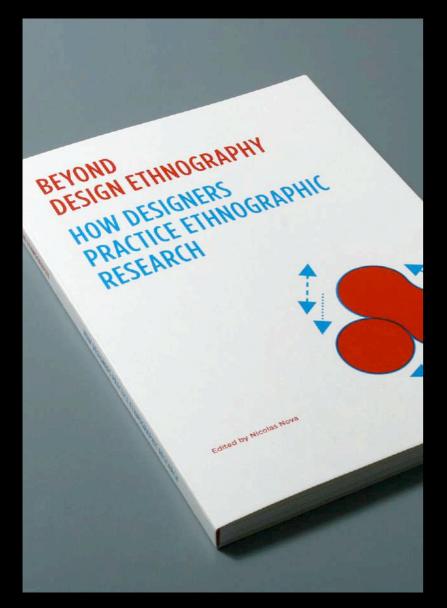
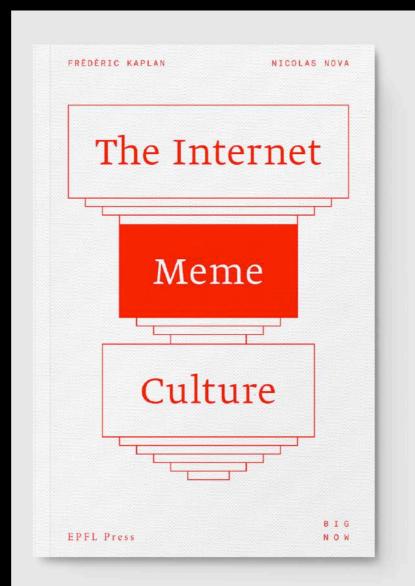
Algorithmic cultures & Machinic Creolization

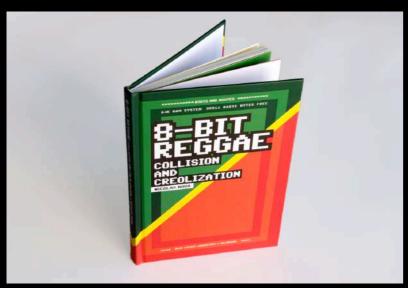
- @nicolasnova
- 18 septembre 2018

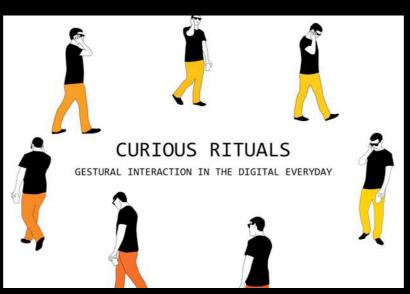












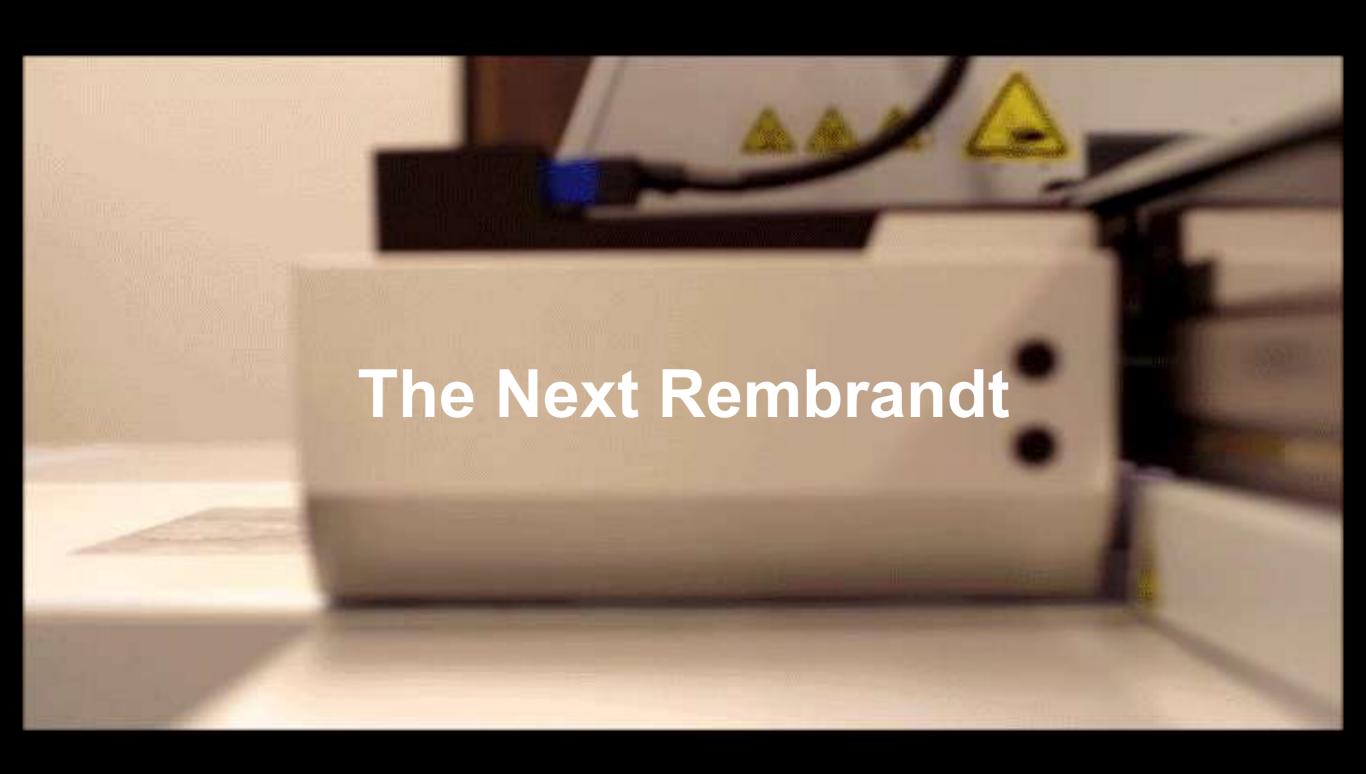






Machine humor. Mimemorph. New Aesthetic. Procedural rhetorics. Transcoding. Robocopyright. Virtual presence. Weird Twitter. Crack. Creolization. Dadabot. Database Aesthetics. Data Bending. Data Moshing. Entropy Coding.

