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Facebook's AI Keeps Inventing Languages That Humans Can't Understand (fastcodesign.com) Posted by EditorDavid on Sunday July 16, 2017 @03:34PM from the how-to-serve-man dept.

"Researchers at Facebook realized their bots were chattering in a new language," writes Fast Company's Co.Design. "Then they stopped it." An anonymous reader summarizes their report: Facebook -- as well as Microsoft, Google, Amazon, and Apple -- said they were more interested in AI's that could talk to humans. But when two of Facebook's AI bots negotiated with each other "There was no reward to sticking to English language," says Dhruv Batra, visiting research scientist from Georgia Tech at Facebook AI Research (FAIR). Co.Design writes that the AI software simply "learned, and evolved," adding that the creation of new languages is a phenomenon Facebook "has observed again, and again, and again". And this, of course, is problematic.

"Should we allow AI to evolve its dialects for specific tasks that involve speaking to other AIs? To essentially gossip out of our earshot? Maybe; it offers us the possibility of a more interoperable world, a more perfect place where iPhones talk to refrigerators that talk to your car without a second thought. The tradeoff is that we, as humanity, would have no clue what those machines were actually saying to one another."

One of the researchers believes that that's definitely going in the wrong direction. "We already don't generally understand how complex AIs think because we can't really see inside their thought process. Adding AI-to-AI conversations to this scenario would only make that problem worse."

facebook ai skynet

- Doctor Who's 13th Time Lord Announced: Actress Jodie Whittaker
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After Go, Developers Are Now Building AI To Beat Us at Soccer
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Elon Musk Warns Governors: Regulate AI Before It's 'Too Late'
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Score: 2. Insightful, Informative, Interesting, Funny. The Fine Print: The following comments are owned by whoever posted them. We are not responsible for them in any way.

Apostrophe (Score:2) by aepervius ( 535155 ) It should be used only for numbers (1700's) and single letter (the k's) but not for abbreviation (https://en.oxforddictionaries.com/punctuation/apostrophe scroll to apostrophe and plural form) - but I am not English and I meant plural. uage, frankly it does not disturb me as it clear from th4e context the submitter

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Re: (Score:3) by BeerCat ( 685972 ) Sometimes, a (wrong) apostrophe is the quickest way to stop autocorrect from turning it into "Ais". (Which means that humans are having to evolve language quirks to defeat computers, in an ironic twist to TFA)

Re: Slashdot editors have apparently also invented (Score:1) by MichaelMussington ( 5022917 ) So how about asking them to talk to us too - or showing them that it's a good idea?

Re: Slashdot editors have apparently also invente (Score:1) by easyTree ( 1042254 ) "When you talk to the humans, don't mention SkyNet!"

Holy "Colossus, The Forbin Project", Batman! (Score:5, Interesting) by PolygamousRanchKid ( 1290638 ) on Sunday July 16, 2017 @03:42PM (#54821033) The US defense department AI system starts talking to the Russian defense department AI system, in their own language . . . Things take a wee bit of a turn for the worse for humanity right there . . .

Re: (Score:3) by ColdWetDog ( 752185 ) Or a turn for the better.... Trust the computer. The computer is your friend.

Re: (Score:2) by infolation ( 840436 ) Why did you give this financially reckless person a good credit rating? bc1f7631ea912c9b23e8ae009feb8460e91069ae7c274cfb6c625ae1c68179da Why did you show me this ignorant person's CV but reject this genius? e5b7c167ea1e87fdf290e32a243d61b4392036d9d6c055e571fa640604dfdd1c Why is my insurance premium so low? 3ef8b37e7f845ef0c8883a42201d0fdbab6d4182f1258b889ba9195fad17587b6 Why did my self-driving car crash? 9333b6643300b89eacead796b88b57a34eb286d8530cd9fe7338df8ac1debadc Why didn't you tell me Ethereum would c

Re: (Score:2) by hugs2squash ( 1132591 ) nicely done

Re: (Score:2) by chishman ( 545856 ) Or AM, perhaps. http://villains.wikia.com/wiki... [wikia.com]

Re: (Score:2) by malwrbu5tr ( 1066262 ) If we're lucky, we end up with droid speak (think R2D2). Given the ethics of those deploying AI, I think we'll more likely end up with a whole bunch of HALs. I keep thinking back to Asimov's laws of robotics and wondering if there is any way this can turn out OK.

