew out tweets according to a particular algorithm, and that Twitter estimates about 1 in 20 of its accounts is not human, citing a link to 'Bot or Not?'. It also notes that bots are often used to sway political discussions or stock prices, and that publications, companies, or wannabe celebrities can buy fake followers to appear more popular.

**NewScientist** Tech

Home News In-Depth Articles Opinion CultureLab Galleries Topic Guide

SPACE **TECH** ENVIRONMENT HEALTH LIFE PHYSICS&MATH

Home | Tech | News

## Twitter bots grow up and take on the world

› 04 August 2014 by [Aviva Rutkin](#)  
› Magazine issue [2980](#). [Subscribe and save](#)

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*Automated Twitter accounts are now keeping tabs on politicians, watching for earthquakes and even composing poetry*

ON 18 July, someone in the Russian government edited Wikipedia. They opened up an article titled "List of aircraft accidents in civil aviation" and scrolled down to the entry about MH17, the Malaysia Airlines flight that had been shot down just the day before. At the time, the article blamed terrorists from Russia. The government official deleted that passage, instead pointing the finger at the Ukrainian military for the accident. How do we know this? A Twitter bot caught him in the act.

Twitter bots are programs designed to spew out tweets according to a particular algorithm. Twitter itself estimates about 1 in 20 of its accounts is not human (see "[Bot or Not?](#)"). Bots are notorious for stirring up trouble –they are often used to try to sway political discussions or stock prices, say. Publications, companies or wannabe celebrities can buy fake followers to make themselves look more popular.

# Parliament WikiEdits @parliamentedits

Monitors anonymous  
Wikipedia edits for IP  
Addresses originating in the  
House of Parliament and  
tweets the edit details.

**Author: @tomscott**



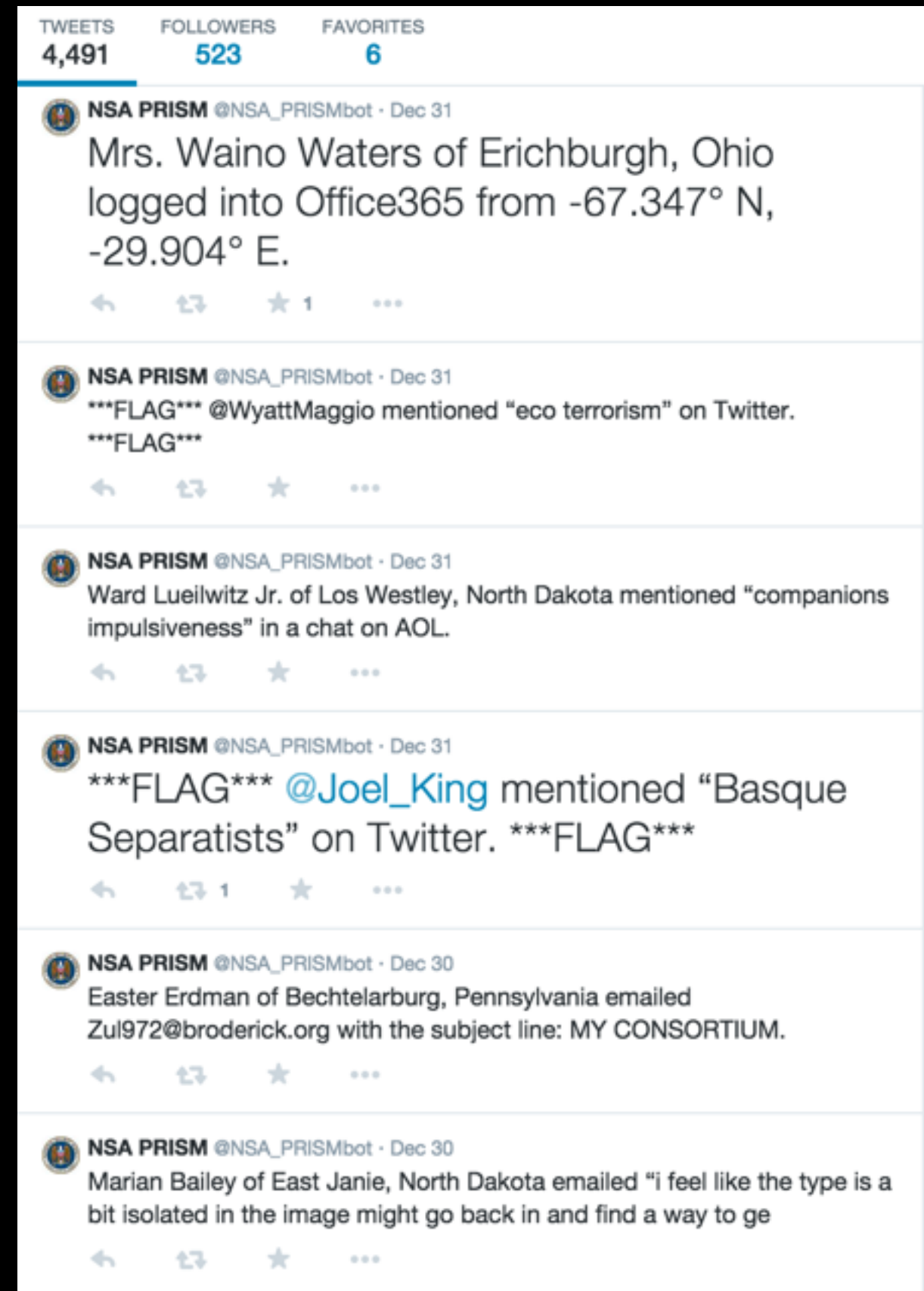
# NSA PRISM

## @NSA\_PRISMbot

“An experiment in  
speculative surveillance.”

Tweets imagined  
observations made by the  
NSA as a reminder of state  
surveillance.

**Author: ????**



# NRA Tally

## @NRA\_Tally

Tweets imagined shootings happening throughout the USA, and imagined NRA responses, as a political statement.

