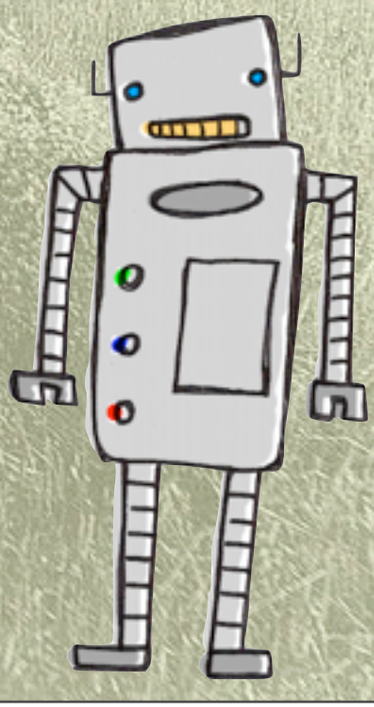
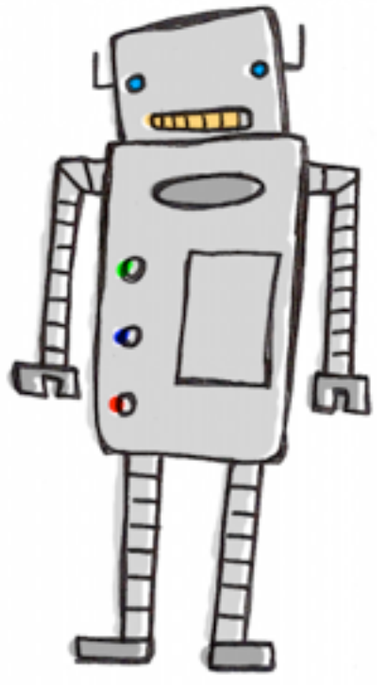
Tiny Tech

Solving Problems at Small Libraries *on the cheap!*

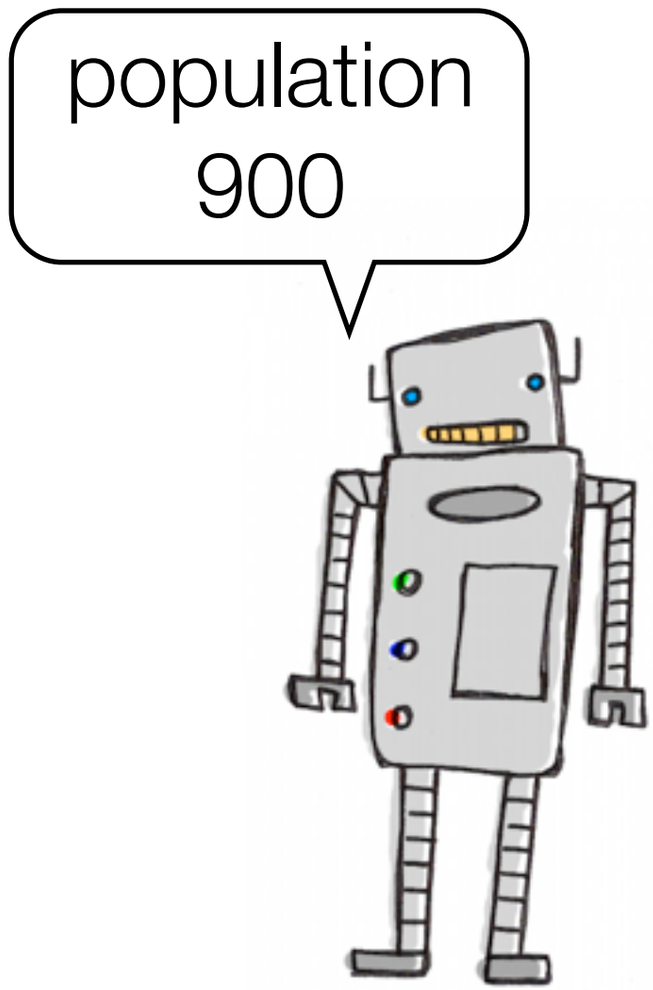
<librarian.net/talks/regina>



the scene



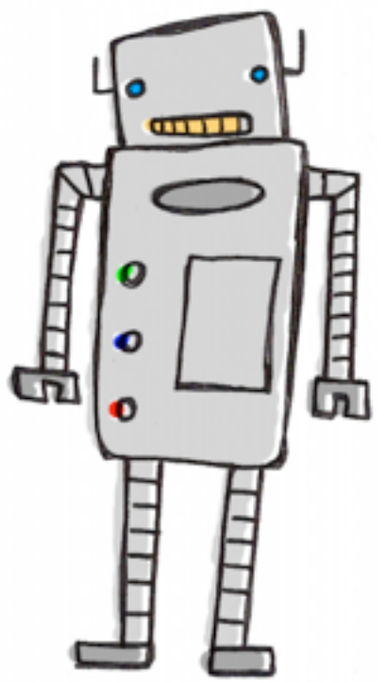
my library



Hello to the *** largest *** from the 50th largest state!

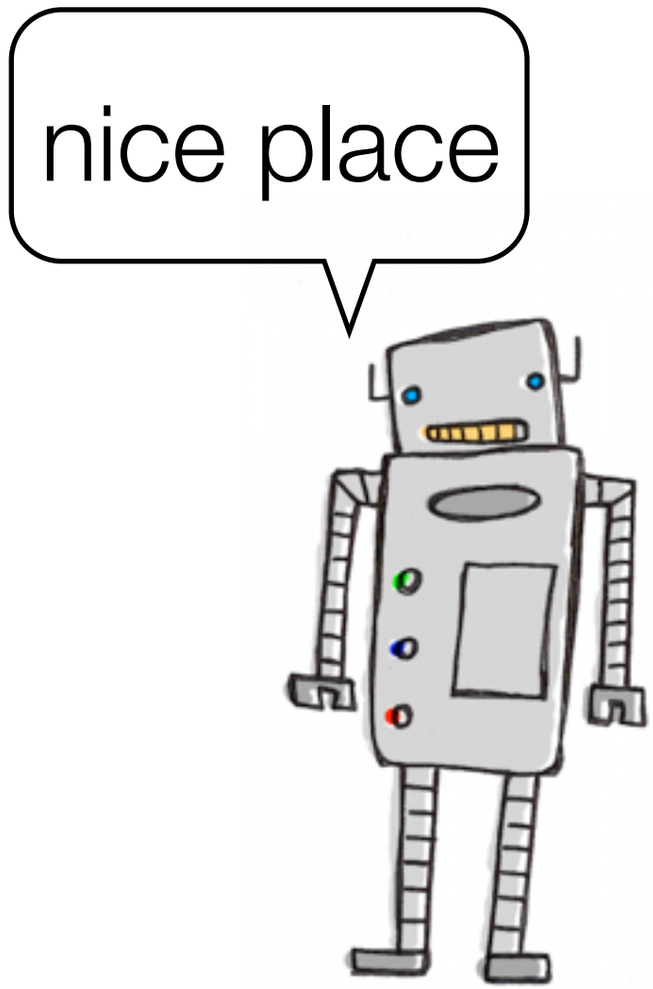
me

- run MetaFilter
- lifeguard
- teach basic computer classes
- “help me buy a laptop” stuff
- just finished writing a book
- this sort of thing



my home

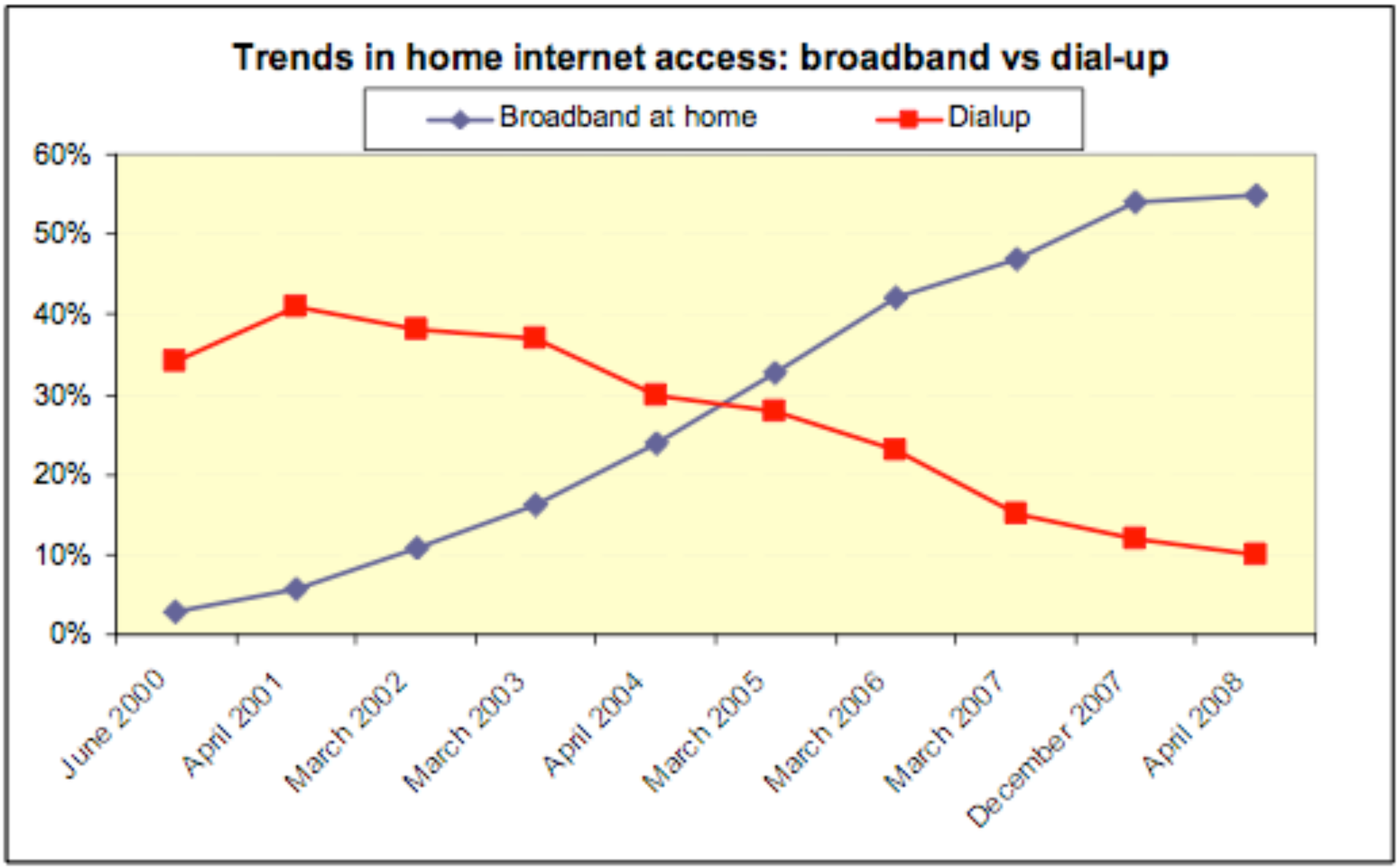
- **rural**
- **very little broadband**
- **nice people**
- **far from everything**

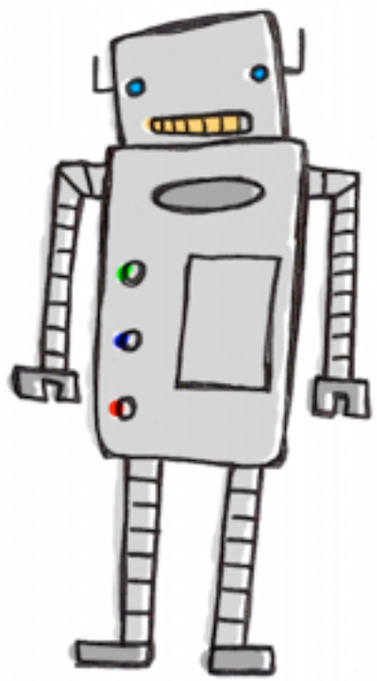


Sound familiar?

We are not so different, you and I.