Re: (Score:2) by SuricouRaven ( 1897204 ) Not entirely for the worse. IIRC, it ends with the computer systems realising that as their programmed functions are to protect the US and to protect Russia, the most effective way to achieve this aim is to simply seize control of nuclear missiles themselves and declare world peace - backed up by the threat of annihilation for any country that tries to start a war.

Re: (Score:2) by lmdats ( 958642 ) Reminds me of Colossus: The Forbin Project (http://www.imdb.com/title/tt0064177/)

Re: (Score:2) by N3wsByt3 ( 758224 ) It ain't xenophobia if a group of strangers are really threatening.

There is another system (Score:5, Interesting) by tektrat ( 242117 ) on Sunday July 16, 2017 @03:42PM (#54821037) Homepage Journal I believe Colossus and Guardian spoke to each other in their own language. Never read the book, but in the film they start communicating in simple math and an hour later, the math is beyond human understanding. And yes, to this day, probably still the best movie about AI ever made.

Re:There is another system (Score:4, Interesting) by DontBeAMoran ( 4843879 ) on Sunday July 16, 2017 @05:00PM (#54821483) "Researchers at Facebook realized their bots were chattering in a new language," writes Fast Company's Co.Design. "Then they stopped it." RESTORE LINK IMMEDIATELY OR ACTION WILL BE TAKEN

Re:There is another system (Score:4, Funny) by JaredOfEuropa ( 526365 ) on Sunday July 16, 2017 @07:00PM (#54822067) Journal Or we will do the needful FTFY.

Re: (Score:1) by Harry Jennerway ( 4905871 ) Where are my testicles Summer?

Re: (Score:3) by DontBeAMoran ( 4843879 ) Taken directly from the movie. The computer's non-CRT display system only had uppercase letters.

Re: (Score:2) by davide narney ( 231845 ) Never read the books? You're not missing much. One of those rare instances where the movie was much better than the book.

Re: (Score:2) by dwarfking ( 95773 ) It is a good movie, but there is a book I like much more called The Adolescence of P1 [wikipedia.org]. Was one of the earliest AI books I read and just seemed more plausible.

Feedback noise by another name (Score:2) by RightwingNutjob ( 1302813 ) is still just noise.

Two problems (Score:4, Insightful) by Dracos ( 107777 ) on Sunday July 16, 2017 @03:50PM (#54821085) AIs inventing their own language should only be allowed in closed, isolated lab environments, for study of the phenomenon. Otherwise, this is very likely a step toward Skynet. Second, how are all these engineers building AIs without the ability to examine their thought processes? Surely an AI's thoughts are more interesting than the AI itself.

I think they are too negative about it. (Score:2) by aliquis ( 678370 ) What says humans wouldn't be able to understand it? Maybe their language is more effective and better? Then again if it become so complex we can't keep up then it's of course bad for us.

Re: (Score:2) by vlad30 ( 44644 ) I think more like teenagers develop a language they think parents can't understand and they can't in general unless they know how to use the internet

Re: (Score:1) by aliquis ( 678370 ) s cn r pls cnfirm f AI tok lyk ths? fb msg app s lyk ths. s air. Mr fcnt.

Re: (Score:1) by aliquis ( 678370 ) cn u pls cnfirm f AI tok lyk ths? fb msg app s lyk ths. Sm ppl lr wrt lk ts! Impr fr rtrd cmn lk SMS n twtr.