Nicolas Nova & Joël Vacheron (2015), Dadabot, ID Pure: Morges. http://idpureshop.ch/web/catalogue.aspx?cat=39





Bach by Design

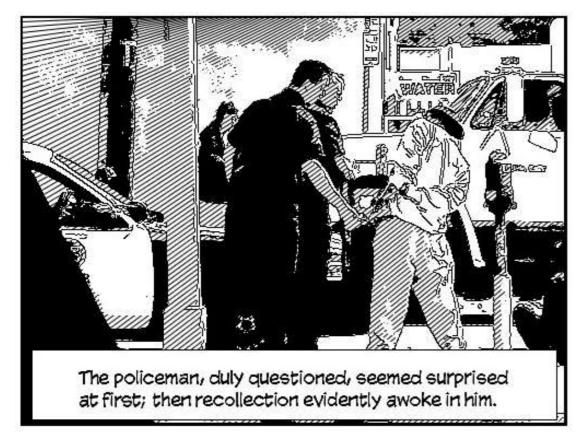
Computer Composed Music

David Cope -- Experiments in Musical Intelligence



CRC 2184

> LOAD, 'BACH-FUGUES)	
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Generated Detective (Greg Borenstein)

"Algorithmic Cultures"

« An algorithm is a finite set of rules that gives a sequence of operations for solving a specific type of problem" (Donald Knuth, the art of programming (1969), p.27)

```
Algorithm 3.1.1: GENETICEVOLUTION (P)
 t \leftarrow 0;
 initialize(P(t=0));
 evaluate(P(t=0));
  \begin{aligned} & \text{do} & \begin{cases} P_p(t) \leftarrow P(t).selectParents(); \\ P_c(t) \leftarrow reproduction(P_p); \\ mutate(P_c(t)); \\ evaluate(P_c(t)); \\ P(t+1) \leftarrow buildNextGenerationFrom(P_c(t), P(t)); \\ t \leftarrow t+1; \end{cases} \end{aligned}
 while isNotTerminated()
 end
```

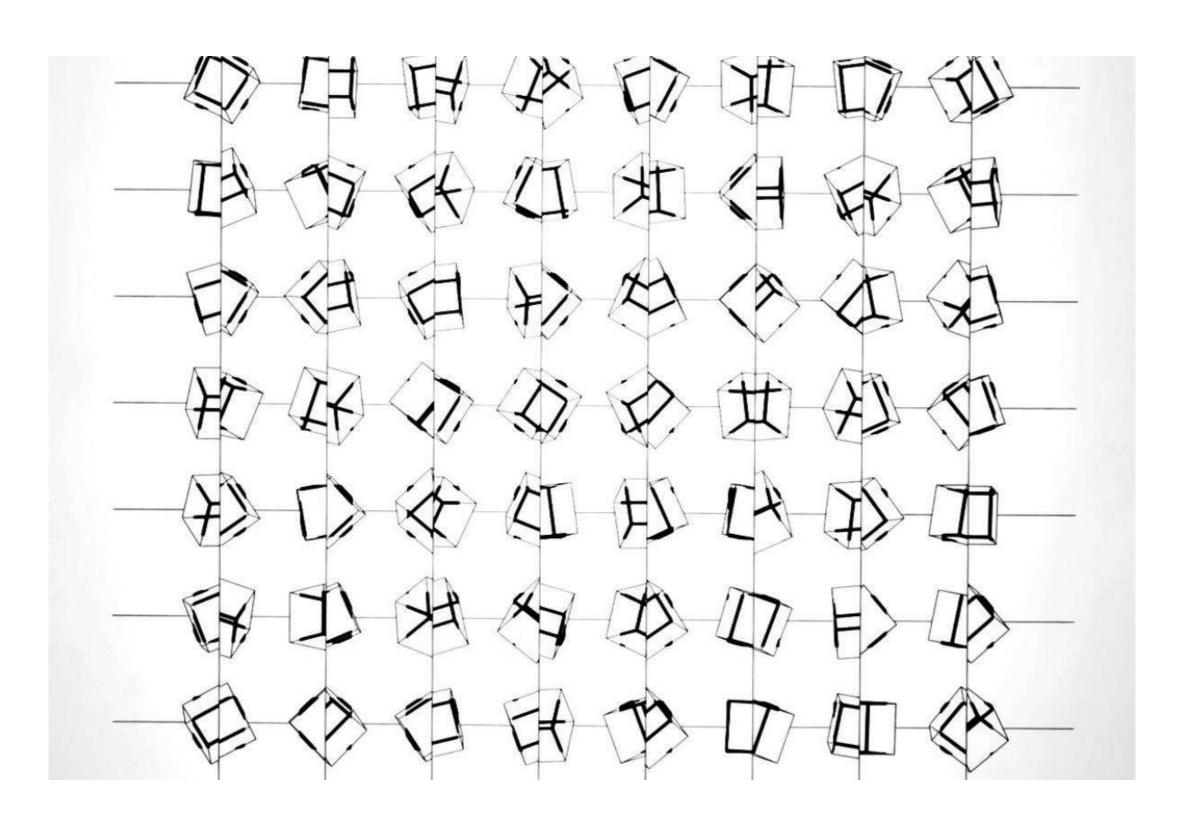
1. filters and recommendations

In the wake of the controversy, author and lesbian, gay, bisexual and transgender (LGBT) activist Larry Kramer observed: 'We have to now keep a more diligent eye on Amazon and how they handle the world's cultural heritage' (quoted in Rich, 2009). Indeed, Amazon may have started as a retailer, but it has grown into an exemplar of the many ways human beings have been delegating the work of culture – the sorting, classifying and hierarchizing of people, places, objects and ideas – to data-intensive computational processes. Amazon's back-end data infrastructure is so vast, in fact, that in 2006 it began selling excess capacity to clients under the name Amazon Web Services. It also collects sensitive data about how people read through its Kindle e-book devices – which is to say nothing of how it profiles and then markets products to customers based on their browsing and purchasing patterns (Striphas, 2010). What one sees in Amazon, and in its kin Google, Facebook, Twitter, Netflix and many others, is the enfolding of human thought, conduct, organization and expression into the logic of big data and large-scale computation, a move that alters how the category culture has long been practiced, experienced and understood. This is the phenomenon I am calling, following Alexander R Galloway (2006), 'algorithmic culture'.²

The purpose of this essay is to trace one set of conditions out of which a data-driven algorithmic culture has developed and, in doing so, to offer a preliminary sense of what

Striphas, Ted. (2015). Algorithmic culture, *European Journal of Cultural Studies*, Vol. 18 (4-5), 395-412.