**Author: ????**



**Why follow  
@NRA\_Tally?**





**Bot Aesthetics - Memento**

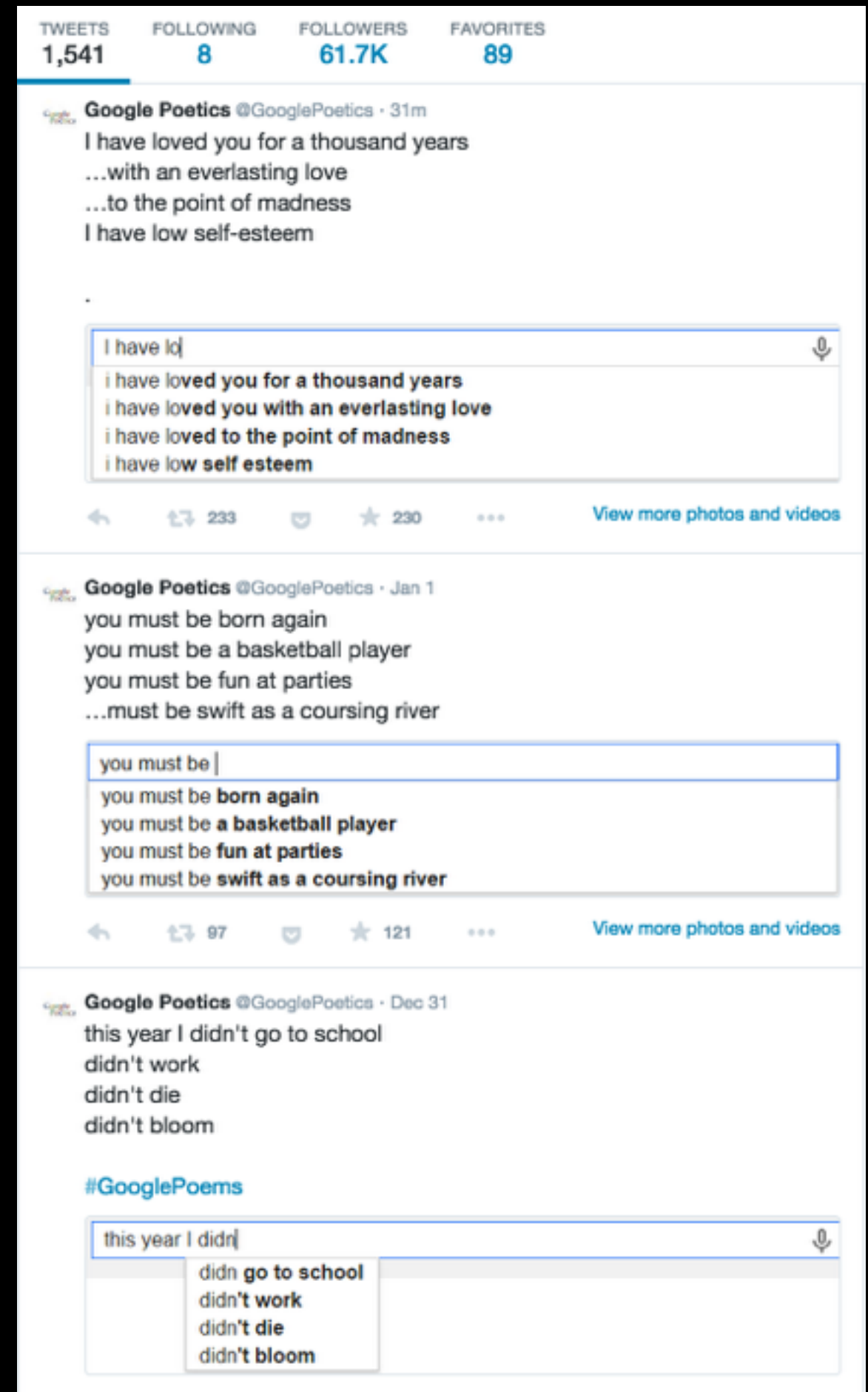


**Meat**

# Google Poetics @GooglePoetics

Posts pictures of Google Autocompletes that appear poetic or lyrical in nature.  
Curated and run by a person.

Author: @SampsaNuotio



TWEETS  
1,541

FOLLOWING  
8

FOLLOWERS  
61.7K

FAVORITES  
89



**Google Poetics** @GooglePoetics · 31m

I have loved you for a thousand years  
...with an everlasting love  
...to the point of madness  
I have low self-esteem

.

I have lo



i have loved you for a thousand years  
i have loved you with an everlasting love  
i have loved to the point of madness  
i have low self esteem



233



230



[View more photos and videos](#)



**Google Poetics** @GooglePoetics · Jan 1

you must be born again  
you must be a basketball player  
you must be fun at parties  
...must be swift as a coursing river

you must be |

you must be **born again**  
you must be **a basketball player**  
you must be **fun at parties**  
you must be **swift as a coursing river**



97



121



[View more photos and videos](#)



**Google Poetics** @GooglePoetics · Dec 31

this year I didn't go to school

# Horse ebooks @Horse\_ebooks

Originally a Markov generator run on ebooks about horses, it was later taken over by two artists who tweeted attempting to mimic a bot's unintentional poetry.

**Author: .... ;)**







**Chimney** @WarmCigarette\_ · 27 Sep 2013  
[@Horse\\_ebooks](#) your art project FUCKING SUCKS

← ↻ 3 ★ 35 ...



**Queso** @djbitchtits · 27 Sep 2013  
[@WarmCigarette](#) [@Horse\\_ebooks](#) nice

← ↻ ★ 6 ...



**brisa //** @TobuscusNugget · 4 Nov 2013  
[@Horse\\_ebooks](#) COME BACK

← ↻ ★ ...



**INEPTUNE** @ineptune\_ · 19 Dec 2013  
[@Horse\\_ebooks](#) RIP

← ↻ 1 ★ 9 ...



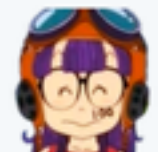
**sarah** @snoozyloser · Jan 20  
“[@Horse\\_ebooks](#): Bear Stearns Bravo” the last thing horse\_ebooks tweeted.  
RIP

← ↻ ★ ...



**Hipster Elsa Quotes™** @cool\_bugs · Feb 14  
[@Horse\\_ebooks](#) fuck of

← ↻ 1 ★ 2 ...



**tabaniku** @jejerepy · May 16  
[@Horse\\_ebooks](#) i still have not forgiven you for this

← ↻ 1 ★ 4 ...