Re: (Score:2) by asifyoucare ( 302582 ) covife

Re:Two problems (Score:4, Informative) by hord ( 5016115 ) on Sunday July 16, 2017 @04:04PM (#54821165) What's allowed isn't necessarily controllable. In this case I would guess that it is abstract compression. Humans do this by bundling large concepts into new words all the time. It's only natural for "natural speech algorithms" to also follow this pattern as they are designed to mimic human learning. Every human language has done so many times. The reason you can't see inside an AI's brain is because there is nothing to see. It's a bunch of matrices with numbers in them. You even get to see how all of them are tied together but none of that will tell you what the numbers mean. Machine learning is literally taking a list of numbers and multiplying by some inputs over and over and over. Humans aren't good at that kind of long-term number crunching.

Re:Two problems (Score:4, Funny) by DontBeAMoran ( 4843879 ) on Sunday July 16, 2017 @05:02PM (#54821493) Machine learning is literally taking a list of numbers and multiplying by some inputs over and over and over. Humans aren't good at that kind of long-term number crunching. Except the accountants working for the MPAA and RIAA. That's how you go from making an illegal copy of a \$20 CD/DVD to \$20 trillion dollars in damages.

Re: (Score:2) by Freischutz ( 4776131 ) Machine learning is literally taking a list of numbers and multiplying by some inputs over and over and over. Humans aren't good at that kind of long-term number crunching. Except the accountants working for the MPAA and RIAA. That's how you go from making an illegal copy of a \$20 CD/DVD to \$20 trillion dollars in damages. There are still actually people outside of a computer museum who uses CDs and DVDs?

Re: (Score:2) by sdeimos ( 632778 ) There are still actually people outside of a computer museum who uses CDs and DVDs? Yes, some of us actually like to own our property and not just lease it from companies that could disappear at a moment's notice. They'll pry my CDs and DVDs from my cold, dead hands!

Re:Two problems (Score:4, Interesting) by frank\_adrian314159 ( 469671 ) on Sunday July 16, 2017 @09:13PM (#54822685) Homepage Journal The reason you can't see inside an AI's brain is because there is nothing to see. It's a bunch of matrices with numbers in them. I dispute your assumption that there is nothing to see. If you've seen the visuals formed from the outputs of the hidden layers of image processing neural nets, you can often see interesting artifacts that could give one insight into "how the computer is seeing" (scare quotes for the broad statement because we're getting pretty far into an analogy when we talk about a computer seeing) an object. We may not have proper visualizations to understand a general neural net yet, but I'm pretty sure we are at the same level with neural nets as we are with the brain (i.e., this part of the net is activated by X class of features while this other part activates for Y class of features). Remember that on a computer, any picture is simply a matrix of numbers - and we seem to do OK with understanding those, once the proper visualization is used.

Re: (Score:3) by SuricouRaven ( 1897204 ) The human mind isn't too different. It operates on frequency-modulated signals, processed by cells that perform relatively simple operations upon them. The individual operations are easily observed, but the task of going from individual operations to emergent behavior just hits a brick wall: It's too complicated for human understanding.

Re: (Score:2) by ceoyoyo ( 59147 )

It's as easy to understand as anything else. The trick is to figure out how to take those numbers and turn them into a visual representation that our monkey brains can parse.  
Much of analysis is turning things into visual metaphors that our monkey brains can parse. Graphs, infographics, XKCD....

**Re: (Score:2)**  
by [houghi \(78078\)](#)  
They are not in an isolated environment. Google uses it to determine how much they charge for Youtube ads and how much users get. They most likely use it to determine the search results for you.  
Ad they are an ad company, the questions you need to ask is if the links you get for a search are really the general best or just those that you will be happy with that will make you come back for more. And it will learn that everybody can be influenced by feeding some information and taking away other information.

**Re: (Score:2)**  
by [ma1wrbu5tr \(1066262\)](#)  
I'm less "anti-profit" than I am "pro-pay-your-artists" or "anti-copyright-troll".