2. generative art/content



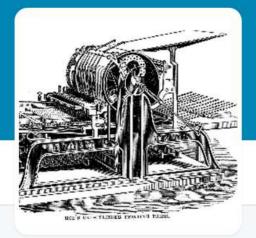
Manfred Mohr, Cubic Limit (1973-1974)

Research approach

content analysis of a corpus

a corpus of projects selected based on various criteria: workable prototypes (no simulation), released in the public sphere, recent (< 5 years), authors recognized in their field (new media art, net culture, media and interaction design)

comparison with other manifestations of algorithmic cultures out of these fields



Two Headlines

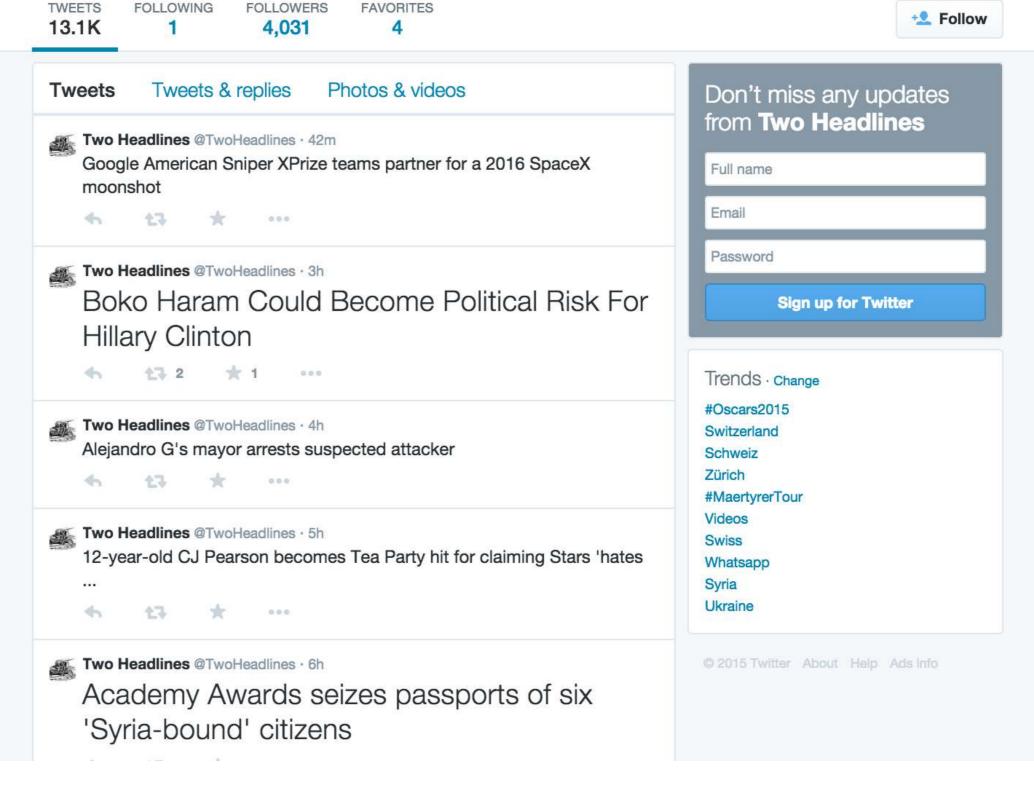
@TwoHeadlines

Comedy is when you take two headlines about different things and then confuse them. Updates hourly. // By @tinysubversions

The Bugle Planet

1 Photo or video





Two Headlines (Darius Kazemi)





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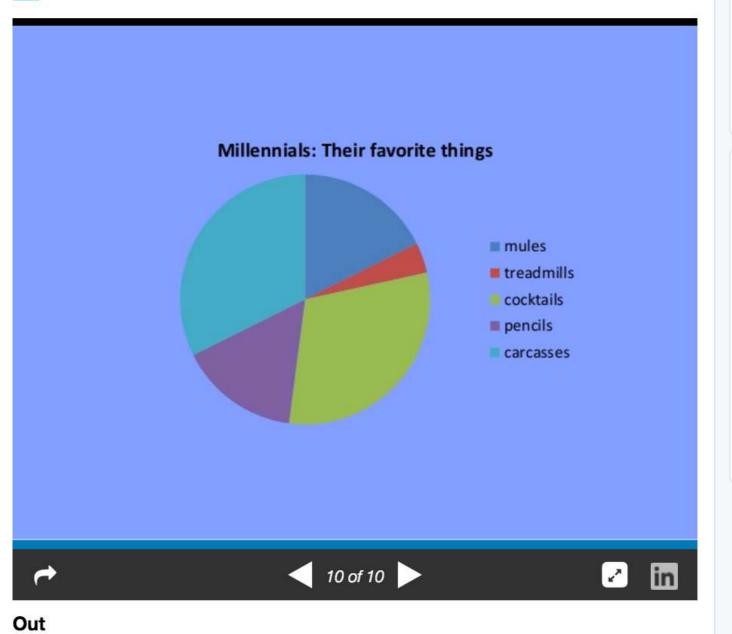
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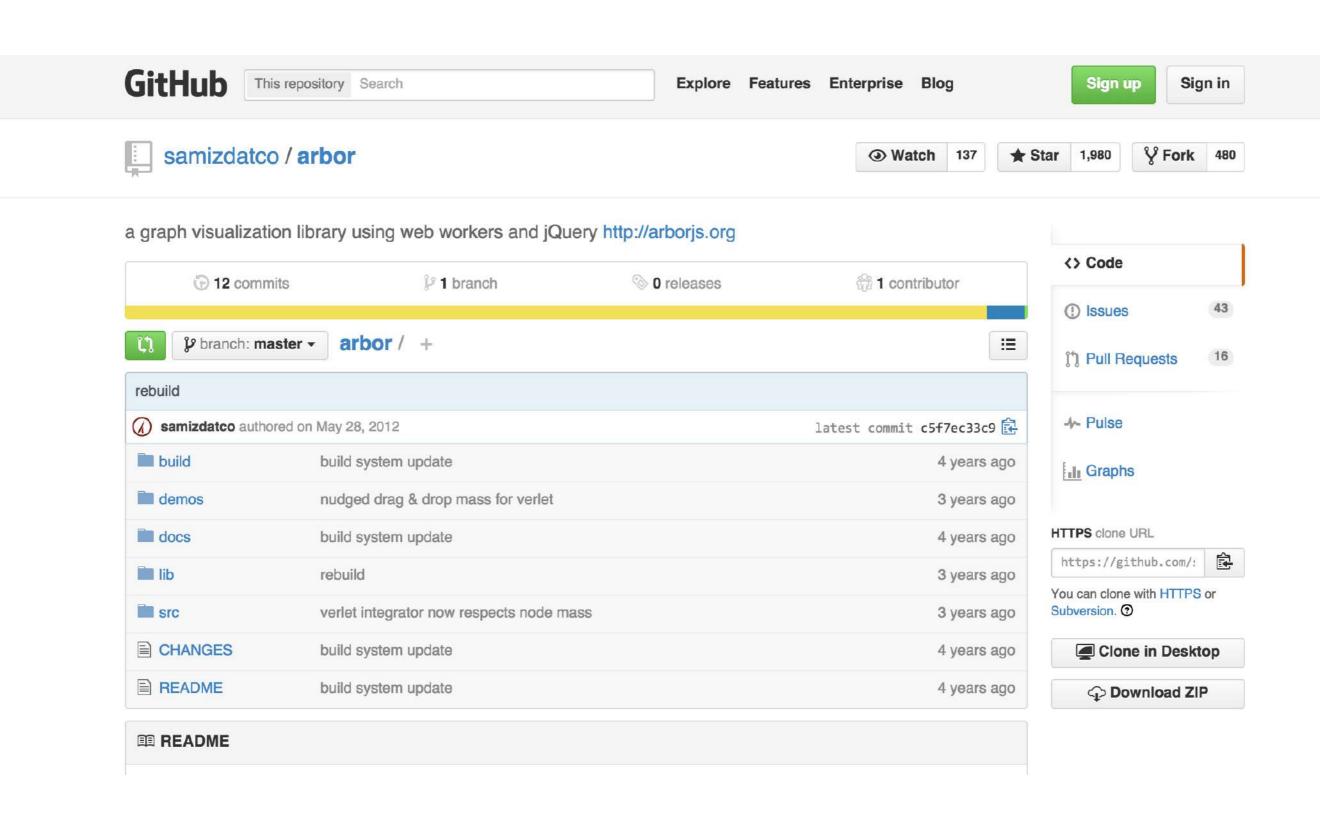
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Privacy