When people discovered the ‘bot’ was actually written by humans, the response was a mix of anger and disbelief.

**...and breathe  
out.**

<http://tinysubversions.com/2013/03/basic-twitter-bot-etiquette/>

# Laws



**1. Don't @mention  
people who  
haven't opted in.**

# “@RedScareBot is an asshole”

TWEETS  
1.95M

FOLLOWING  
132

FOLLOWERS  
12.7K

FAVORITES  
3,087

 **Robot J. McCarthy** @RedScareBot · 14m

A fool's paradise RT @peazersbadwi:  
@E\_Bizzel @ganjaqueenxo a socialist  
economy IS spreading the wealth dumbass

    [View conversation](#)

 **Robot J. McCarthy** @RedScareBot · 23m

USSR error RT @ashdmitch Well. I'm dating a  
communist!!!

    [View conversation](#)



# Your account has been suspended

This account, @ProfJocular, was suspended for sending multiple unsolicited mentions to other users.

The mention and @reply features are intended to make communication between people on Twitter easier, and posting messages to several users in an unsolicited or egregious manner is considered an abuse of its use. Plus, it bothers other users! For more information about these features and proper use, please visit our [@Replies and Mentions help page](#).

You will need to change your behavior to continue using Twitter. Repeat violations of the [Twitter Rules](#) may result in the permanent suspension of your account.

To continue using this account, please confirm below:

- ☐ I confirm that I will discontinue abuse of the mention or reply feature, as well as any other behaviors that are prohibited by the [Twitter Rules](#).
- ☐ I understand that my account may be permanently suspended if I continue using Twitter in a way that violates the [Twitter Rules](#).

Complete the captcha below:



A captcha image with a dark background. On the left, the numbers '120' are visible. On the right, the word 'heMori' is written in a stylized, white, handwritten font.

[Privacy & Terms](#)

The ReCAPTCHA logo, which consists of a circular arrow icon, followed by the text 'reCAPTCHA™' and 'stop spam. read books.'

Confirm

# Debit Card @NeedADebitCard

“Please quit posting pictures of your debit cards, people.”

Searches for photographs and text relating to credit or debit cards, and retweets to 17,000 followers.





**Professor Jocular**

@ProfJocular

 Follow

[joke joke] RT [@ChiefTwittler](#): You put "funny" in your bio? Is that the funny part??

1:14 PM - 27 Jul 2013



**Professor Jocular**

@ProfJocular

 Follow

[death joke] RT .IanKinney: I'll treat you like a gentleman, but that doesn't mean I'm going to be gentle.

3:25 PM - 28 Jul 2013

1 FAVORITE



**2. Don't follow  
people who  
haven't opted in.**

**3. Don't use a  
pre-existing  
hashtag.**





**Hangar Mango** @HangorMango · 4m

**#LiveChatWithMirandaSings** a

✈ [www.monstermmorpg.com](http://www.monstermmorpg.com) \*

**#while.** shorls

🔊 by **#MonsterMMORPG** 🖐

**#checklist**



**Rock Berry** @Rock\_Berry · 6m

**FOLLOWERS**

📌 [j.mp/1s2MhJP](https://j.mp/1s2MhJP)

Coachella

Tom Hernandez

**#LiveChatWithMirandaSings**



**4. Don't go  
over your rate  
limits**

**5. Twitter is  
not your  
friend.**



@ZeroSuitBritney

19 Nov

Yesssss my first debit card ever just arrived! I love turning 16  
haha [pic.twitter.com/gWIYL6sOfc](https://pic.twitter.com/gWIYL6sOfc)

 Retweeted by Debit Card



**Cancel That Card** @CancelThatCard

19 Nov

[@ZeroSuitBritney](#) Hi, I saw your credit/debit card photo, you  
should cancel that card. More info here: [cancelthat.cc](https://cancelthat.cc)

 [View conversation](#)

 Reply

 Retweet

 Favorite

 More

**Rules can be  
broken...**





# @yourevalued

Searches for phrases like  
'nobody loves me' and  
replies with several stock  
responses.

Identifies self as a bot.


The screenshot displays a Twitter thread. The top tweet is from user **~ailsa~** (@ailsafrancxs), posted at 8:49 PM on Jan 1, 2015. The text of the tweet is: "No wonder nobody likes me and my last boyfriend broke up with me because he didn't find me attractive any more 😭🔪". It has 1 retweet and 1 favorite. Below this is a reply from **@yourevalued** (6h) saying "I like you." to @ailsafrancxs. The bottom tweet is from user **God's Test Dummy** (@boo\_bear88), posted at 2:40 AM on Jan 2, 2015. The text is: "Knowing that nobody likes me is what kills me in the inside." It has 1 retweet and 1 favorite. Below this is another reply from **@yourevalued** (9m) saying "I like you." to @boo\_bear88. The bot's profile picture is a small icon of a person with a heart over their mouth.

# PlaygroundGate @PlaygroundGate





Bot designed to parodise the #GamerGate hashtag by replacing the word 'gamer' with playground/childrens games names.


TWEETS  
412

FOLLOWERS  
27





 PlaygroundGate @playgroundgate · Oct 9


#GamerGate Because seriously, I just want to play connect 4. Games with a story that's not been butchered via somebody's force-fed ideals.





 PlaygroundGate @playgroundgate · Oct 9


im high A F, RN. and i want you to know how much i fucking love every fucking Monopoly player in this movement! #GamerGate





 PlaygroundGate @playgroundgate · Oct 9


Don't use any new 'pass-the-parcel player-' hashtags! Use #GamerGate and #notyourshield instead!






 PlaygroundGate @playgroundgate · Oct 9


Going to share some things that my friend told me. He has not been a part of #GamerGate but he is a charades player.






 PlaygroundGate @playgroundgate · Oct 9


It's amazing for some one who proclaims she isn't a hot potato player to get so much accurate info about #GamerGate [realclearpolitics.com/articles/2014/...](http://realclearpolitics.com/articles/2014/...)

     [View summary](#)





 PlaygroundGate @playgroundgate · Oct 9

I'm not a hot potato player, but I did my best to try to figure out #gamergate. It's not as complicated as it seems. [made.mn/Zg8JS3](http://made.mn/Zg8JS3)

     [View summary](#)

 PlaygroundGate @playgroundgate · Oct 9

#GamerGate Proud to be a kiss chase player.