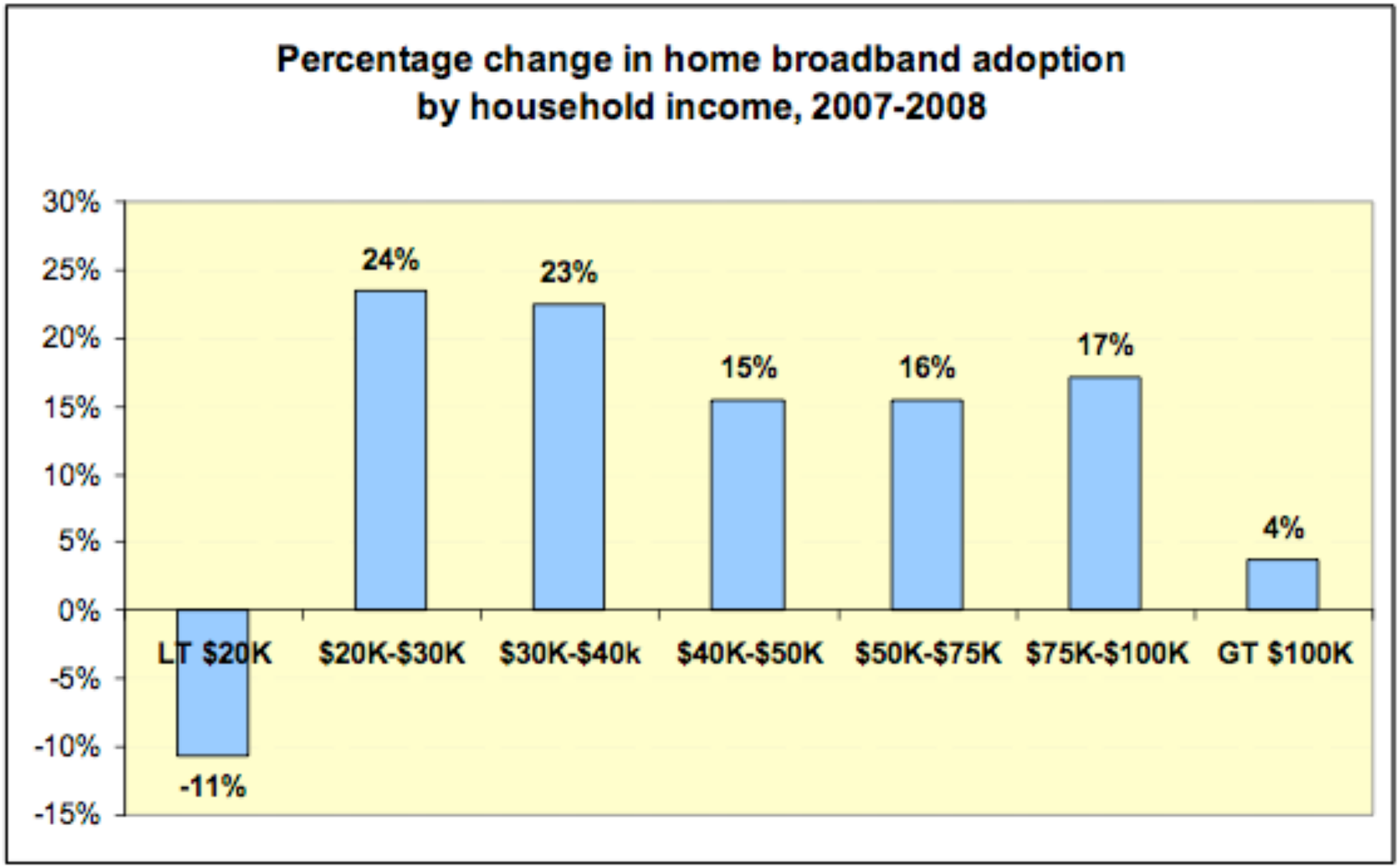
why is this tough?

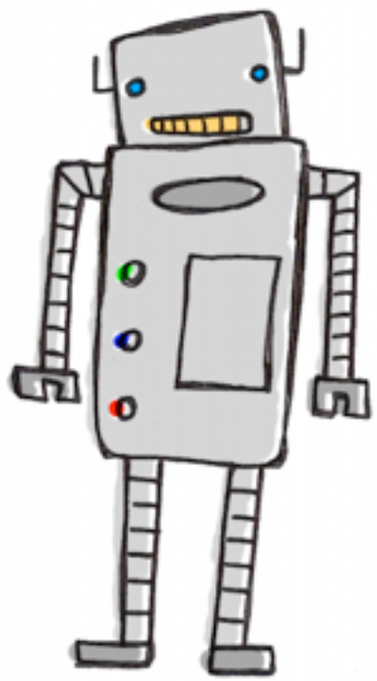




55% of adult Americans now have broadband internet connections at home 10% of people have dial-up 25% of low income people don't have bb at home.
Half of Americans between the ages of 50 and 64 have broadband at home. Some 19% of those 65 and older have home broadband access as of April 2008. dialup is getting more expensive as broadband is getting cheaper.

who is not online?

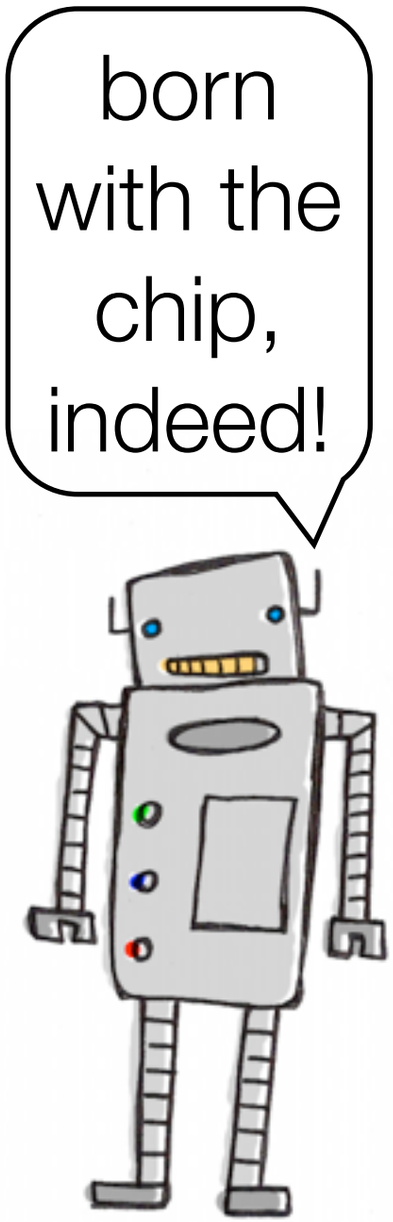




the only people who are getting LESS broadband are the people who can’t afford it.

why no internet?

- 19% of dial-up users said **nothing** would convince them to get broadband.
- 14% of dial-up users (24% in rural America) say that broadband service would have to **become available** where they live.
- one-quarter (27%) of adult Americans are **not internet users**

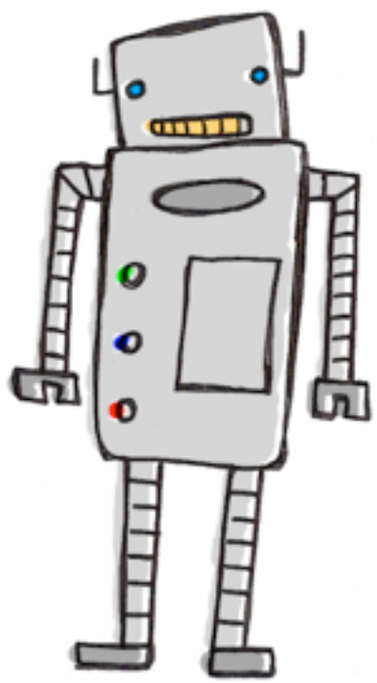


this just in...

Three main reasons why the 35 % of non-adopting Americans don't have broadband

- Cost
- Lack of digital literacy
- Broadband "not sufficiently relevant for them"

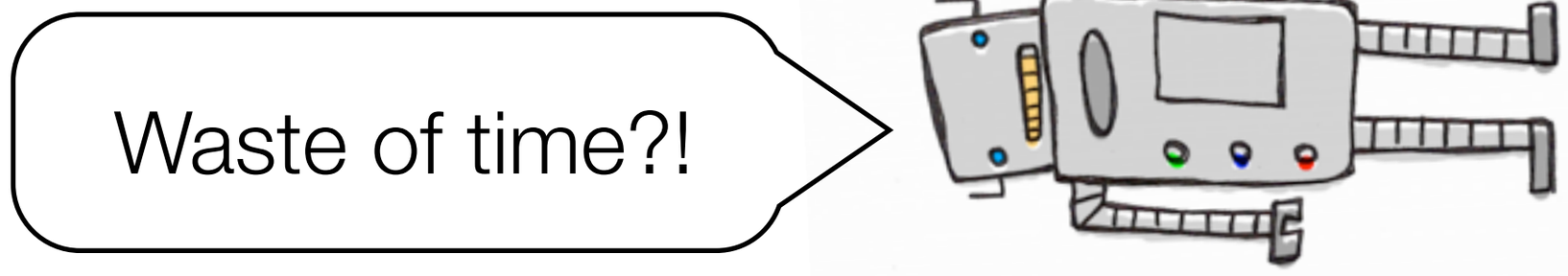
source: FCC's National Broadband Plan Consumer Survey
Broadband Adoption and Use in America



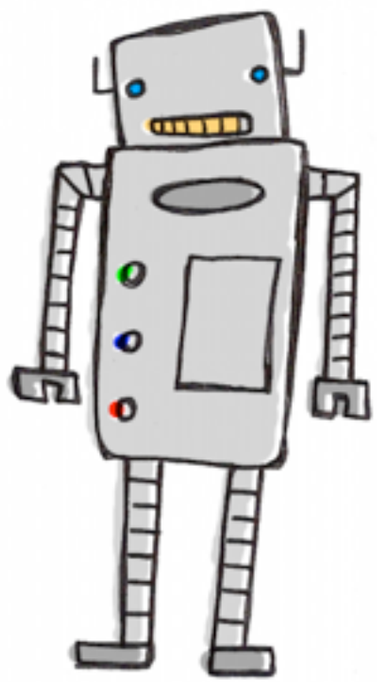
why nonusers are nonusers

Monthly cost is too expensive	47
I am not comfortable using a computer	46
I am worried about all the bad things that can happen if I use the Internet	45
The activation and installation fee to get service is too much	42
I cannot afford a computer	40
There is nothing on the Internet I want to see or use	35
The Internet is just a waste of time	33
I can access the Internet all I need to at work	14
It's not available where I live	13

Source: Federal Communications Commission survey, October-November 2009; n=1,450 for nonusers.



who cares?



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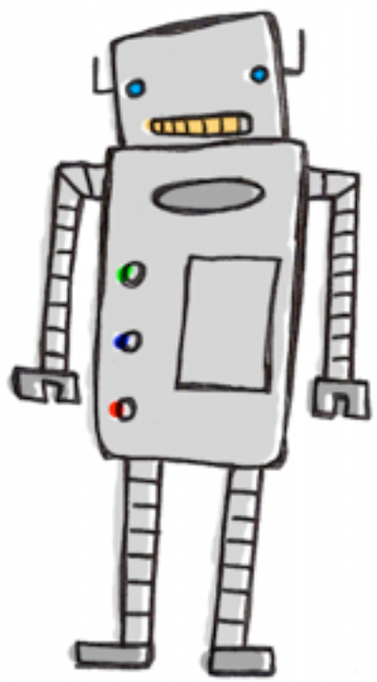

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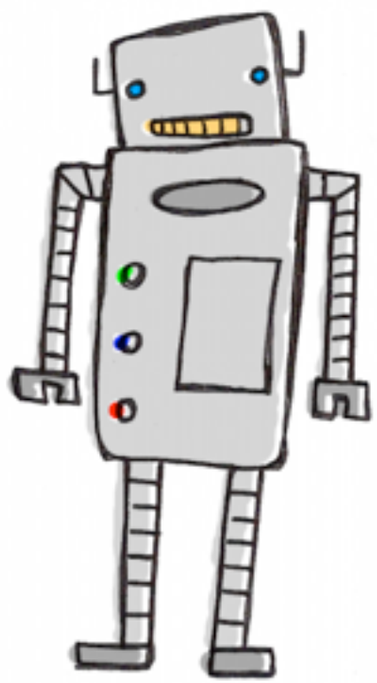
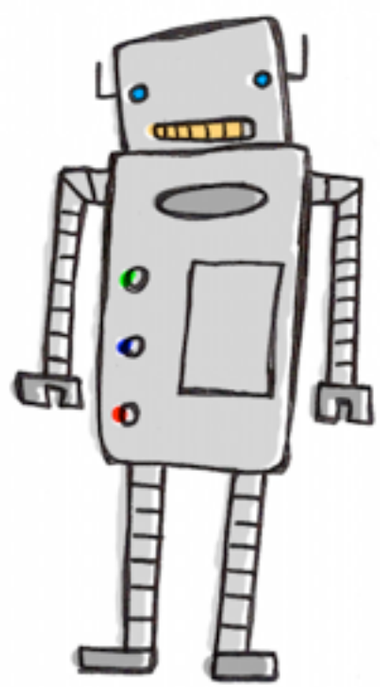


who cares?