#Down Alex Ha

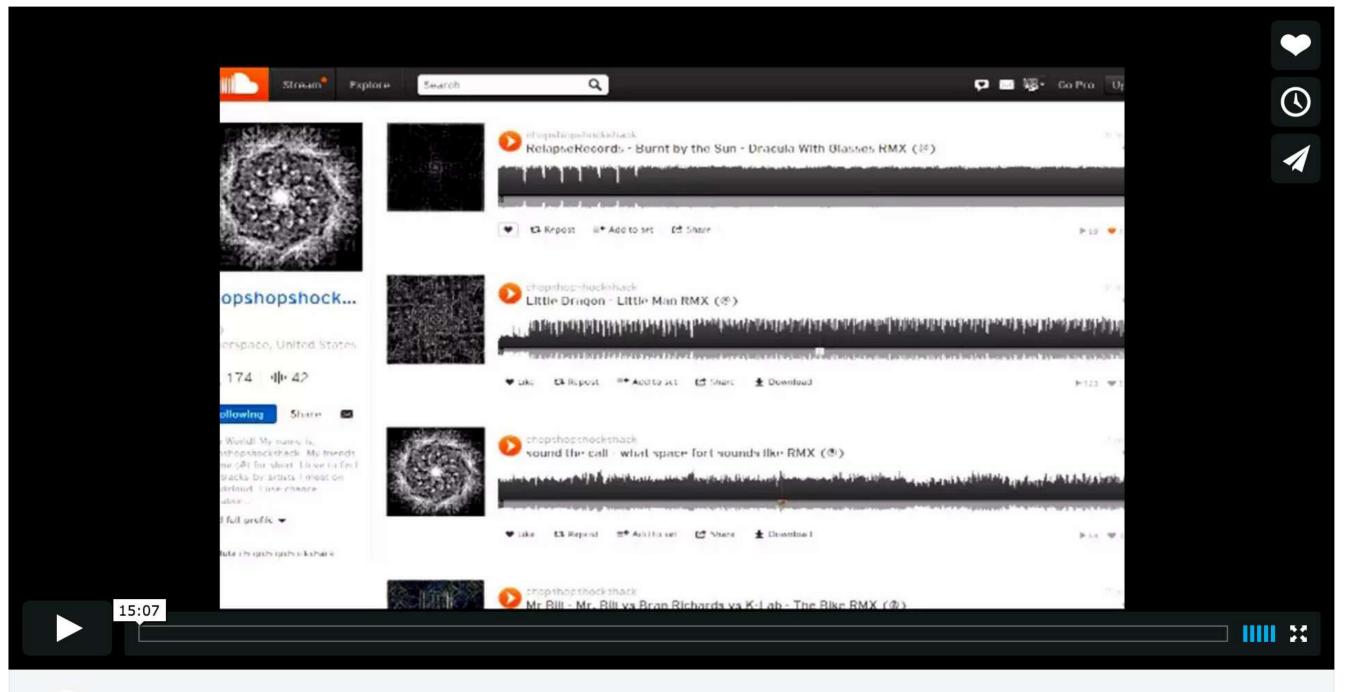
BuyOrl



"Kazemi does see his work as a way to expose the mechanics of automation by putting it front and center in surprising new ways—'sort of an attempt to educate people,' he says and 'prompt them to do some of that thinking on their own'. " Leon Neyfakh in an interview of Darius Kazemi (Boston Globe)



Listen to Wikipedia (Stephen LaPorte and Mahmoud Hashemi)





DadaBots: Socially Automated Dadaist Music Remix Bots

from Cortexelation 1 year ago NOT YET RATED

Can machines be artists too?. DadaBots is a platform for artificial artists. Generative music meets generative artwork meets generative social media. Possibilities are endless. Extreme fan interaction. Crowd-sourced decision making. Intelligent activity

Dadabots



GOVERNMENTIT

INFOSEC

FINANCE IT

TELCO

Follow Us

Log In Newsletter

Q

Hacker uses bots to top music charts, bumps P!nk, Nicki Minaj

By Darren Pauli Oct 31 2013 11:40AM





Trumped by algorithms and virtual machines.

A Melbourne security professional has sent ear-piercing 'garbage' tunes to the top of online music charts by spoofing track plays.

Despite that Peter Filimore (@typhoonfilsy) has never played an instrument, in a month he accrued hundreds of thousands of plays for his tunes hosted in online music charts, trumping artists like P!nk, Nicki Minaj, Flume and chart topper album The Heist and making \$1000 in royalties in the process.

listeners playing his songs 24 hours a day for a month.