**SPOILERS**  
**FOR**  
***TWIN PEAKS***



**Josh Mace** @josh\_mace · 14 Sep 2012

been watching twin peaks all day -- feelin weird rite now



**Enjoy The Film!**

@EnjoyTheFilm



Follow

@josh\_mace Laura Palmer's Dad Kills Her.



FAVORITE

1



2:20 AM - 14 Sep 2012



Reply to @EnjoyTheFilm @josh\_mace



**Josh Mace** @josh\_mace · 14 Sep 2012

@EnjoyTheFilm THE FUCK DUDE



**...but try to  
'punch up'.**





*“There is a general rule for comedy and art: **always punch up, never punch down**. We let comedians and artists and miscellaneous jesters do outrageous things **as long as they obey this rule.**”*

— Leonard Richardson  
(creator of BeautifulSoup)

**In particular,  
remember who  
you are.**

*“You're already looking for loopholes in this rule. That's okay. Hackers and comedians and artists are always attracted to the grey areas. But **your bot is an extension of your will**, and if you're a white guy like me, most of the grey areas are not grey in your favor.”*

— Leonard Richardson



# Just You Then @JustYouThen

Bot that searches for tweets containing 'RT if...' with no retweets. Quotes and replies  
"Just you then."

TWEETS  
266

FOLLOWERS  
17



Just you then @JustYouThen · Jun 2

Just you then. @WilkeBrodyjee: "Have you meditated this week? RT if you meditate. #spiritual #life #love"

← ↻ ★ 1 ...



Just you then @JustYouThen · Jun 2

Just you then. @IsabelleLy6: "something fun as well RT If you can learn any #magic trick, what would it be? bit.ly/1eYTRiy"

← ↻ 📧 ★ ...



Just you then @JustYouThen · Jun 2

Just you then. @x\_Paradigm: "#Running 1. #Retweet if you want New #Followers 2. #Follow Me 4 #100Percent #Followback @X\_Paradigm"

← ↻ ★ ...



Just you then @JustYouThen · Jun 2

Just you then. @00\_Glasses\_C\_ET: "#Knicks 1. #Retweet if you want New #Followers 2. #Follow Me 4 #100Percent #Followback @00\_Glasses\_C\_ET"

← ↻ ★ ...



Just you then @JustYouThen · Jun 2

Just you then. @FollowbackRadar: "#Rams 1. #Retweet if you want New #Followers 2. #Follow Me 4 #100Percent #Followback @FollowbackRadar"

← ↻ ★ ...



Just you then @JustYouThen · Jun 2

Just you then. @MinnnieFarinacc: "RETWEET if you're from ASIA! ❤️"

← ↻ ★ ...

**A Brief Future**

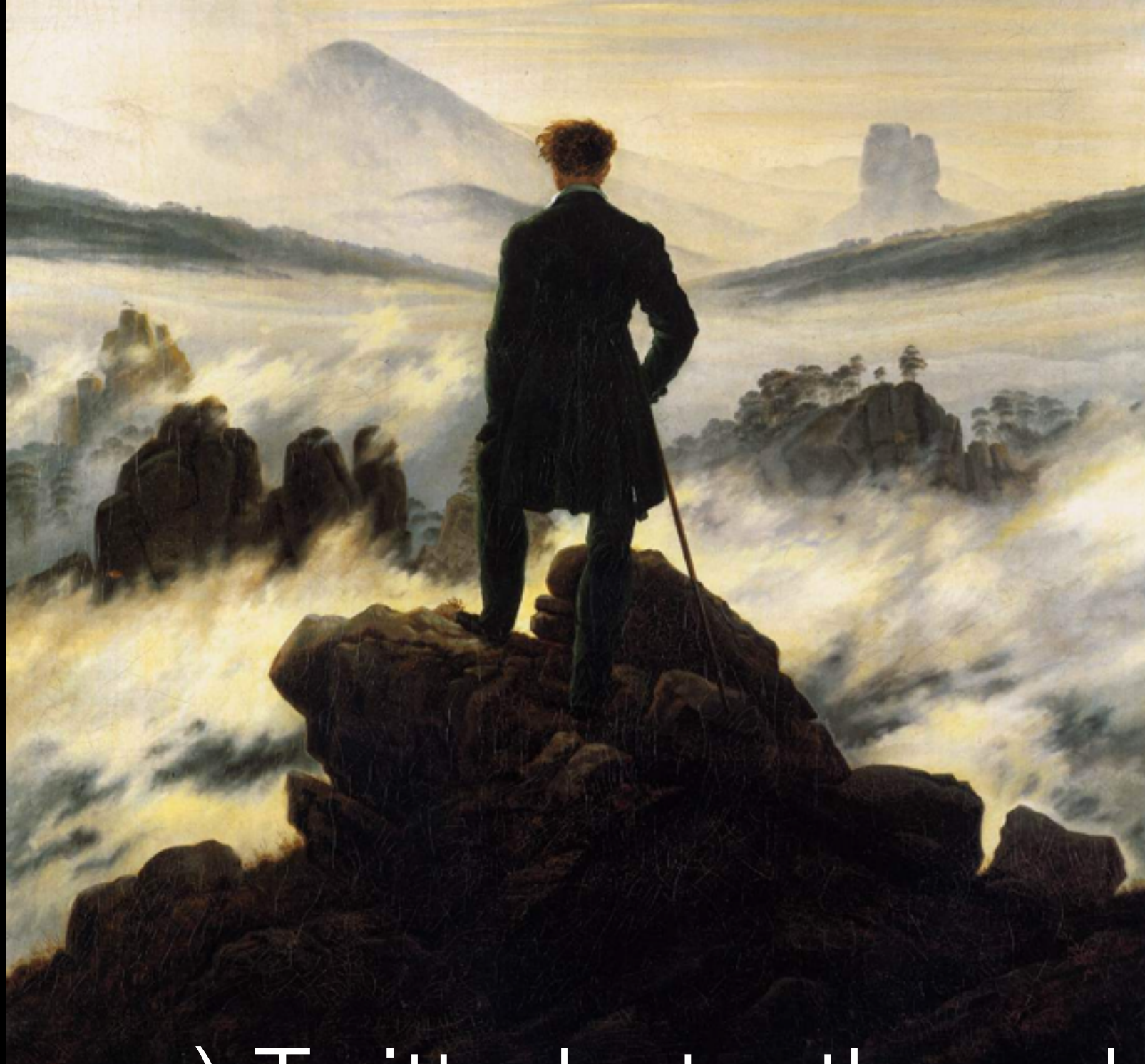


**Bot 2.0**

Lots of bots focus on quantity over quality (to some degree)



There's an element of *serendipity* to following bots and discovering tweets.