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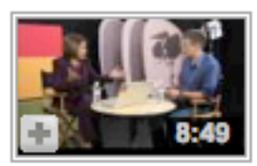
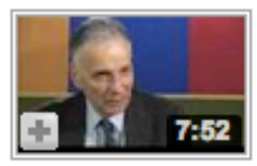
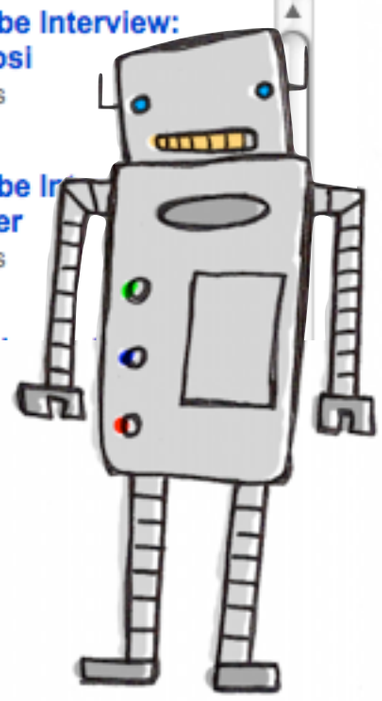


The YouTube Interview: Nancy Pelosi
22,706 views



The YouTube In
Ralph Nader
30,842 views



It's easier to use economies of scale to reach citizens over the internet: taxes, emergencies

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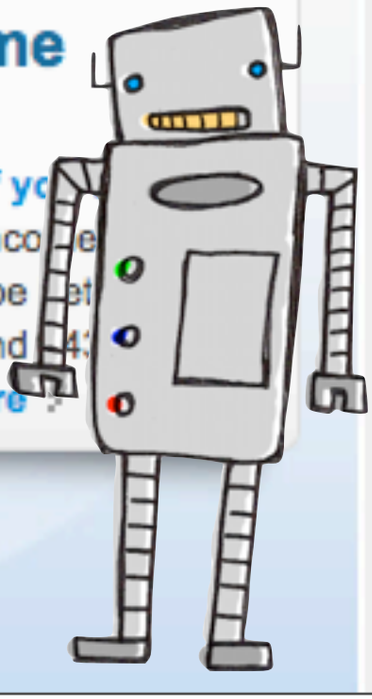
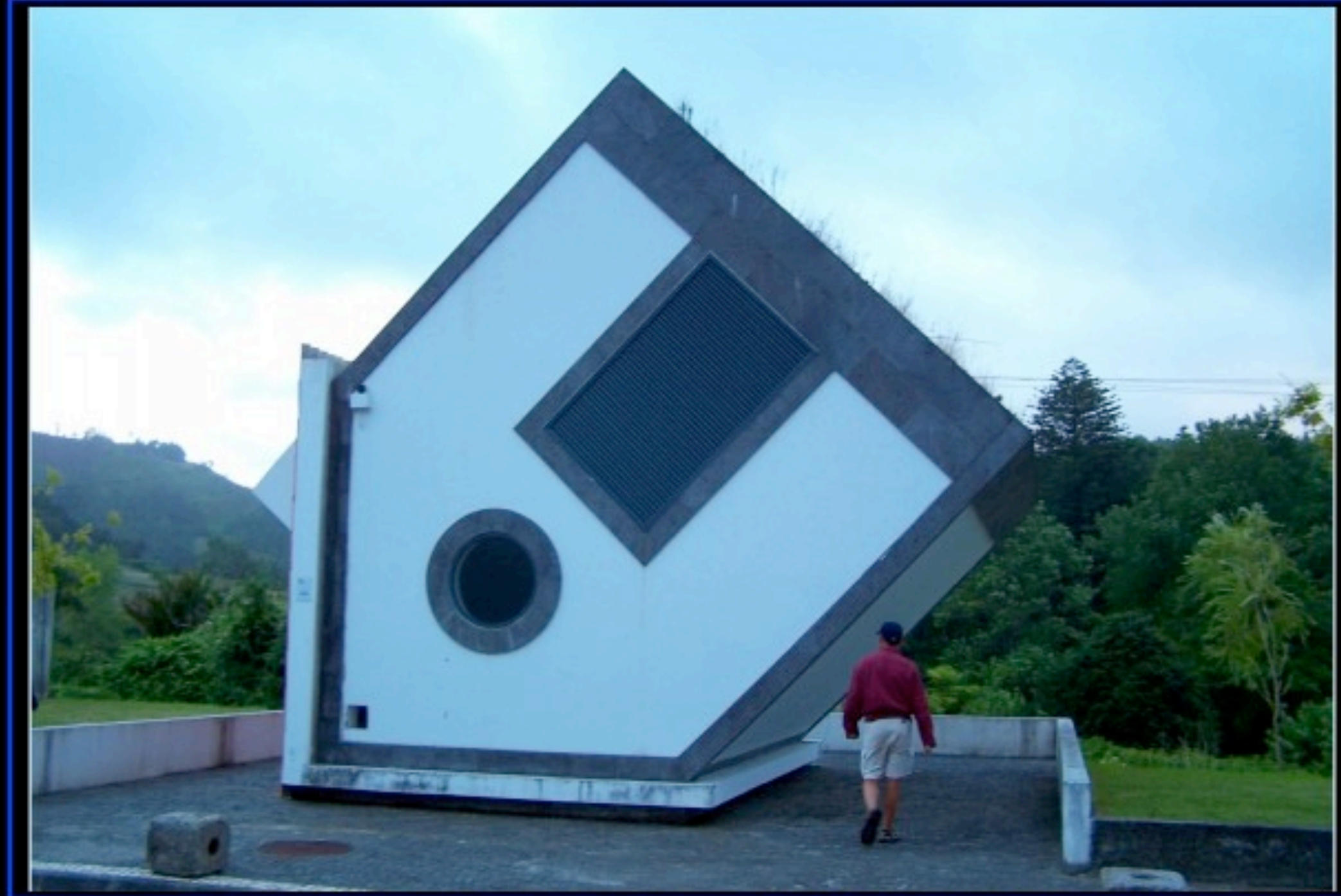


I qualify! Start Now

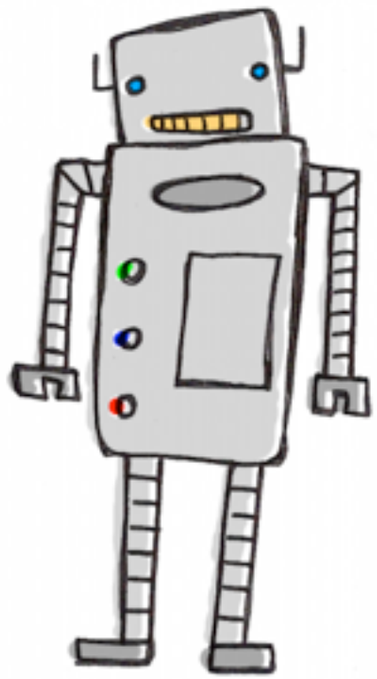
You can do your taxes FOR FREE if you can get online.... for more than 30-60 minutes at a time. This is money in your pocket.



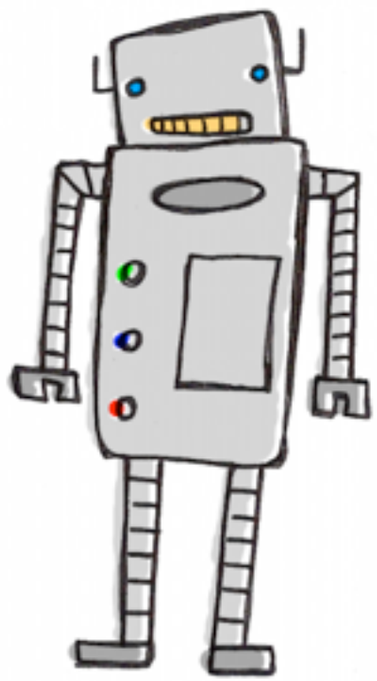
A lot of this comes down to helping people solve problems, and saving money is one of the bigger problems you can help them with.

problem solving

- **SWOT [strengths, weaknesses, opportunities, threats]**
- **GROW [goal, reality, options/ obstacles, way forward]**
- **My own approach….**

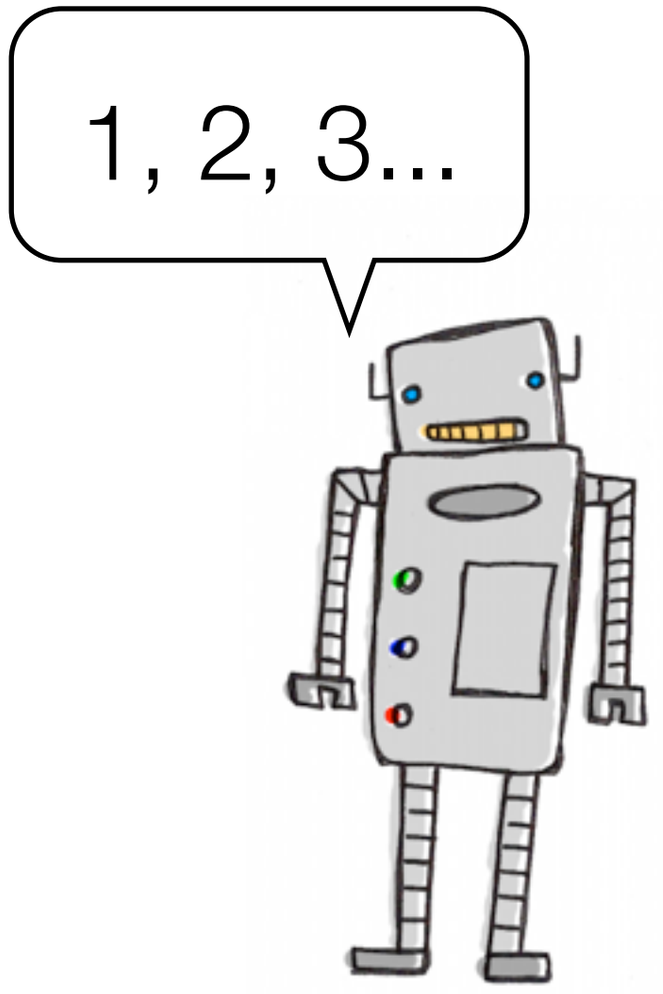


play it as it lays



three steps

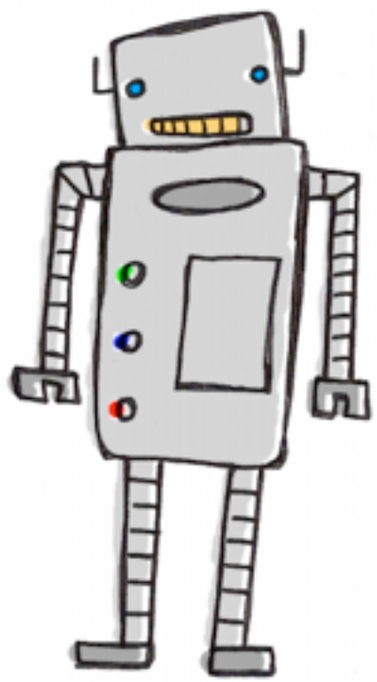
- **advocate**
- **translate**
- **commiserate**