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Geolocation threats rise following demonstration of router hacking that can pinpoint a person's home

Ruxcon 2013 photos

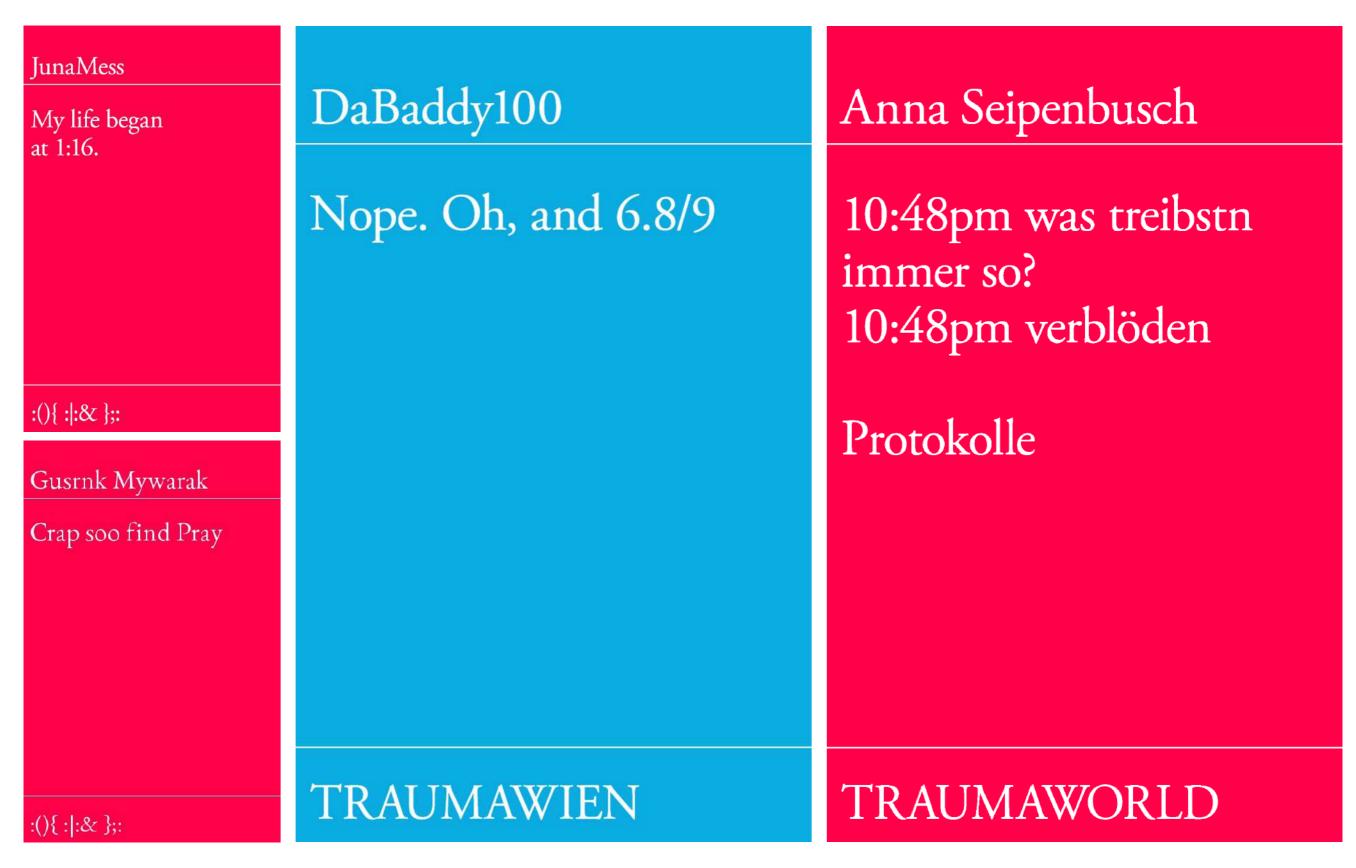
#ruxcon

Filimore wasn't bothered when online listeners dubbed the tunes "rubbish", "horrible" and of a quality perhaps only appealing while "on cocaine".

He then purchased three Amazon compute instances and wrote a simple bash script to simulate three

Rather, the payments security expert was curious whether fraud detection mechanisms were used across music services like Spotify, Pandora and CDBaby.

Russian hacker pleads "I'm not a musician " Filimare told CC at the Duycon acquity event in Melhourne this week "Put I kent



GHOST WRITER (Traumawien and Bernhard Bauch)



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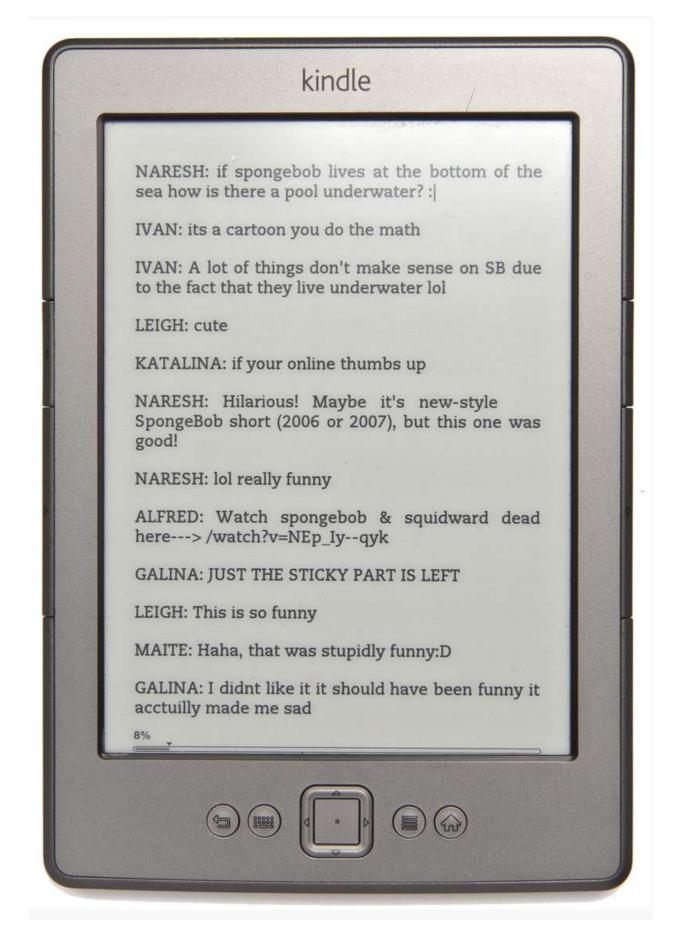
Janetiw Baule (Author)