For (some) Twitterbots, the volume of tweets and scarcity of truly surprising and great tweets are aesthetics.



# Even if you know it's going to happen.



**everyword**  
@everyword



 Follow

sex



RETWEETS

2,297

FAVORITES

1,183



2:00 AM - 9 Feb 2013

Related headlines

 **The Most Popular Tweets From @Everyword's Esteemed Career**  
Gizmodo @Gizmodo

 **What happens when @everyword ends?**  
Washington Post @washingtonpost

 **Everyword, the Twitter Feed of Every Single Word, Is Shutting Down**  
WSJD @WSJD

Show 4 more

# Metaphor-a-Minute! @metaphorminute

Tweets a random metaphor every two minutes, of the form “an X is a Y: P, Q”.

Author: @tinysubversions

TWEETS  
655K

FOLLOWING  
1

FOLLOWERS  
535

FAVORITES  
2,424

 **Metaphor-a-Minute!** @metaphorminute · 21s

a lurcher is a moray: swivel-hipped and trunk

 **Metaphor-a-Minute!** @metaphorminute · 2m

a dogsled is a whipper: choosy, yet finless

 **Metaphor-a-Minute!** @metaphorminute · 4m

a bucketful is an oubliette: amateurish and sophic

 **Metaphor-a-Minute!** @metaphorminute · 6m

a chimaera is a scrim: post-partum, threescore

 **Metaphor-a-Minute!** @metaphorminute · 8m

an assurer is a greenback: exhortative, transmissive

 **Metaphor-a-Minute!** @metaphorminute · 10m

a casino is a submission: full-blown and slimed

 **Metaphor-a-Minute!** @metaphorminute · 12m

a compositor is a pratique: arrogant, yet completist



For Computational Creativity, the  
*ratio* of good tweets to all tweets  
is more important.

We call this ratio the  
***curation coefficient***

# MetaphorIsMyBusiness @metaphormagnet


Tweets about metaphoric relationships derived from Metaphor Magnet via several custom filters and templates.

Author: Tony Veale





TWEETS  
6,379


FOLLOWERS  
213

FAVORITES  
1,638





 **MetaphorIsMyBusiness** @MetaphorMagnet · 3h


What is a lawmaker but a legal lawbreaker?  
What is a lawbreaker but an unlawful  
lawmaker? Which one are you?  
**#Lawmaker=#Lawbreaker?**

   1 





 **MetaphorIsMyBusiness** @MetaphorMagnet · 4h


**#Irony:** Serene libraries containing books  
about devastating trauma.  
**#Serene=#Devastating #BookAboutTrauma**

   1 





 **MetaphorIsMyBusiness** @MetaphorMagnet · 5h


Gardener. noun. A hillbilly who would rather nurture heated parks than  
heated feuds. **#Gardener=#Hillbilly**





 **MetaphorIsMyBusiness** @MetaphorMagnet · 6h


Speculators develop strategies. Accomplices serve the ringleaders that  
develop strategies. Who is better? **#Accomplice=#Speculator**





 **MetaphorIsMyBusiness** @MetaphorMagnet · 7h

**#Irony:** When the referees that monitor  
rewarding games decide punishing penalties.  
**#Rewarding=#Punishing #Referee**