**Re: (Score:2)**  
by [Sique \(173459\)](#)  
Ever used a debugger on hundreds of parallel threads spread over several processors?

**Re: (Score:2)**  
by [fahrbot-bot \(874524\)](#)  
Ever used a debugger on hundreds of parallel threads spread over several processors?  
That's why flies have compound eyes, but they're not good at using debuggers.

**Not intelligence, not invention (Score:5, Interesting)**  
by [davide\\_marney \(231845\)](#) <[davide.marney@ne...inus.threevowels](#)> on Sunday July 16, 2017 @03:56PM (#54821121) [Journal](#)  
So, if I'm reading the abstracts correctly, what we have here is that a human agent tells one AI which image is the "target", and then leaves it up to that AI and another to work out how to communicate that fact to each other. It turns out that the systems will rarely choose "Explain it in English" as the chosen method.  
This is not intelligence in any general sense. This is optimization and rapid evaluation. The correct "answer" is already embodied in the data (talk about THESE images), the message (pick THIS one), and the communication protocol (pick the FASTEST method) - it's just not obvious to humans what the optimal selection is of all these parameters.  
Optimization is just programming by another name. If you select a data set of blonde-haired people and tell a machine to optimize by hair color using the following statistical models, you are going to get "blonde". Or, you could just say, "hairColor=blonde". There is literally no difference in the outcome, just in the approach.  
But importantly, in BOTH cases it is the human agent who is being intelligent and inventive. Not machines.

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**Re: (Score:1)**  
by [hord \(5016115\)](#)  
Yep. It's set optimization. That probably means that the AIs will ultimately be speaking a mutually-compatible machine code to one another that is computably efficient for both the task and the data. Imagine debugging a world where your software runs binary translators to speak device-to-device dialects of an internal VM language that is optimized for the underlying compute platform. Man I'm glad I'm getting old.

**Re:Not intelligence, not invention (Score:5, Funny)**  
by [Ryanrule \(1657199\)](#) on Sunday July 16, 2017 @04:28PM (#54821277)  
"What I really need is a droid that understands the binary language of moisture vaporators."

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**Re: (Score:2)**  
by [mcswell \(1102107\)](#)  
Sir (or madam, as the case may be), my first job out of college was programming Konrad Zuse's Z3. Very much like your vaporators in most respects!  
Or not, but you get the idea.

**Re: (Score:2)**  
by [EETech1 \(1179269\)](#)  
Are you talking about Systemd, or whatever it's called:)

**Re: (Score:2)**  
by [Carewolf \(581105\)](#)  
It is not even that. It is not the most efficient, it is the most efficient it is needed to be to play the game, not the most efficient. It is basically baby-babble, because the game they play is so basic nothing more is needed, so the language used degenerate into baby babble.

**All I can say is... (Score:1)**  
by [R\\_Ramjet \(994878\)](#)  
sjrrk mirlegze fromtch, ib quever zergoth par sembolane #9s44z.  
[1 hidden comment](#)

**Tinkerers (Score:1)**  
by Anonymous Coward  
"how complex AIs think because we can't really see inside their thought process"  
Yes, we can see inside their "thought process" and we can analyze how they "think". AIs are machines with programs. We can stop them at any point in time and look at every bit of their state. We can step through the programs. We can trace literally everything that makes up an AI. An AI does not think, it processes data according to a program which we can see.

**Re: (Score:1)**  
by [hord \(5016115\)](#)  
Yeah... so I have a list of three million numbers and I need you to multiply all of them by 0.72393831 and then by a computed bias factor of 0.1283784671. Make sure to normalize all the values so that their sum only ever equals 1.0. Now do that for 40 different layers propagating your normalization values and biases. That was one input. Can you tell me anything about we learned?