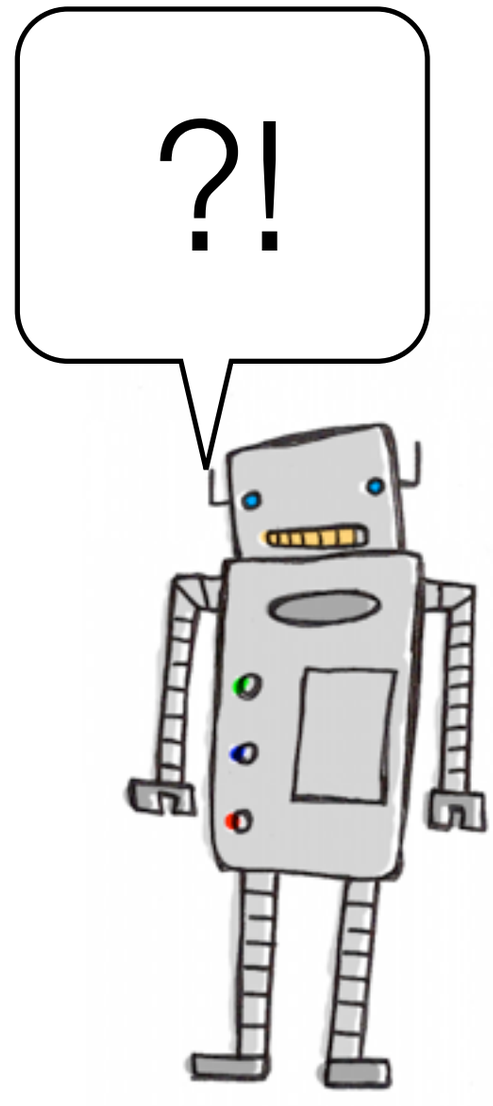
no more bullets

advocate

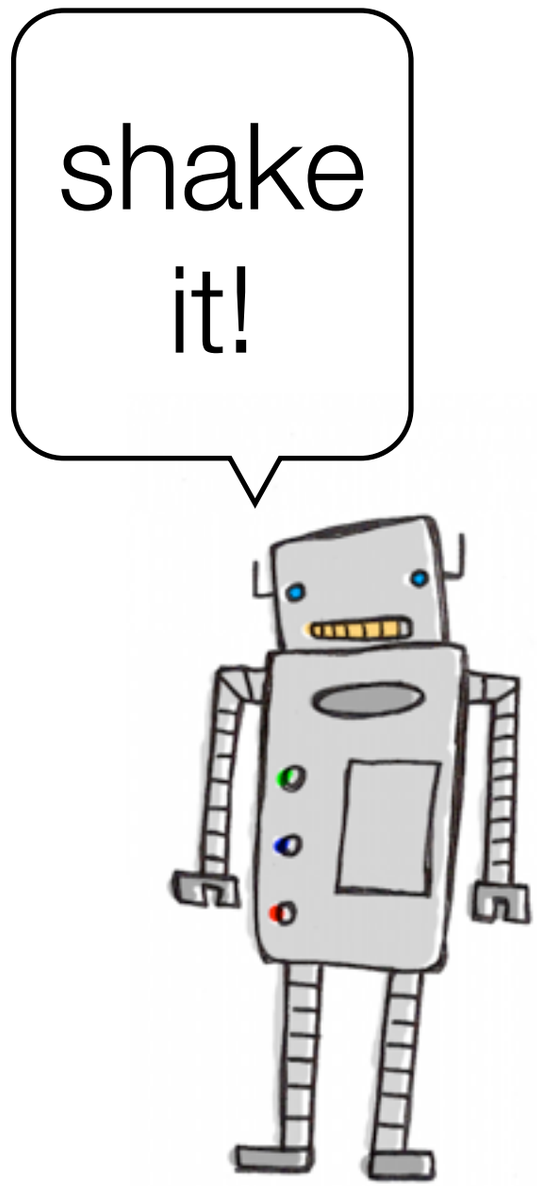
"You *can* do it"



you can emphasize support in lots of different ways [but it's okay to not want to manage people's emotional issues with their computers]. Here are some things that help me.

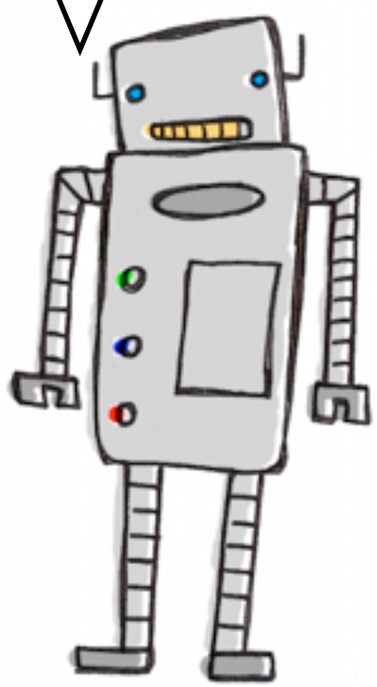


Error messages are weird and confusing and rarely have good news. It’s okay to be confused by them.



Patrons often have skills that you do not, encourage them to see this as another skill to learn not “something they’re bad at”

or grandkids, or bargain shopping, or dating



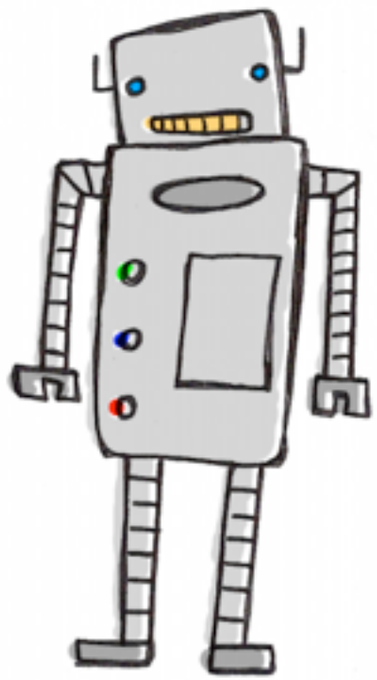
Ask “what is my motivation” and apply this to your patrons. What problem does technology SOLVE for them in exchange for the ones it may create?

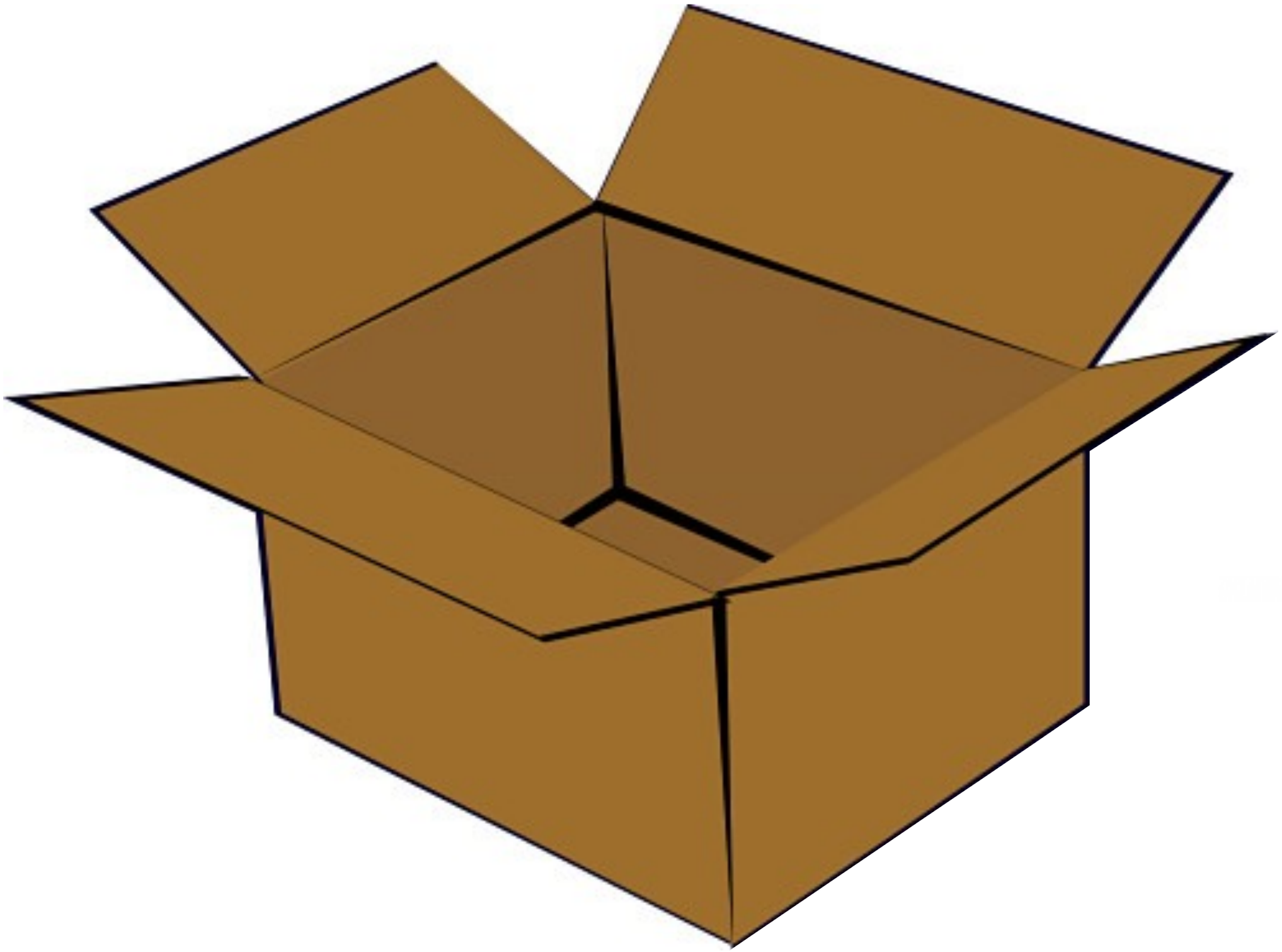
Software often does ten thousand things. I know maybe three hundred of them You only need maybe thirty.

Software often does ten thousand things. I know maybe three hundred of them You only need maybe thirty.

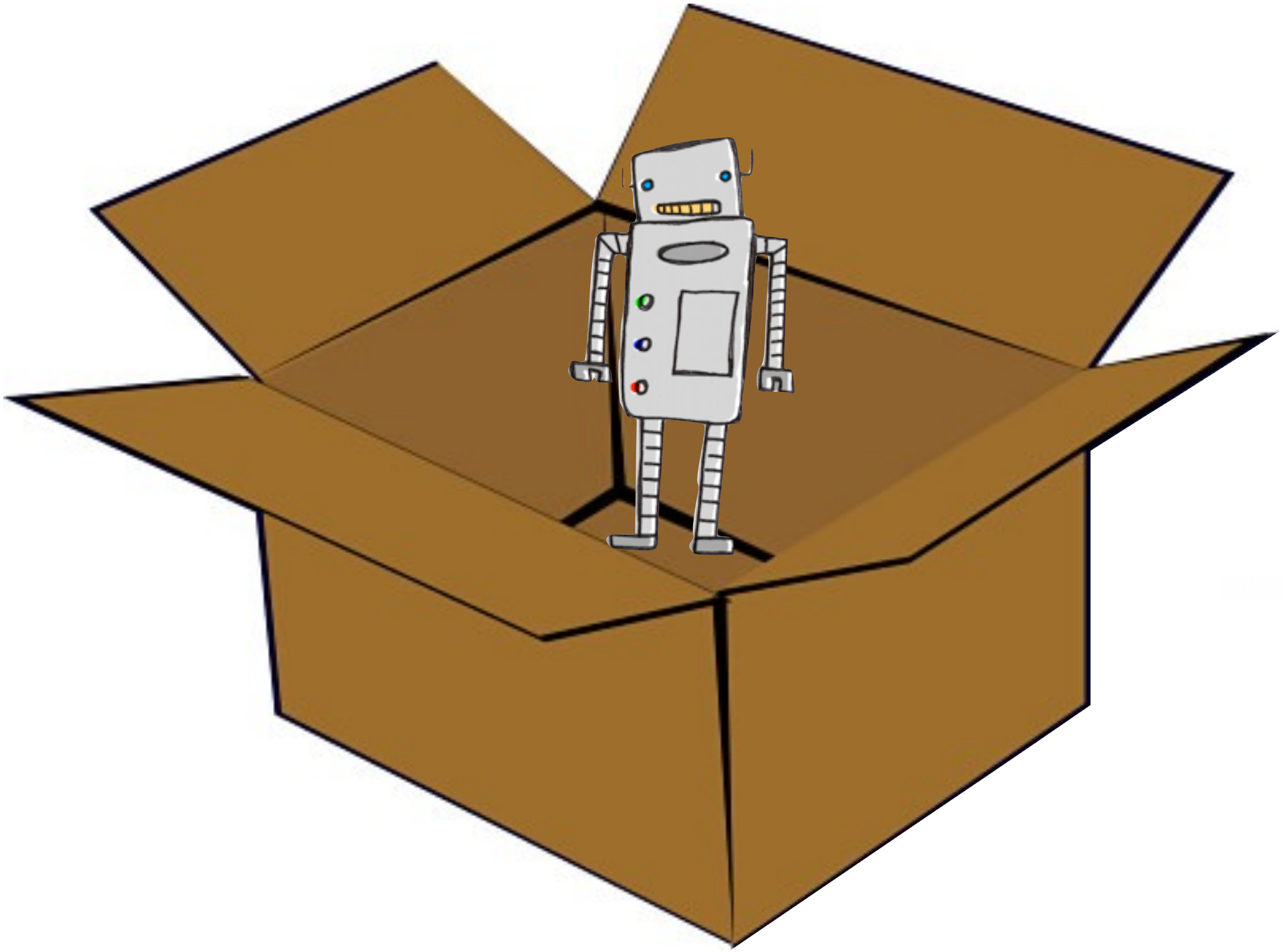
translate

"This is familiar"





All web 2.0 stuff with few exceptions [youtube] comes down to boxes to put content [mostly text] into and ways to add metadata to that box of content and put it online so that boxes with similar stuff can be found near each other. Sound familiar.