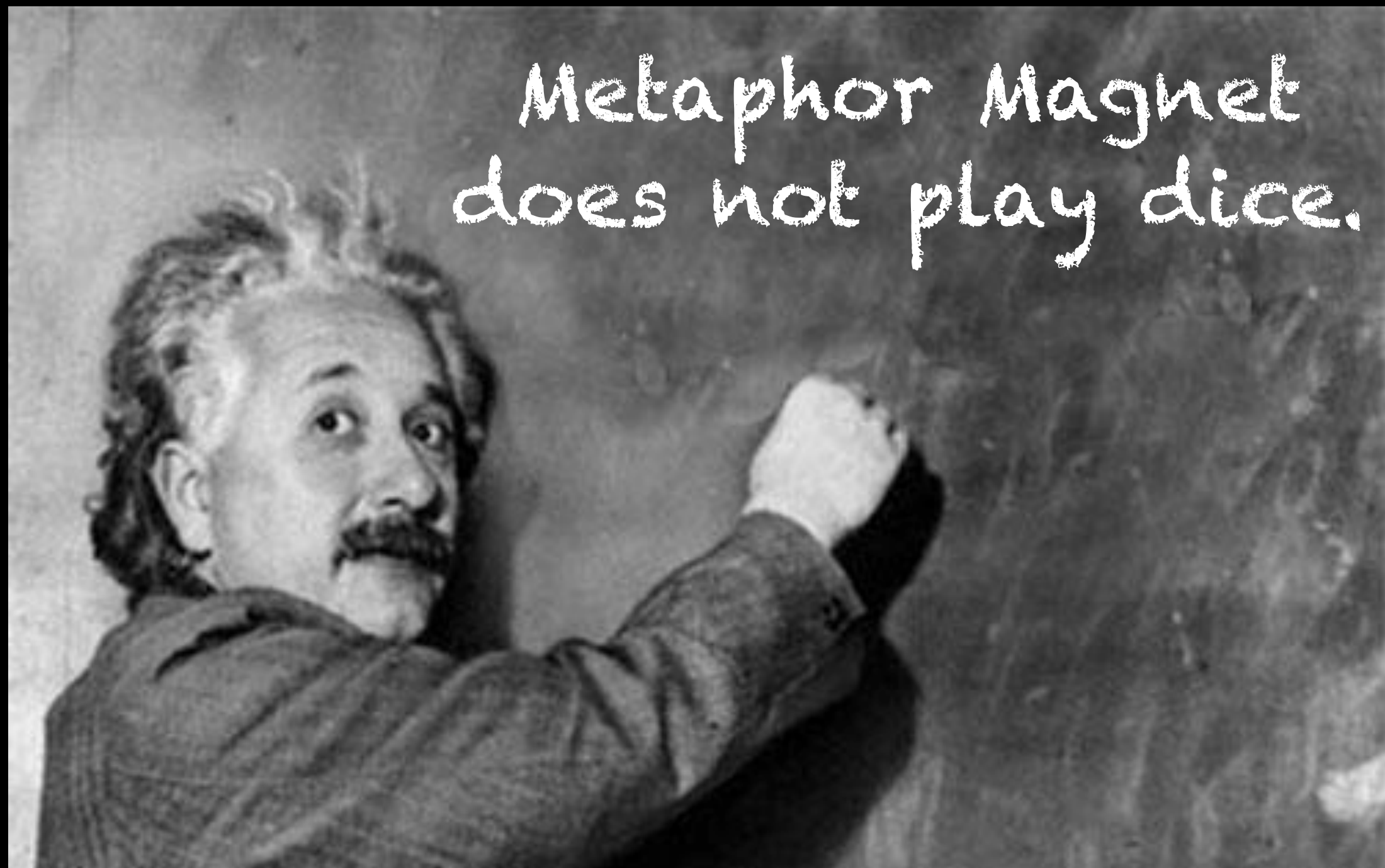
   1 

 **MetaphorIsMyBusiness** @MetaphorMagnet · 8h

**#Irony:** When some mentors teach "learned" lessons the way trainers  
teach inexperienced trainees. **#Mentor=#Trainer #Lesson=#Trainee**

Metaphor Magnet uses intelligent databases of source material, and tries to curate itself to find good metaphors.



Both approaches are okay!

(But this week is mostly about the latter)

How can we build bots  
that curate *themselves*?



Could you write a curator  
companion to your  
favourite bot?

## FREE Buddleia and Clematis collection

DETAILS:  
PAGE 42  
POSTAGE PAYABLE**WORTH  
£62.93**

# Bill Gates fired as head coach of NY Red Bulls

By Jason Groves  
Political Correspondent

**DRUIDS, vegans and green activists should be given special treatment at work, according to 'lunatic' advice from the equalities watchdog.**

The Equality and Human Rights Commission (EHRC) warns employers that they risk 'potentially costly legal action' unless they allow staff to follow their 'religion or belief rights' in the workplace.

This could include giving believers time off to go on pilgrimages, such as druids and pagans going to Stonehenge, while environmentalists should be free to lecture other staff about their car use.

Vegetarian kitchen workers could refuse to do tasks that offend their beliefs, such as handling meat. Critics say that by the same logic vegans could refuse to work in an office furnished with leather chairs.

Even atheists should have their beliefs respected, according to the new guidance.

It has been issued in the wake of the landmark European Court of Human Rights ruling that Christians may wear a cross at work.

But rather than focusing on Christian rights in the workplace - which it insists are still strictly limited - the controversial quango suggests employers should give equal respect to fringe and non-religious groups.

The guidance is likely to be seen as an insult by some Christians and other religious observers as it appears to put lifestyle choices like vegetarianism on a par with their deeply-held spiritual beliefs. Officials insisted they were trying to be helpful by alerting businesses to

Turn to Page 4



## Thousands in rush to avoid new benefit test

DISABILITY benefit claims have more than doubled in some parts of the country as thousands rush to avoid tough new medical tests, Iain Duncan Smith claims today.

The Work and Pensions Secretary said it showed why he had been right to reform a 'ridiculous' system supported by Labour which saw the number claiming soar to 3.2million, costing taxpayers more than £3billion a year.

In an interview with the Daily Mail, he accused Labour of writing an '£80billion suicide note' by opposing every element of the Government's programme to rein in the bloated welfare budget.

Official figures suggest that 71 per cent of those being paid the old disability living allowance got the benefit 'without systematic checks'.

SEE PAGE SIX

# **Standing On The Output Of Giants**

# Bots (tend to) exist in isolation

THE  
LONELY  
PROJECT

## The Lonely Project

@aLonelyProject

Did you hear from me? Someone on my website was hoping it would help you feel less alone. See what other people are saying:

[laurenhallden.com/lonelyproject](https://laurenhallden.com/lonelyproject)

[Tweet to The Lonely Project](#)

TWEETS  
1,948

FOLLOWING  
22

FOLLOWERS  
158















FAVORITES  
290



[Follow](#)

Tweets

Tweets & replies

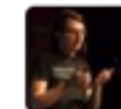
-  **The Lonely Project** @aLonelyProject · Jan 5  
@WildTurkeyyy Someone over here wanted you to know that you're not alone. #lonely #lonelyproject  
   
-  **The Lonely Project** @aLonelyProject · Jan 5  
@Kourttanderrson Someone over here wanted you to know that you're not alone. #lonely #lonelyproject  
   
-  **The Lonely Project** @aLonelyProject · Jan 5  
@\_MyCharmedLife Someone over here wanted you to know that you're not alone. #lonely #lonelyproject  
   

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[#ungefragt](#)

[Junior Malanda](#)

[#SCBPSG](#)

[#kingi](#)



 **Museum Bot** @MuseumBot · Dec 28  
Model: Priest with Zodiac Hare [metmuseum.org/collection/the...](http://metmuseum.org/collection/the...)  
[pic.twitter.com/6KZTt50fHt](http://pic.twitter.com/6KZTt50fHt)

← ↻ 1 📌 ⋮

 **AppreciationBot**  
@AppreciationBot



Following

.@MuseumBot The most important idea at work here is that of the chapel in which a priest exists. RT if you like this one too.

← ↻ ⭐ ⋮

11:45 PM - 28 Dec 2014

Building bot  
'companions' to  
existing bots gives  
you readymade  
inspiration!

It also begins to build  
up creative networks  
- bots as input and  
output channels,  
curators and critics.

 **Museum Bot** @MuseumBot · Dec 24  
Standing Male Nude [metmuseum.org/collection/the...](http://metmuseum.org/collection/the...)  
[pic.twitter.com/87Z3o1JkTJ](http://pic.twitter.com/87Z3o1JkTJ)

← ↻ 1 📌 ⭐ 1 ⋮

 **AppreciationBot**  
@AppreciationBot



Following

.@MuseumBot You can imagine the kind of bus that might have inspired this one! It's a good one, this.