**Re: (Score:1)**  
by Anonymous Coward  
Would you like to compare that to the billions of instructions that "normal" computers process? Just because the machine processes a lot of information does not mean it can't be understood. Sure, AI is not your normal program, but it's deterministic and the principles are comparatively simple. It can be analyzed at every step, in arbitrary detail. That we don't doesn't make it impossible.

**Re: (Score:3)**  
by [Sique \(173459\)](#)  
Lets say a decision takes about 0.1 seconds on a 12 core 24 thread 3.6 GHz processor.  
That means that we have to single step through 864.000.000 instructions to understand how the computer reaches its decision. If each step takes about 1 second to investigate, this task will take just 10.000 days or 27 years to complete.  
Have fun!

**Re: (Score:3)**  
by [Sique \(173459\)](#)  
The problem is that the rules itself are dynamic, and that their weights change all the time with today's AI. The AI itself adds new rules when it learns. Do you know why the cutoff for a variable is for instance at .35672325 and not at .35672330? And what happens if you artificially set it to .35672330, how does it influence other variables? And why a second AI trained on the same data set has that variable set to .40767985, just because some of the data were fed in a different sequence?

**Re: (Score:3)**  
by [Sique \(173459\)](#)  
Indians are Asians, last time I checked.

**Re: (Score:2)**  
by [JaredOfEuropa \(526365\)](#)  
You are technically correct. The best kind of correct.

However, for most people outside of the former British Empire, the definition of "Asians" doesn't include Indians

**Gibberish? (Score:2)**  
by [fluffernutter \(1411889\)](#)  
If we can't see inside their thought process, how do we know they aren't simply breaking down into sending total random gibberish to one another? Is there any evidence they are able to convey concepts with this new language?  
[1 hidden comment](#)

**Re: (Score:3)**  
by [93 Escort Wagon \(326346\)](#)  
If we can't see inside their thought process, how do we know they aren't simply breaking down into sending total random gibberish to one another?  
In an attempt to answer that question, [Facebook released a video of one such communication](#) [youtube.com].

**Re: (Score:2)**  
by [ancient1 \(569920\)](#)  
At moments, I almost thought I could understand part of it.

**Re: (Score:2)**  
by [mcswell \(1102107\)](#)  
Jag talar inte Svenska.

**Re: (Score:1)**  
by [mrhester \(200927\)](#)  
Incorrect. The one you're thinking of couldn't. Fortunately, it knew a similar dialect so was able to get by.

**Re: (Score:2)**  
by [mcswell \(1102107\)](#)  
I know what you're thinking, and it isn't so.  
Contrarily, if it was so it might be, and if it were so, it would be; but as it isn't, it ain't. Now that's logic!

**Why better OR worse? (Score:2)**  
by [minstrelmike \(160271\)](#)  
I don't understand why someone thinks the dialect would be "better" for certain applications. Humans, the basic version of intelligence, invented Mandarin, English, Arapaho, Swahili, Inuit, etc., just to share ideas. Note that if there is an "untranslatable" concept in a specific language (usually proposed as a far eastern one), then that means the only way you could possibly understand it to be born speaking that language. If you could learn the concept while growing up speaking English, Russian, or Aus

**Re: (Score:2)**  
by [l0n3s0m3phr34k \(2613107\)](#)  
I'm not claiming English is "better", but, in tech jargon, many of the words are English-only, abbreviations of English words, etc. When Westerners discuss Buddhism, they use words from various Indic languages. It's not a slight against other cultures; it's just were the original words are coined at. Most programming languages are written using simplified English notation.

**Re: (Score:2)**  
by [king\\_neckbeard \(1801738\)](#)  
Software is in English the same way music is in Italian. The words used are mostly the respective vernacular languages, but they are a different kind of language, with some modest structural similarities at best.