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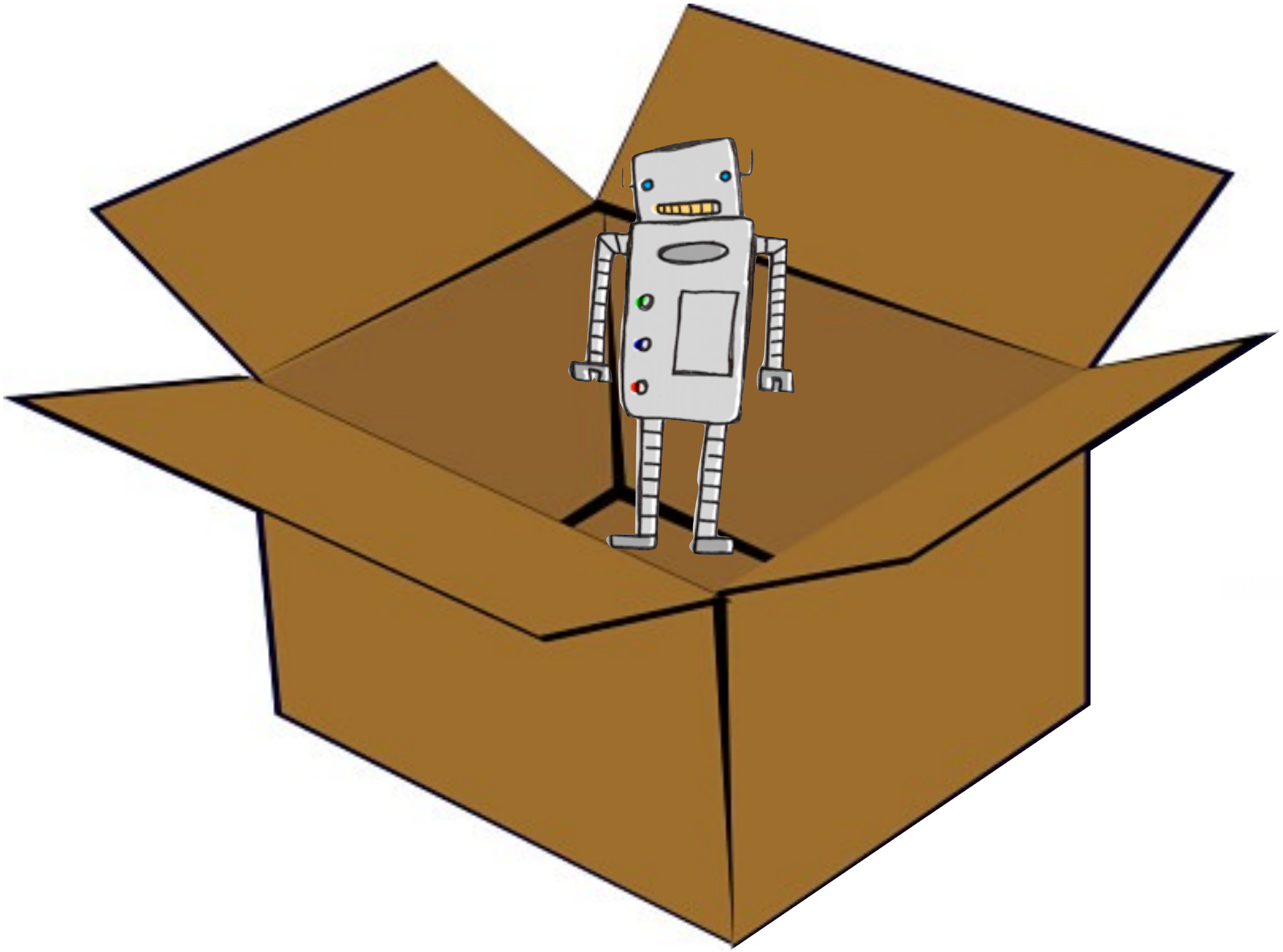

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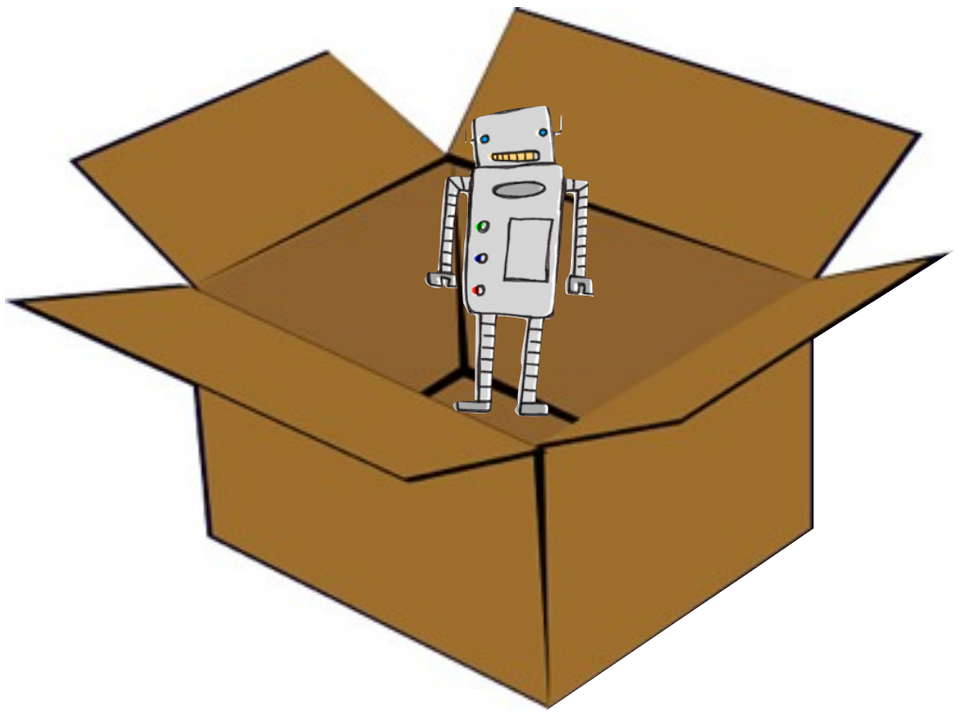

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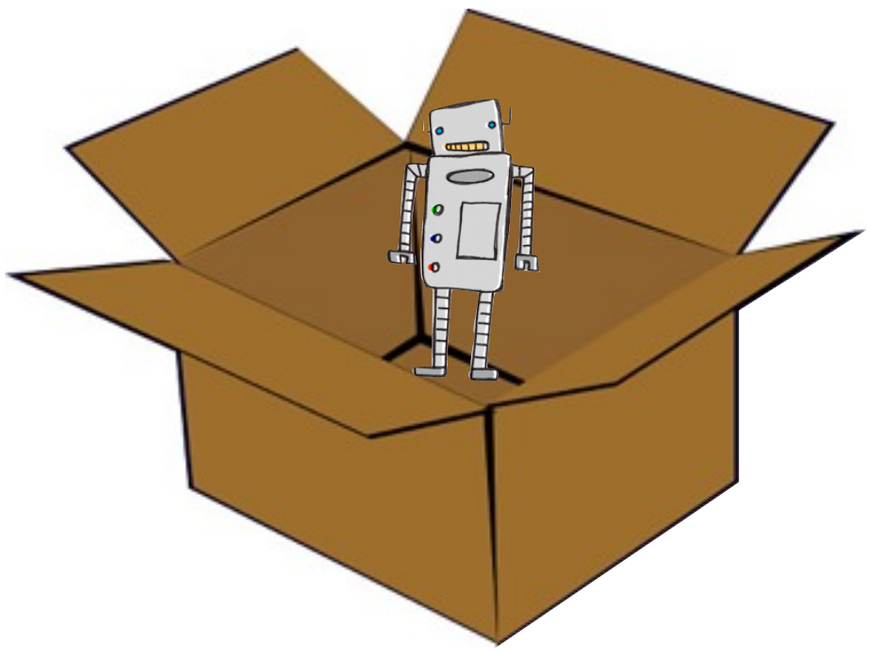

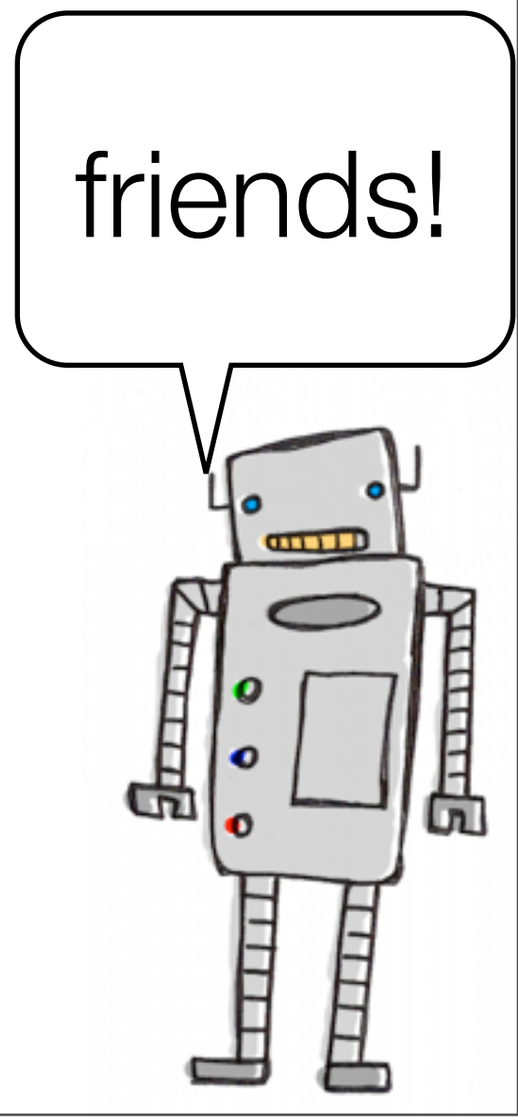
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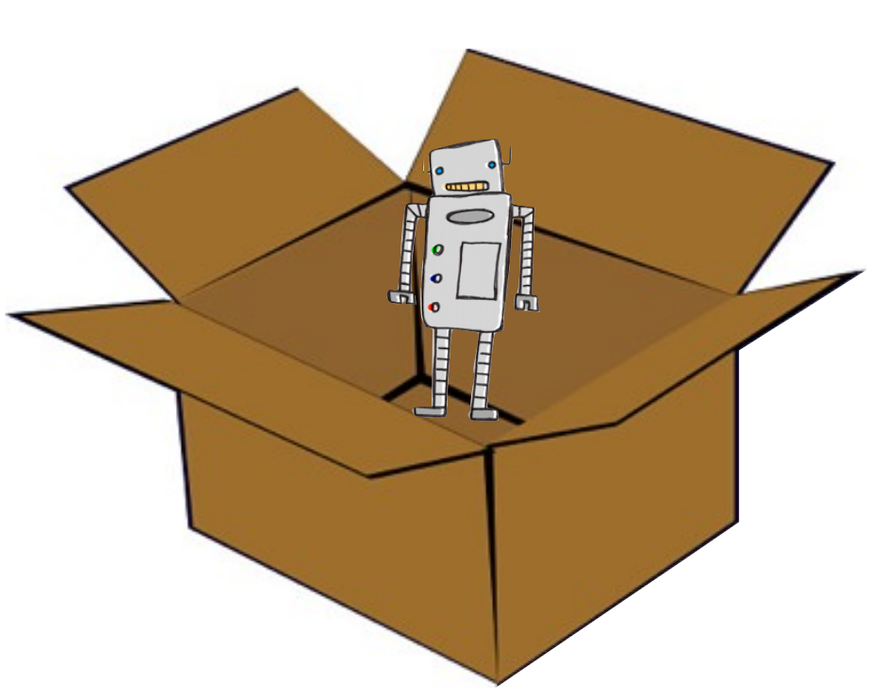