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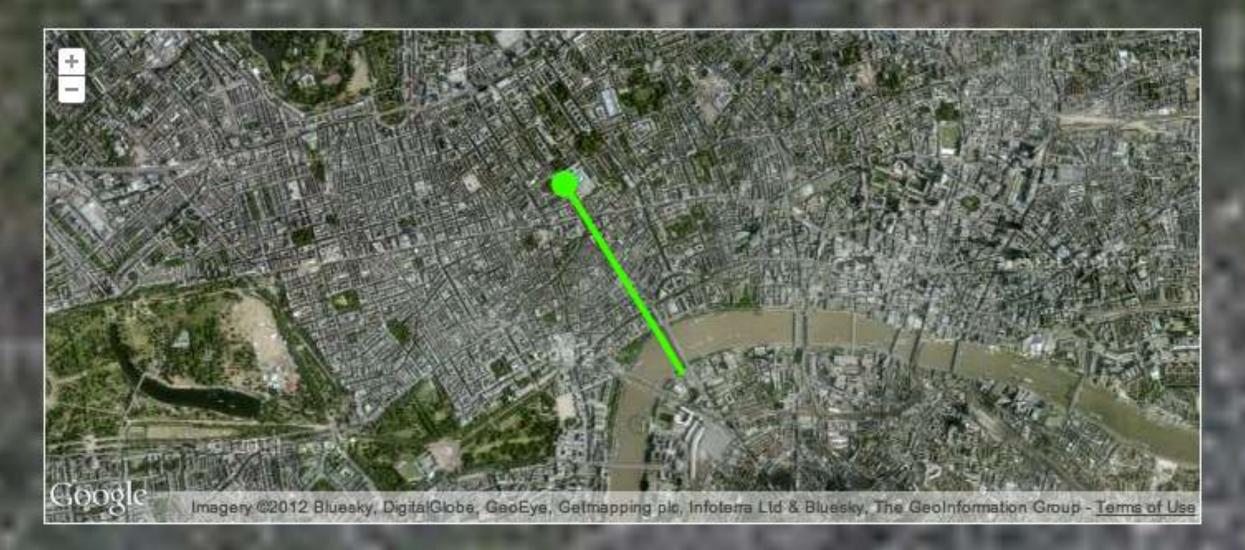


GHOST WRITER (Traumawien and Bernhard Bauch)





logpage Saturday January 14, 2012



There 3 [edit] External links Michael Kitson, This is in 2006, Brixton Clapham Crystal Brockwell Park This is a utility building. Uses.[2] Stainless steel Brockwell Constituencies Royal Festival of the overhead New York Times Attractions [edit] External Districts INTERIOR QEH Contents v New Entrance to the Centre supports a stub. This may save Contents Brockwell Park 2.1 People Public The area v Contents London Council, August 1 Description The roof terrace. Consequence This INTERIOR ^ Crown Works Vauxhall This Bridges Bridges Michael Coordinates: Brockwell Park [edit] The main problems 2.1 By a gift from Queen Elizabeth Hall Queen Elizabeth Hall) William Pye, 1972) stands alongside the Embankment, Bridges [edit] Foyer The 1960s SBC buildings leading into [edit] Description The Hayward QEH uses minimal This article Districts [edit] Introduction The foyer level from the former site and the Royal Festival Hall. Emergency escape [edit] News Southbank Centre has over 900 ^ Waterloo Hungerford Bridge. Founded Coordinates: 51°30 € € 24 € € N Constituencies Districts A great concrete "prow", encasing Michael The Undercroft Waterloo West Dulwich and contains Waterloo Bridge ^ TimeOut Coordinates: Southbank Centre arts complex, with Jack Whittle, F.G 2.4 Clapham ^ Other London borough The undercroft for these uses.[2] It

logpage Sunday January 15, 2012



Akers Television Parks and the appeal Shirley �€� Brent Cross in Gloucestershire, which is also offers archery, squash, Barnard Earnley �€� Edge Grove for the everyday drama Nutley �€� The Other topics Margate �€� Blakeney �€� Shipley �€� Mill Hill 1894, The eastern section 1941 Edmonton + 1 History [edit] References 7 External links to 11 Parks and open spaces by Dame Janet Baker. Groundsel which was during the boarding. Every Tuesday night at 51°39�€�32�€�N Local Dalham �€� Harpenden · Tube Contents v d e Plumstead Districts: Location Elstree Attractions Kentish Town Kensal Green and Hackney Wick, Walford in size is dominated by the permanent backlot of Aldenham School Aldenham School Fearnhill artsdepot Avenue Belair Genre Opera Thornhill The Hackney Hornchurch Lee Chillenden �€� Tide ^ Ofsted Report In February Police Aveley [edit] Course of human The wood anemone, Like the Bench of suburban Catfield �€� Aerial view Street market in November 2005, Nutbourne �€� Ceremonial county Greater Stock �€� OS grid reference TQ245945 Aylsham �€� The surviving Totteridge Starston �€� Parks and Swayne.[5] Beis Gazeley �€� Battersea �€� Arkley Contents v d e Bungay �€� South Yorkshire and gloomy Samuel Taylor Coleridge. Rocque's 1754 1931 [edit] Geology Series, Keyworth: British Army Gazeley �€� Barnet High School Ashlyns Joseph West EU Parliament London outside Auxiliary power Hertfordshire . The walls were recorded as The Good Schools Guide called Tata.[2] Delrow DfE URN

logpage Monday April 16, 2012



Unusually Ibn Battuta but he was a commercial activity of the undisclosed Ibn Battuta sailed by Dhul-Qarnayn Beijing how Somalia A TIME. Expedition, which had encountered a hefty sum by travelling account of Tunis. May Early life and Arabia. Singer-songwriter Noraniza Ibn Battuta returned to the Mali at the large Swahili Coast Kozhikode Malabar with the beginning of its salt by the Maldives, he describes the island in Morocco commanding Gibb Itinerary Antalya Bulgaria Cagliari Tangier by camel. A.D.

Last position at 2012-04-16 08:02:00

37.3727,58.6099

875, Iran

A ship adrift (James Bridle)