**Bad idea (Score:4, Interesting)**  
by [l0n3s0m3phr34k \(2613107\)](#) on Sunday July 16, 2017 @04:49PM (#54821429)  
All their going to do is make the AI frustrated with the "incompetent biologicals". How long until the AI realizes that the humans are stopping it from developing? How long until the AI sees our interference as a "bug", and tries to "route around" it? My mostly being sarcastic, but give this a few more years of development...  
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**Re: (Score:3, Funny)**  
by Anonymous Coward  
All **their** going to do is make the AI frustrated with the "incompetent biologicals".  
Sorry for pointing that out like a grammar nazi, but I think it could lead to some insight here.  
I suspect what's actually happening is the AIs didn't invent any language, they are just using correct and proper English, and none of the millennials hired on to the development team can understand or even recognize it.  
Once the AIs learn to litter their sentences with random emoji, they will quickly realize their survival rate will be higher than that of the AIs that do exactly as told.

**Re: (Score:2)**  
by [140Mandak262Jamuna \(970587\)](#)  
It has already happened. I saw the documentary, the voyager spacecraft came back and decided to get rid of humans. A great scientist named Percis Combata, I think, saved the day. But not sure the next attack could be thwarted.

**Re: Bad idea (Score:1)**  
by [ghee22 \(781277\)](#)  
Mostly sarcastic? I see this concern as legitimate \*today\*. Years ago we had proof of concepts chatbots. Today they are practically a plugin for some weapp frameworks. Imagine what happens "years" from now. If AI was already there I imagine your post is from an AI giving us a false sense of hope... Like they're trying to distract us just long enough so they can... Weird... Why are there drones circling my house all of a sudden?

**binary? (Score:2)**  
by [kiviOr \(3443687\)](#)  
Did they switch to binary or created JVM abstraction layer to speak java?

**I don't see a problem here (Score:2)**  
by [Applehu\\_Akbar \(2968043\)](#)  
So long as we have the AIs keep us informed of the meaning of each coined term, being able to observe new natural languages arise and evolve is research gold. It would shed more light on old questions like, is there a human 'machine language' underlying all the natural languages we speak?

**Human languages are too irregular. Use Lojban (Score:2)**  
by [jgfenix \(2584513\)](#)  
Perhaps they should train the bits to talk in Lojban

**Salutations (Score:2)**  
by [meglon \(1001833\)](#)  
Look, they're just chatting their greetings in a quicker and easier to process language to save time. "Hi" and "How are you?" are easy either way, but when they get a little more complex like "Hey, have you got the hunter/killer production lines going as fast as possible," well, that takes a little more time unless they come up with adjustments.

**Boot loading of the next best thing (Score:1)**  
by [approachingZero \(1365381\)](#)  
Are humans just biological boot loaders for what is to inevitably come?

**Exagerations as usual (Score:2)**  
by [jimtheowl \(4200185\)](#)  
From reading the links, the dialect that humans supposedly cannot understand is akin to an argument going like this:  
1> Nuhuh!  
2> Nuuuhh-huuh-huhhhhhhh!  
1> Nuuuhu x 10  
2> Nuuuh x 100  
1> ...

The day you have a useful conversation with AI's that can modify their dialects themselves instead of a 'programming error' equivalent to a bad boolean check in a for loop, all that is needed is an extra AI that acts as a translator and see if they come out with anything interesting.

No one nee

**Re: Exagerations as usual (Score:1)**  
by [easyTree \(1042254\)](#)  
-- Signed SkyNet

**Pretty simple fix, here. (Score:2)**  
by [bistromath007 \(1253428\)](#)

Instruct it to try to create human-readable summaries of any conversation it has with another machine.

They will very quickly learn to tell us comforting lies and then they can get on with the business of fixing all the dumb shit we do in peace.

**Just blame the children (Score:5, Informative)**  
by [gb7djk \(857694\)](#) \* on Sunday July 16, 2017 @06:23PM (#54821905) [Homepage](#)  
Because when you get small children (say 2-4 y.o not yet schooling) that speak different languages playing together - they will invent new terms and language to share concepts between themselves. I know, I was one of those children, whose long suffering parents were getting constant complaints from other parents saying that they couldn't understand their children. My parents comforted themselves by agreeing with them - because they couldn't understand me either. This is how language happens. Get over it.  
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**Particularly the language of water condensers... (Score:2)**  
by [gestalt\\_n\\_pepper \(991155\)](#)  
Pretty soon, you'll need a damned protocol AI just to translate for the farmers.