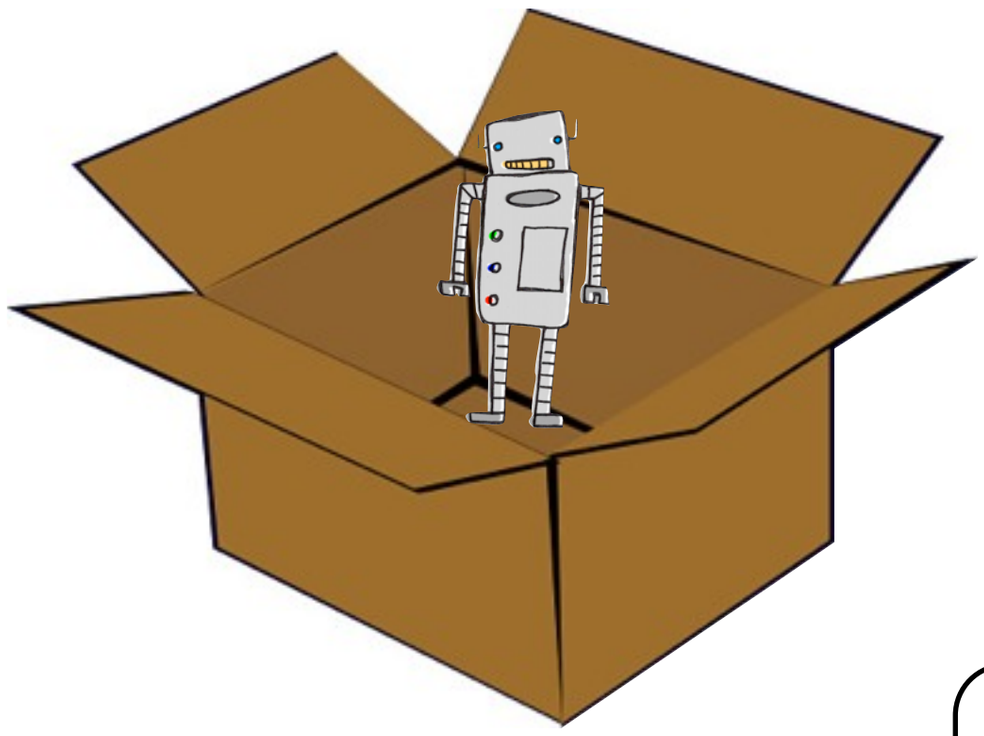

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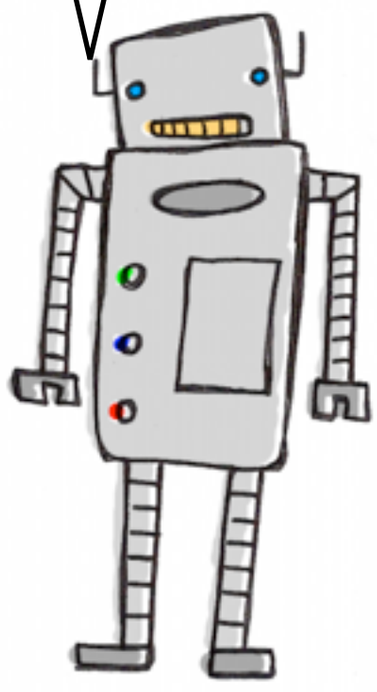

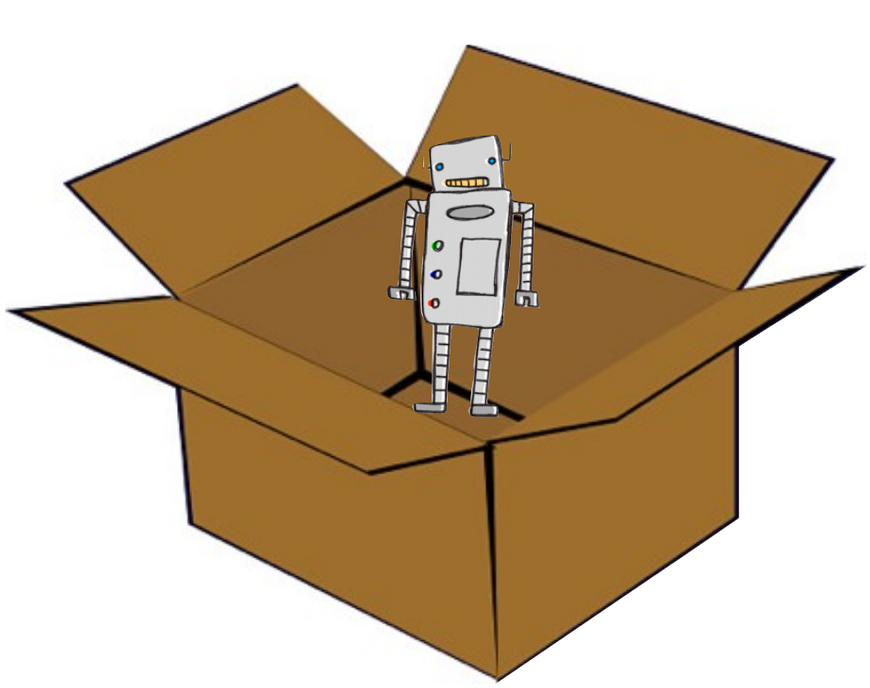

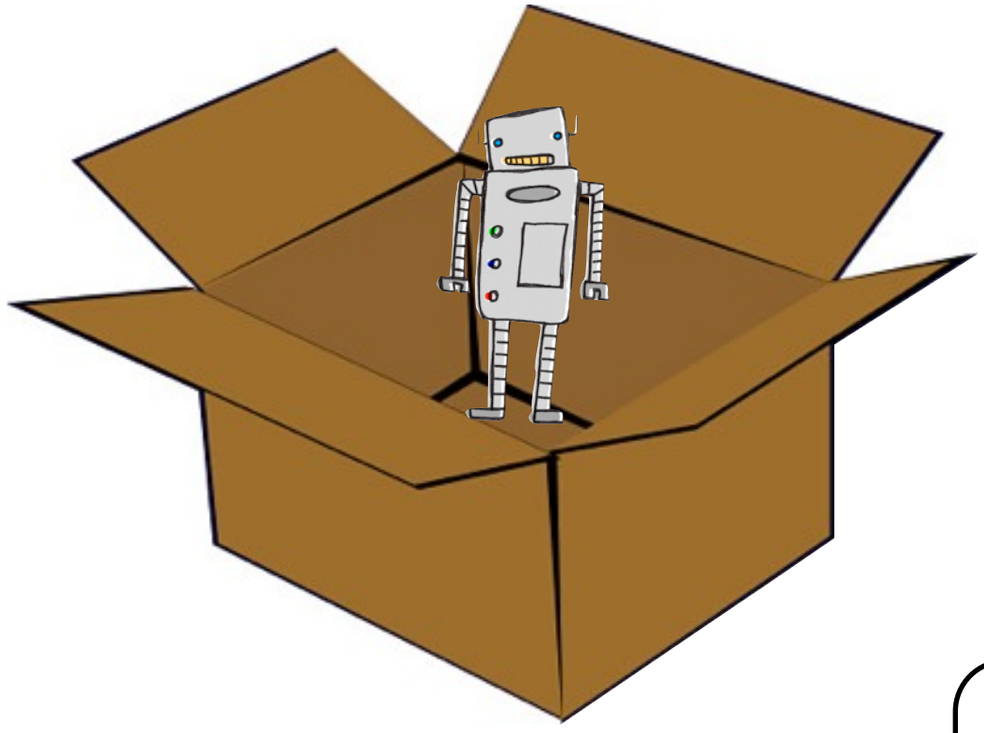

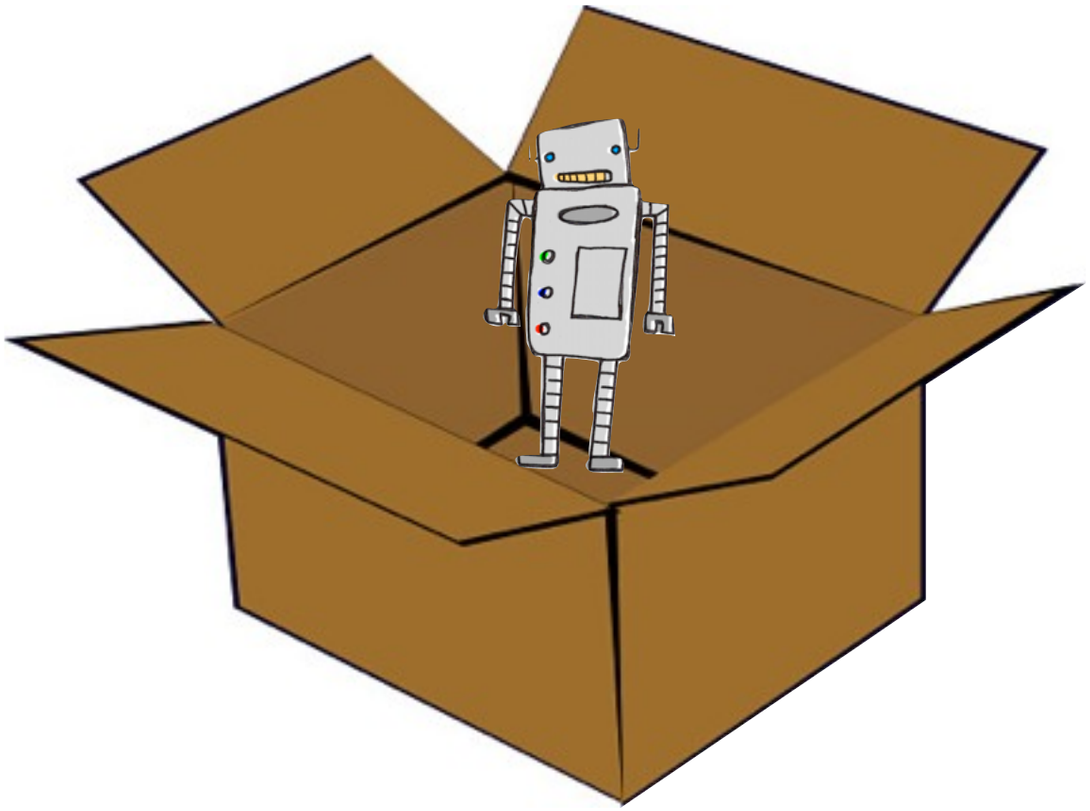

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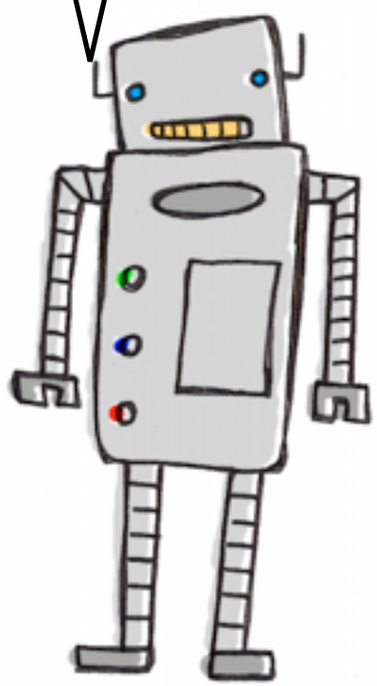