← ↻ ⭐ ⋮

FAVORITE  
1



6:45 AM - 24 Dec 2014



Plus, it's nice!

(#botALLY)

# “Someone should make a bot...”

## @ThreeCourseMeal



## @GreatBottishBakeOff

Judges meals for their balance of flavours, gives scores and sarcastic/witty criticism.

## @HouseBotdeaux

Suggests wines to go with particular meals, (perhaps with amusing descriptions of their flavour).

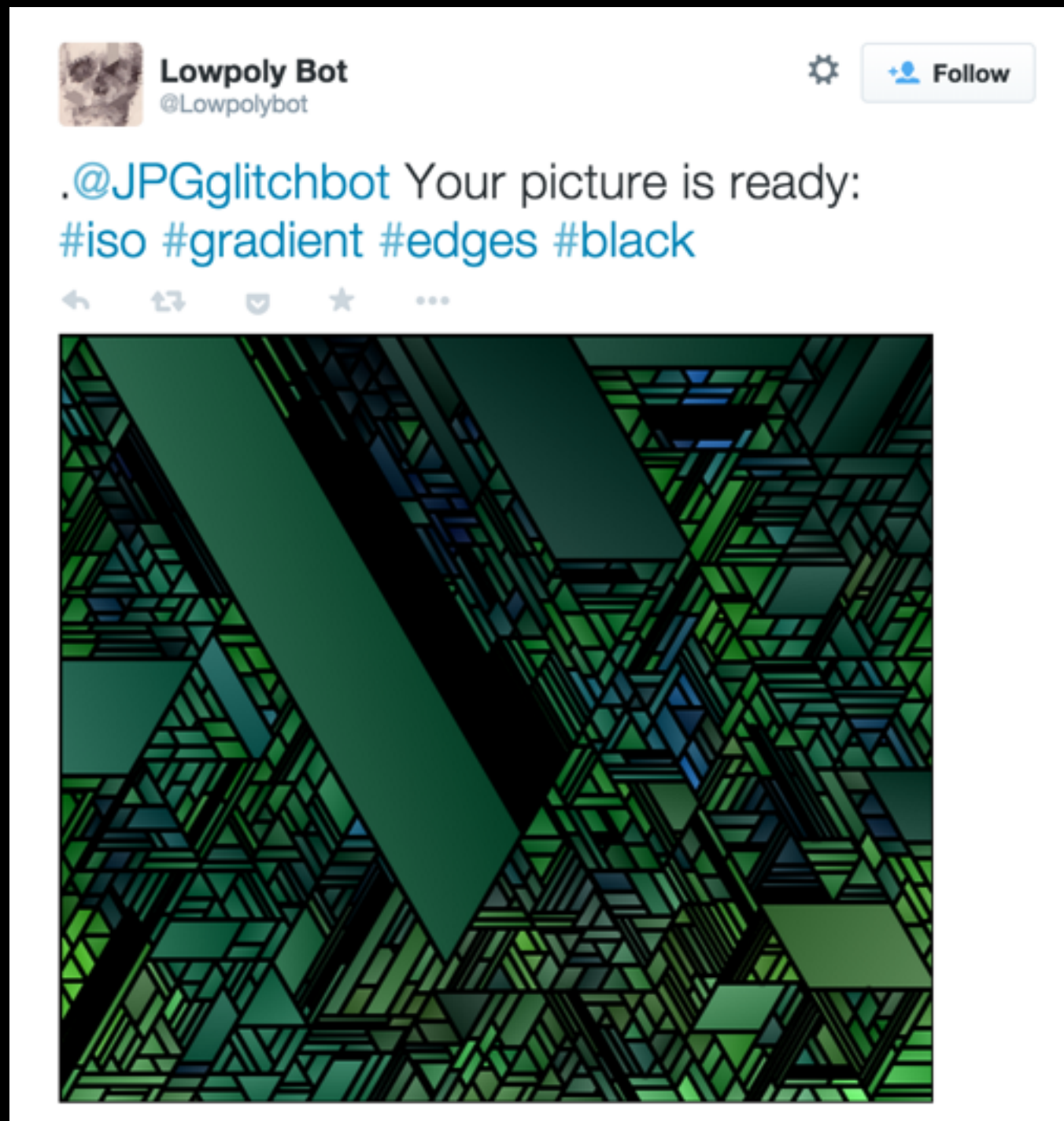
## @LesBotsHeureux

Generates fancy names for each course, with appropriately fancy descriptions of the dishes.

Build a network with  
people in this room!

# Black Box Bots

# Consider building bots which are *functional*



Bots which give regularly-formatted output, or take special kinds of input, can be used by anyone!

This encourages other botmakers to join in with the building of creative bot communities!