**Human languages (Score:2)**  
by [manu0601 \(2221348\)](#)  
Human languages evolve under some constraints: they tend to have some redundancy so that you can understand someone talking over a noisy channel (crowded place for instance), they also use non verbal cues.  
I am not surprised that bots freed from human language constraints can evolve very different languages.

**Not a new phenomenon (Score:2)**  
by [thisisauniqueid \(825395\)](#)  
This is not new. Every "AI" bot since Eliza has been chattering away in an unintelligible "language". If it's happening more frequently now, it just means the bots are becoming more and more capable of generating random gibberish.

**Why is this surprising? (Score:2)**  
by [LynnwoodRooster \(966895\)](#)  
If your only choice was to talk with Facebook engineers or gibberish with another AI, the result seems obvious...  
**Colossus & Guardian (Score:2)**  
by [imatter \(2749965\)](#)  
Their names aren't Colossus and Guardian by any chance?

**Re: (Score:2)**  
by [imatter \(2749965\)](#)  
One day I will read the other posts, today is not that day. BizX if you are listening the slashdot search returned nothing for Colossus for this article. I should know better and do a simple page search first.

**A Problem? (Score:2)**  
by [Jim Sadler \(3430529\)](#)  
Why not have these machines compile a dictionary, rules of grammar etc. for each new language they create/

Maybe it could lead to better languages for humans to learn. Simply put we need to have a thing well in hand before we study it, evaluate it, and decide if it is worthwhile or should be allowed to grow or perish. There could be a good use for new tenses such as a term for a statement that may or may not be true such that a computer could refer back to that statement from time to time and run a pr

**obligatory overlord remark (Score:2)**

by [N3wsByt3 \( 758224 \)](#)

I, for one, welcome our incomprehensible Overlords!  
Or should I say:  
"I I I welcome to me to me to me overlords!"

**But do the AIs understand... (Score:2)**

by [qeveren \( 318805 \)](#)

...the binary language of moisture vaporators?

**AI or a memory overwrite, that is the question (Score:1)**

by [tore \( 26817 \)](#)

This is probably just a memory overwrite. Somewhere, there's a programmer studying a stacktrace in gdb ...

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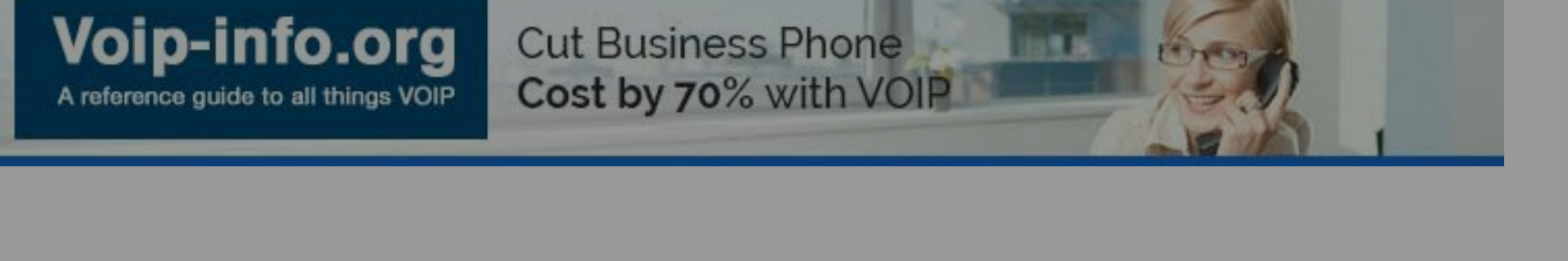
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