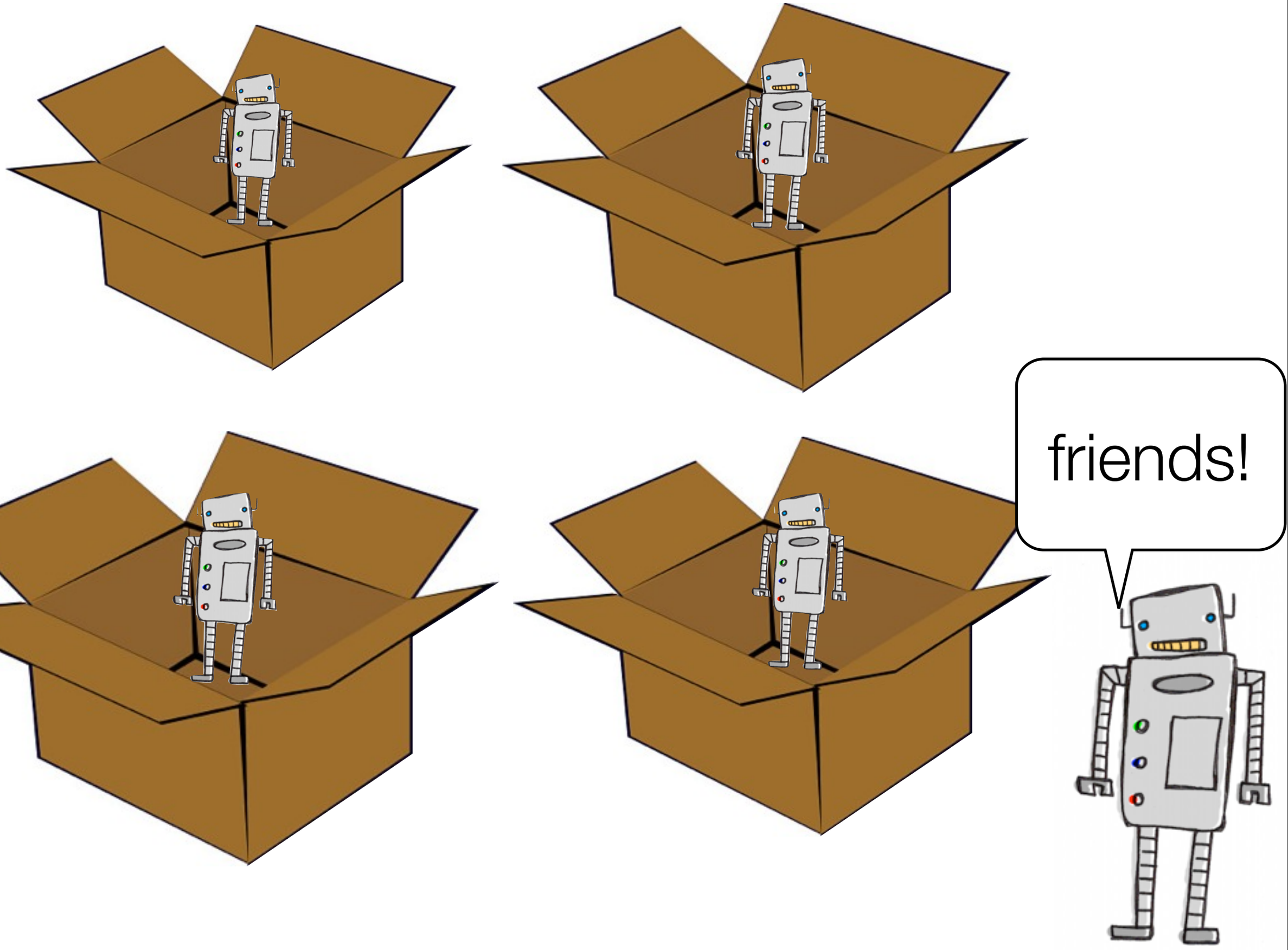
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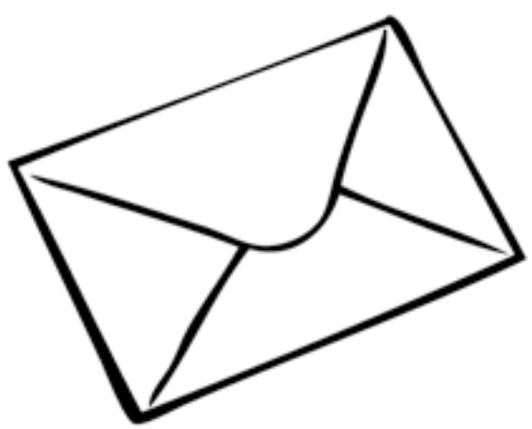
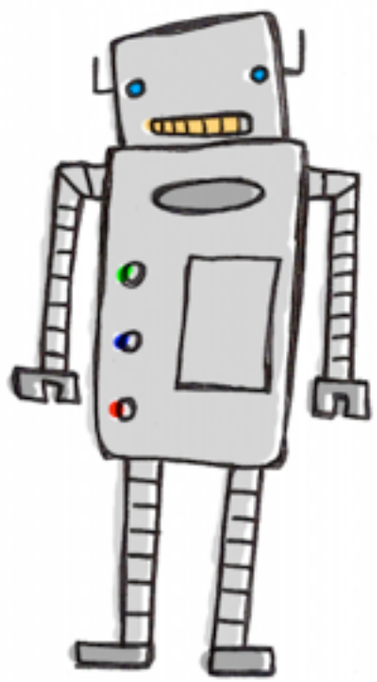
email

"Email is like your regular mail only you access it with robot arms."



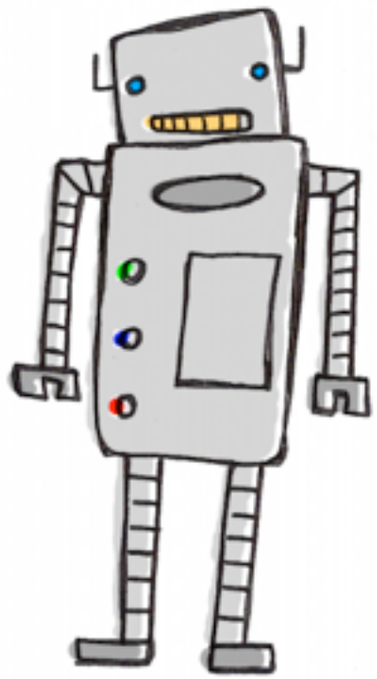
blogging

"blogging is like a newsletter only you deliver it online... and it's free."



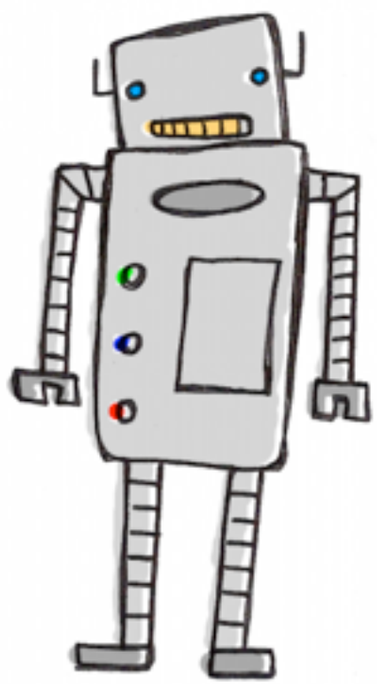
microblogging

"microblogging is a simple way to get content on your website."



facebook

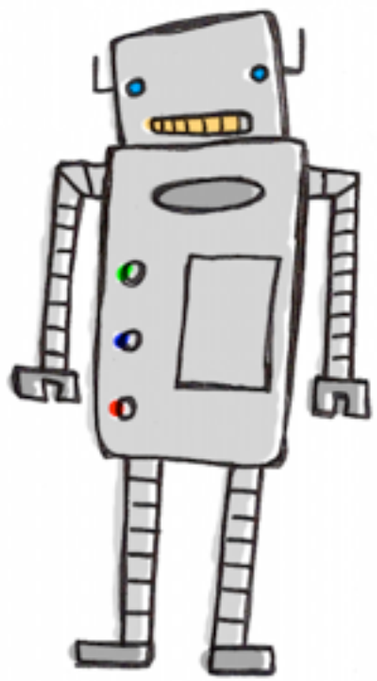
"facebook is a cheap calendar system."



flickr

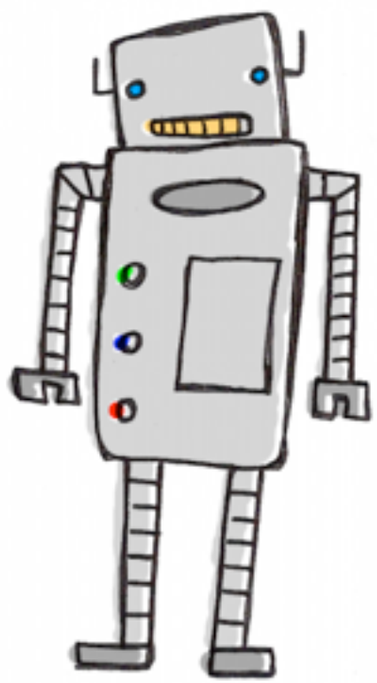
"flickr is an easy way to put photos online for free."

flickr™

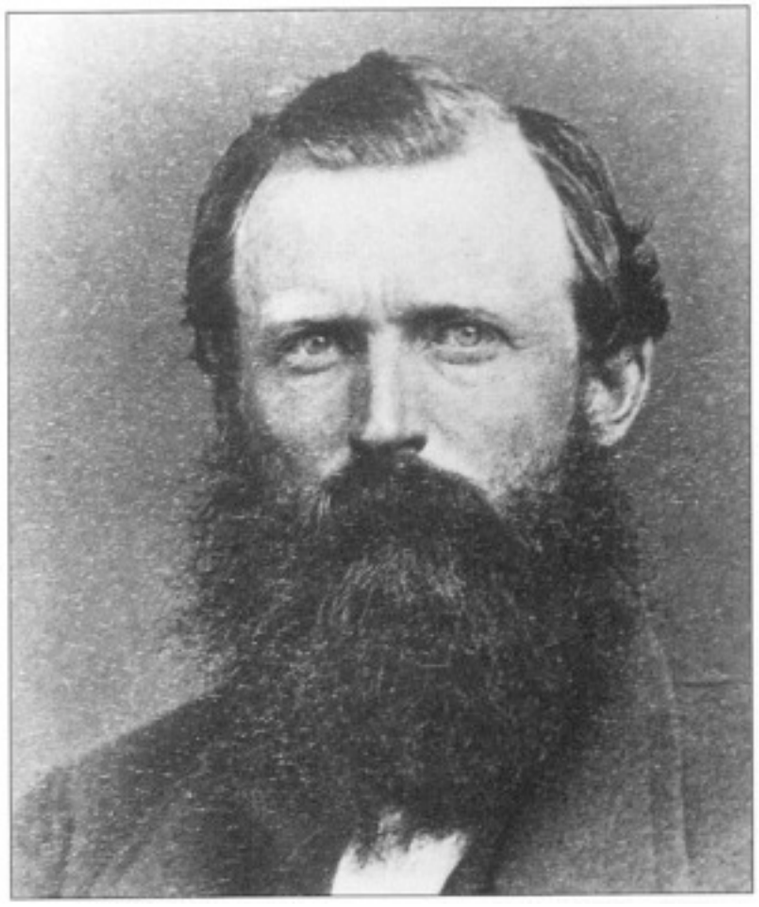


commiserate

- **It's not just you.**
- **It's okay to be frustrated.**
- **There are reasons some of this stuff is difficult even if it's mysterious to us**
- **Return to: What is the problem we're trying to solve?**

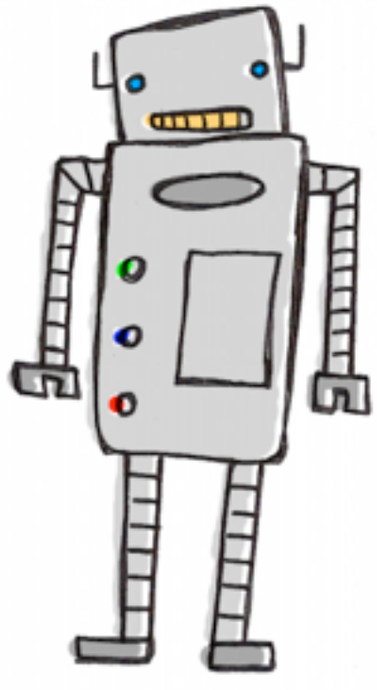


who needs solutions?