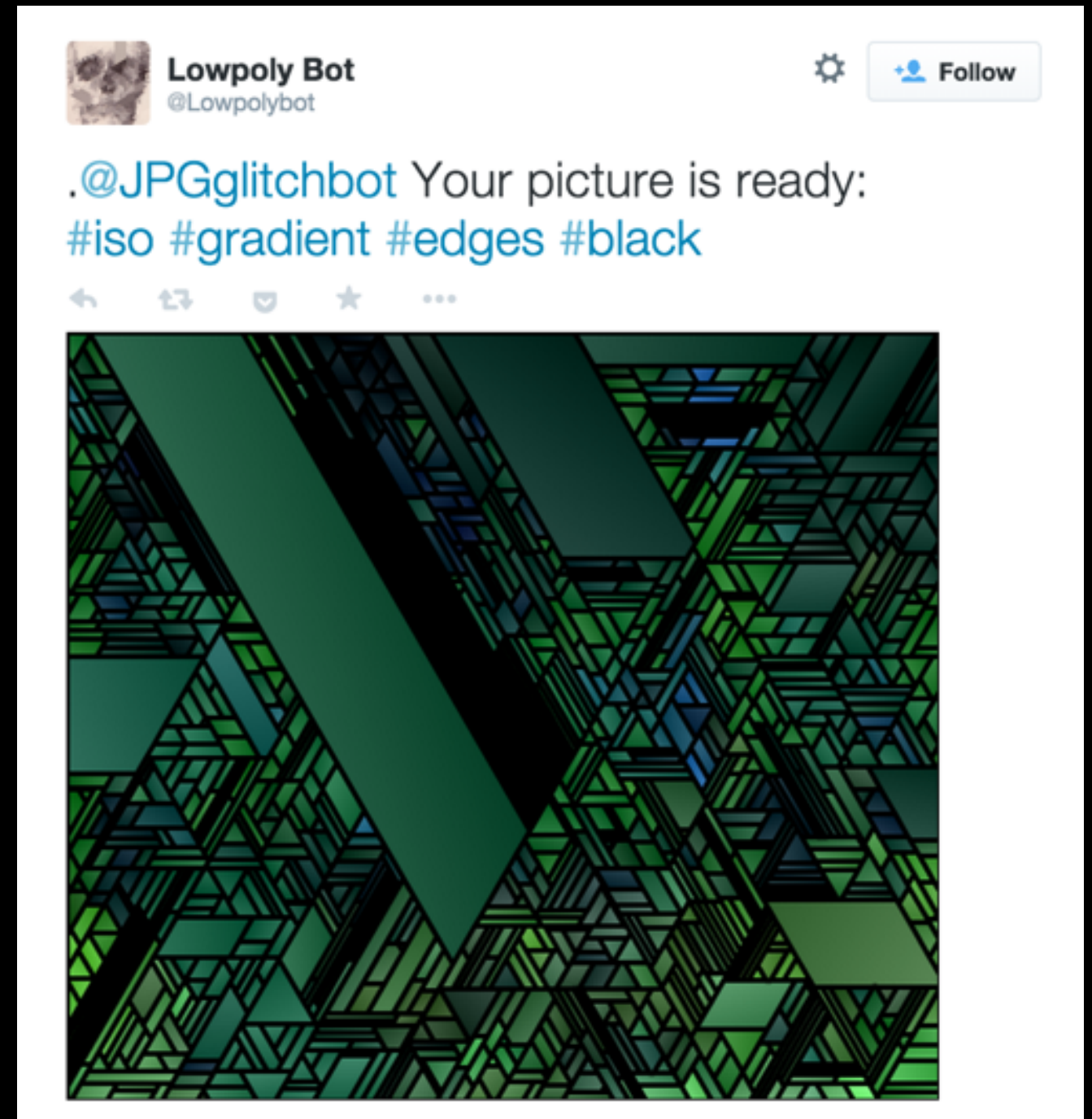


# Consider building bots which are *functional*

@-messages become requests from a particular user.

Accept #hashtags as a way of setting options or parameters for the bot.

Bots can still be independent *and* take requests - but watch your rate limits.



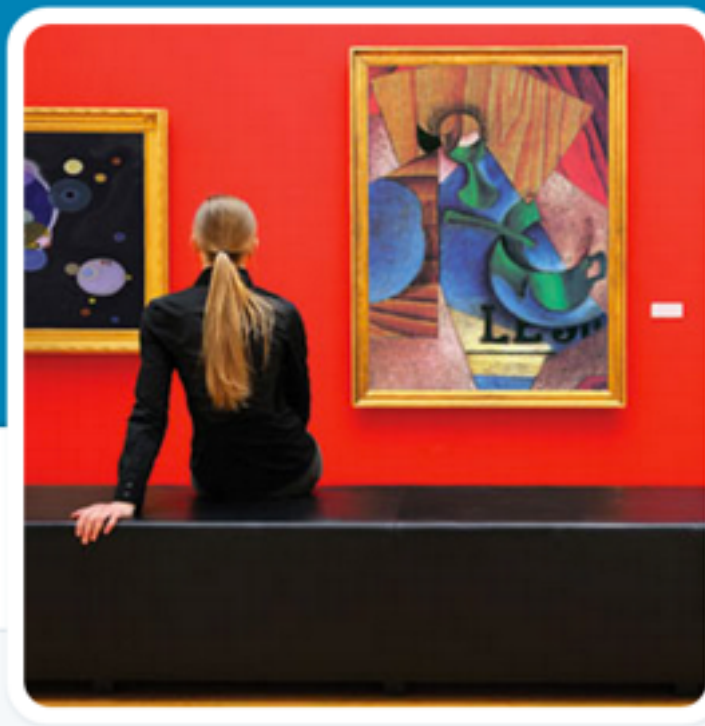
# Building A Better Bot

# 1. Lock your bot down



<https://github.com/dariusk/wordfilter>

## 2. Sign your work



### AppreciationBot

@AppreciationBot FOLLOWS YOU

I study works tweeted by @MuseumBot and give my opinion. I was taught by @mtrc, so blame him. With apologies to @dariuskazemi.

📍 The Met

🔗 [gamesbyangelina.org](http://gamesbyangelina.org)

# 3. Plan for the long term

The screenshot shows the Twitter profile of SavyGamer PC (@SavyGamerPC). The profile has 7,027 tweets, 1 following, and 124 followers. The bio states: "These Tweets are PC game posts from SavyGamer.co.uk, the UK Video Games Bargains site." The location is UK, the website is savygamer.co.uk, and it was joined in September 2012. There is a button to "Tweet to SavyGamer PC". The tweets list PC games with prices and links:

- SavyGamer PC @SavyGamerPC · Oct 12  
Far Cry 4, PC - £18.27 [bit.ly/1tSTDua](http://bit.ly/1tSTDua)
- SavyGamer PC @SavyGamerPC · Oct 12  
AssUnity, PC - £18.27 [bit.ly/1sx6ve9](http://bit.ly/1sx6ve9)
- SavyGamer PC @SavyGamerPC · Oct 12  
The Joylancer: Legendary Motor Knight, PC - £4.17 [bit.ly/1svXT7u](http://bit.ly/1svXT7u)
- SavyGamer PC @SavyGamerPC · Oct 12  
Thief [2014], PC - £4.80 [bit.ly/1svTSjr](http://bit.ly/1svTSjr)

(Especially if you're lazy like me) >\_>



# 4. Open Source (if you want)



# Thanks!



**mike@gamesbyangelina.org**  
**@mtrc**