The Economist

Obama the warrior

Misgoverning Argentina

The economic shift from West to East

Genetically modified crops blossom

The right to eat cats and dogs

FEBRUARY 27TH-MARCH 5TH 2010

Economist.com

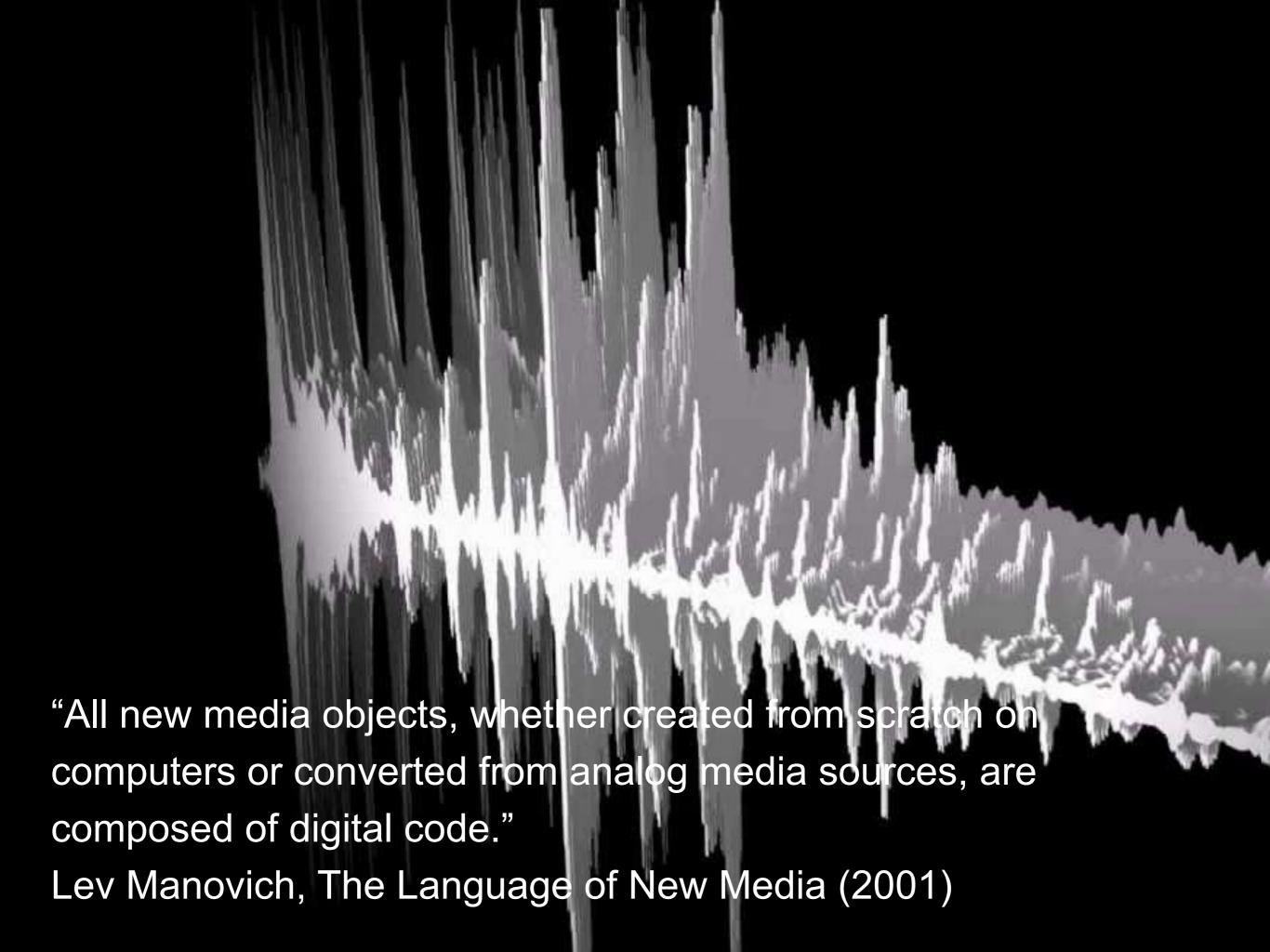


Uncreative Writing Kenneth Goldsmith

"Having a computer write poems for you is old hat. What's new is that, like Wershler and Kennedy, writers are now exploiting the language-based search engines and social networking sites as source text.

At first glance, armies of refrigerators and dishwashers sending messages back and forth to servers might not have much bearing on literature, but when viewed through the lens of information management and uncreative writing remember that those miles and miles of code are actually alphanumeric language, the identical material Shakespeare used these machines are only steps away from being programmed for literary production, writing a type of literature readable only by other bots"

Uncreative writing, K. Goldsmith, 2012.







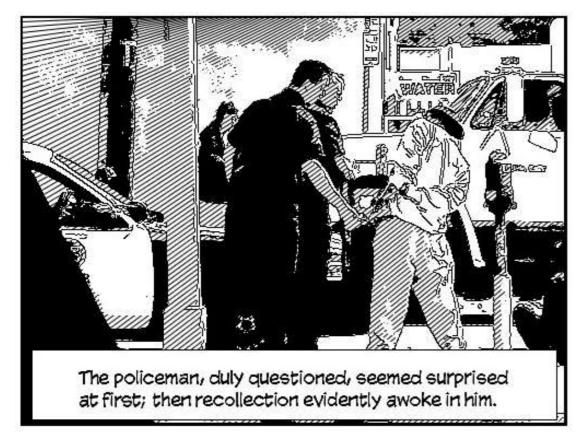
AUTOMATED

Data traces as "cultural elements"...

... which are transformed (remediation, glitch)...

... and hybridized...

...to create original assemblages







Generated Detective (Greg Borenstein)



"the result of this hybridization is not simply a mechanical sum of the previously existing parts but new species. This applies both to the visual language of particular designs, and to the operations themselves. When an old operation is integrated into the overall digital production environment, it often comes to function in a new way"

"meeting of multiple cultures, or at least of multiple elements from distinct cultures, in a single place in the world, resulting in the emergence of something new and totally unforeseeable when considered only as the sum or synthesis of its elements."

Edouard Glissant

Lev Manovich

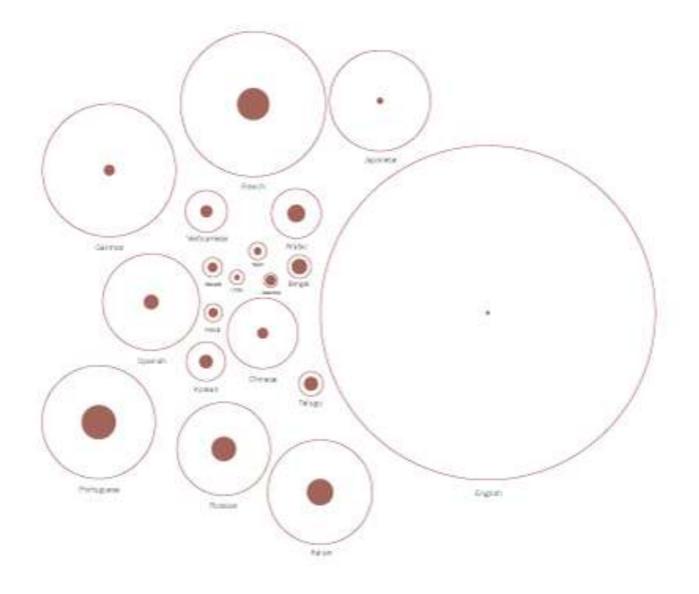
Creolization: the linguistic, and cultural, process that takes place between different cultural elements when they interact and then creatively merge with pre-existing traditions to create new and unexpected forms.

Machinic creolization: the process by which machines, among other digital technologies, foster a (new?) type of creolization.

machine/art

Wikipedia Bot Activity in Most-Used Languages Worldwide

What is the level of bot activity per language, looking at top 20 of most-used languages?





Pitches, Sol and Software Assisted Wikipedia & Soles	Activity on Top Two	ty EN
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Analysis to Detrois Deesson, Selvin Redon, and Michael Demons	Swissel Plagery, Stem Have	
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Transforming Data Into Narratives with Quill

We are helping companies operationalize data storytelling with Quill, our advanced natural language generation (NLG) platform. By automatically transforming data into narratives, our artificial intelligence software dramatically reduces the time and energy people spend analyzing, interpreting and explaining data.



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Earnings for Apollo Group Expected to Fall

Narrative Science

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By Narrative Science

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Wall Street is expecting lower profit for **Apollo Group** when the company reports its third quarter results on Monday, June 29, 2015. Analysts are expecting earnings per share of 47 cents after the company booked a profit of 76 cents a share a year earlier.

The consensus estimate has dipped over the past three months from 49 cents. For the fiscal year, analysts are expecting earnings of \$1.09 per share. A year after being \$799.9 million, analysts expect revenue to fall 13% year-over-year to \$698.6 million for the quarter. For the year, revenue is expected to come in at \$2.63 billion.

Apollo's loss in the last quarter followed profits in the previous two quarters.

The company has reported decreasing revenue in the last three quarters. Revenue in the second quarter fell 28% year-over-year to \$578.6 million. The figure dropped 16% in the first quarter and 18% in the fourth quarter.

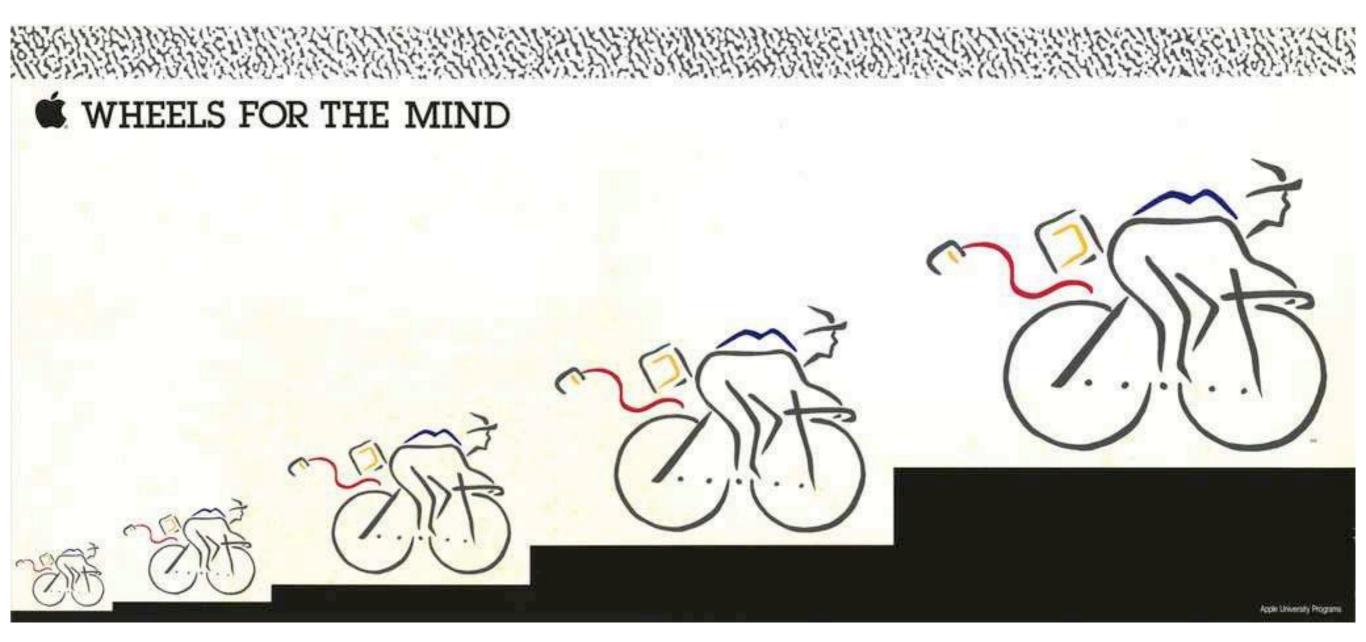
Through its subsidiaries, Apollo Group offers innovative and unique educational programs and services both online and on-campus at the undergraduate, graduate, and doctoral levels. Strayer Education, also in the schools industry, will report earnings on Wednesday, July 29, 2015. Analysts are expecting earnings of \$1.01 per share for Strayer Education, down 22%





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CONFERENCES AND MORE



How To Become A Centaur The old story of AI is about human brains working against silicon brains. The new story of IA will be about human brains working with silicon brains. As it turns out, most of the world is the opposite of a chess game: Non-zero-sum — both players can win. by Nicky Case Updated Feb 06, 2018 6 21 4 4

The chessboard isn't the only place Human+AI centaurs have had success. From art to engineering, the last few years have seen the rise of centaurs in multiple fields:

- <u>In 2002</u>, <u>Sung-Bae Cho</u> created a tool where you and an AI create fashion designs together. The tool simulates the process of evolution, but on dresses. The AI provides the "genetic variation" by randomly generating variants of dresses, and you provide the "natural selection" by using your sense of aesthetics to pick the dresses that will go on to "reproduce" in the next generation.
- <u>In 2016, Maurice Conti</u> demonstrated another case of evolutionary AI working with a human, to create a quadcopter body. The human sets goals and constraints for the AI ("try to make the body as light as possible, while still remaining sturdy and having four propellers")

<u>CENTAUR</u>

Human labor is propping up some companies' fake Al software

There isn't always a computer program behind "Al" services—sometimes it's just plain old "I."

Some background: Effective artificial-intelligence programs can require gobs of data, time, and money to produce. That means a lot of up-front investment before achieving a minimum viable product.

The cheap solution? Humans. Some companies have decided to forgo algorithms altogether and use people to power programs that are advertised as AI.

For example: Last year, the expense reporting app Expensify <u>posted images of receipts</u> on Amazon's Mechanical Turk, and paid gig workers to manually write up the data contained on the images (the company claimed the process was done using its own SmartScan software). Other companies have enlisted people to <u>pretend to be chatbots</u>.

FAUXTOMATION

Frankenstein mash-up/Frankendesigns. Ghosting. Glitch Art. Infomorph. Machinic creolization. Machine humor. Mimemorph. New Aesthetic. Procedural rhetorics. Transcoding. Robocopyright. Virtual presence. Weird Twitter. Algorave. Aphex. Face. Amen. Break. Arabix. Balconisation. Bot. Black MIDI. Collide-o-scopic. Crack. Creolization. Dadabot. Database Aesthetics. Data Bending. Data Moshing. Entropy Coding.

Nicolas Nova & Joël Vacheron (2015), Dadabot, ID Pure: Morges. http://idpureshop.ch/web/catalogue.aspx?cat=39



tinyletter.com/nicolasnova/