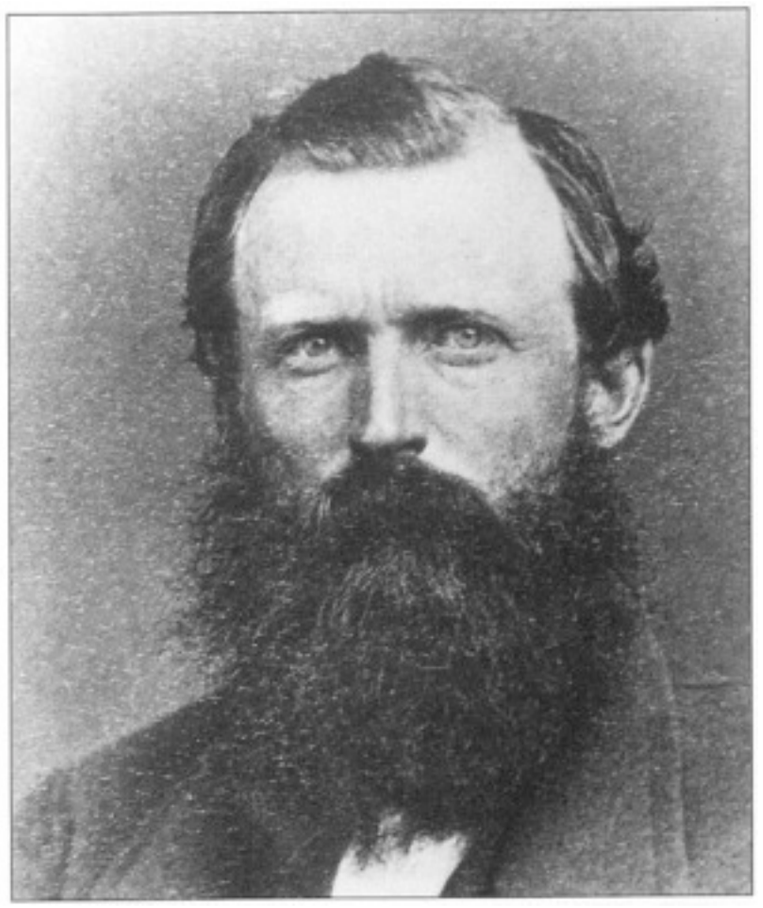
patron

librarian

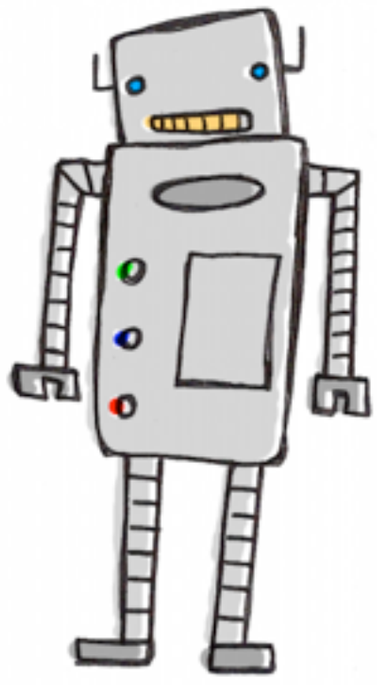


who needs solutions?

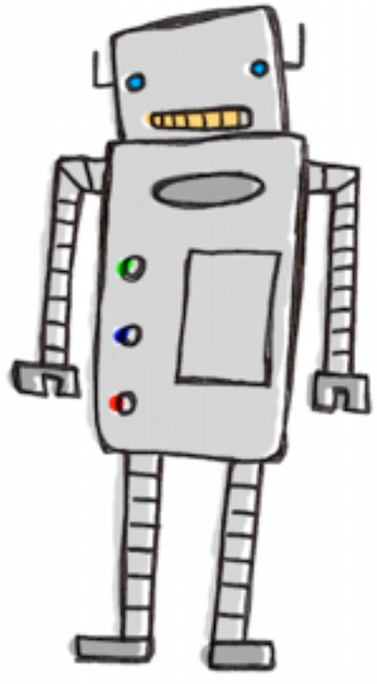
patron



librarian

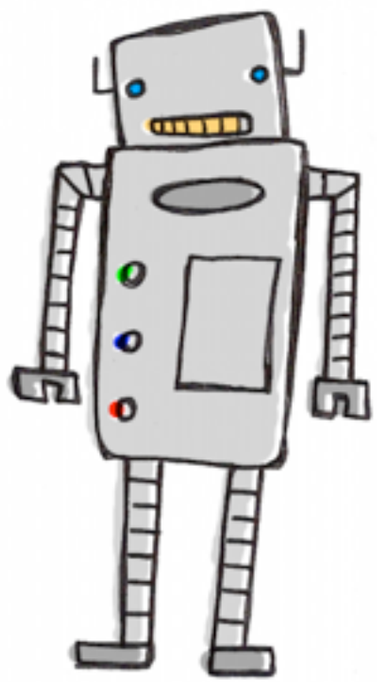


examples



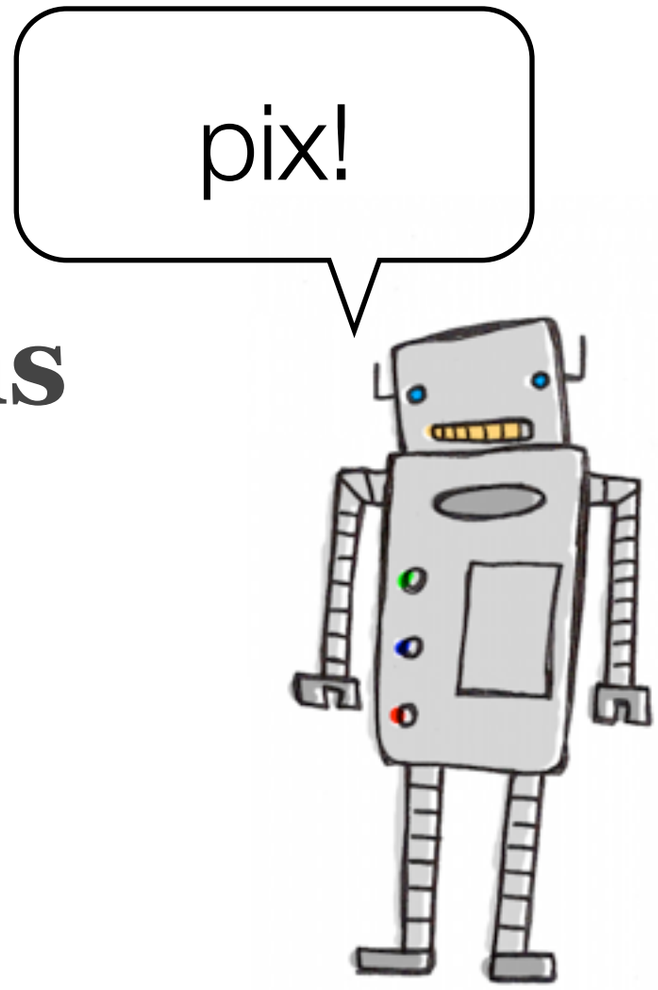
start small

- what can you email instead of mail?
- what can you put online instead of print?
- what can you get for free online instead of pay for?
- what can you repurpose to fit the needs of your community?



free or cheap...

- web hosting for domains
- photos online
- web sites
- content management systems
- videos online



See the links for some examples, these don't all cross national boundaries but some of them do.

customize/personalize

- **Smart Keywords**
- **Other Search Engines**
- **Add-ons and Greasemonkey**
- **Make the browser look like it belongs to the library**

Web Images Videos Maps News Shopping Gmail more ▾

Google

Canadian Shield

About 24,600,000 results (0.34 seconds)

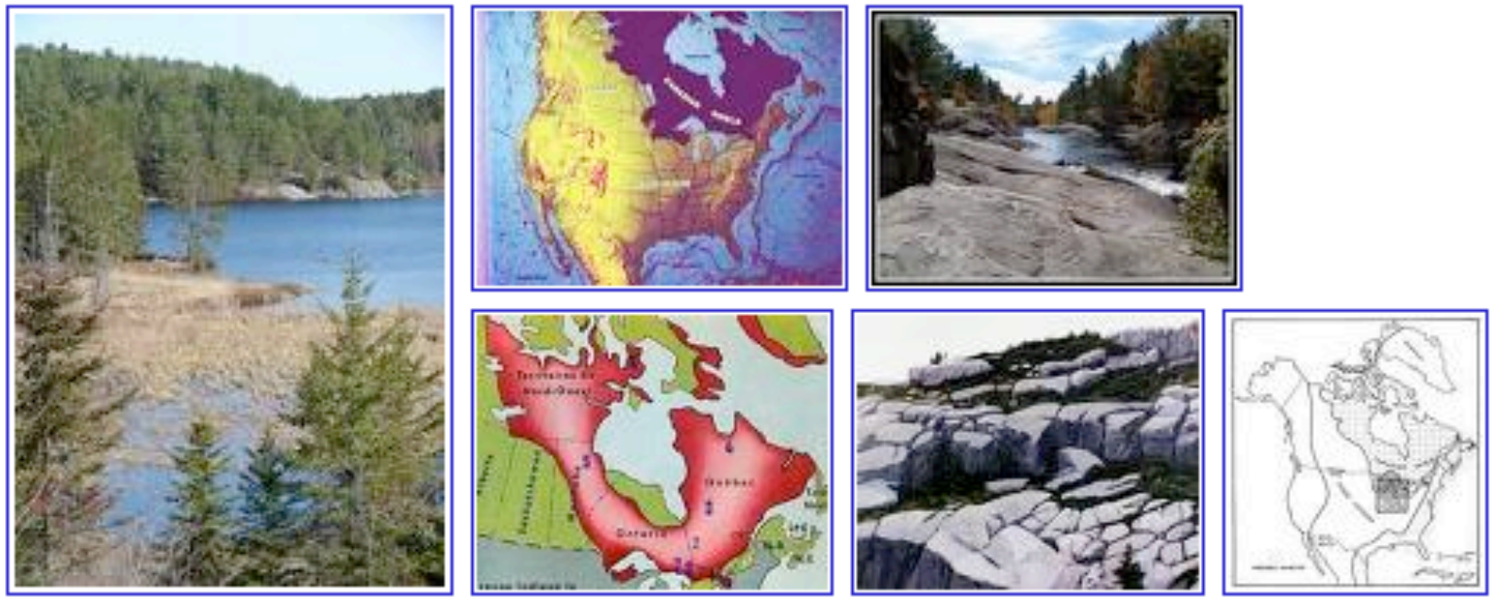
Adv

Everything
Images
Videos
Books
More

Search near...
Enter location Set

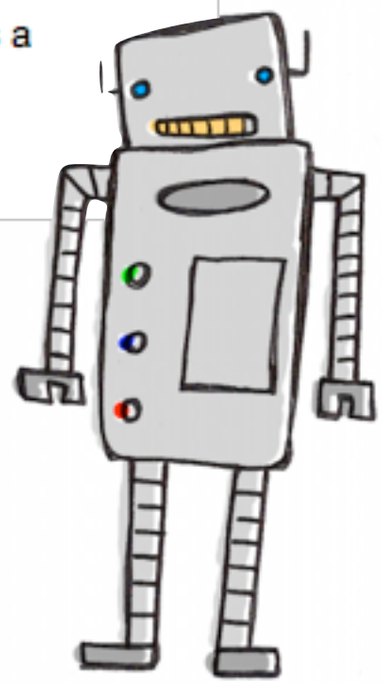
All results
Wonder wheel
Sites with images
More search tools

Images for **Canadian Shield** - Report images



Canadian Shield - Wikipedia, the free encyclopedia

The **Canadian Shield**, also called the Laurentian Plateau, or Bouclier canadien (French), is a massive geological shield covered by a thin layer of soil that ...
Geographical extent - Climate - Geology - Ecology
en.wikipedia.org/wiki/**Canadian_Shield** - Cached - Similar



U of M Users: Using One Stop Search from off-campus? You'll need to Login for access to full-text and some databases.

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Canadian Shield

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Keep search refinements | New search

Search Results: Your search for **Canadian Shield** returned **43,106** results

Relevance

Refine your search

- Items with full text online
- Limit to articles from scholarly publications, including peer-review
- Exclude Newspaper Articles
- Add results beyond your library's collection

Content Type

- Any
- Newspaper Article (26,527)
- Journal Article (16,246)
- Trade Publication Article (149)
- Book (86)
- eBook (43)
- Government Document (19)

more options

Subject Terms

Canadian shield

Full text

Journal Article

Author: Geof Wheelwright
Communications International Vol: 24 Issue: 9 ISSN: 0305-2109 Date: 09/1997 Start Page: 17
Subjects: Telecommunications industry, Canada, Industrywide conditions, Manycompanies, Broadcasting & communications industry
... of line penetration. Some 98% of **Canadian** homes have a telephone, and cellular and paging services are available to more than 94% of the population. Furthermore...

Availability: Full Text Online

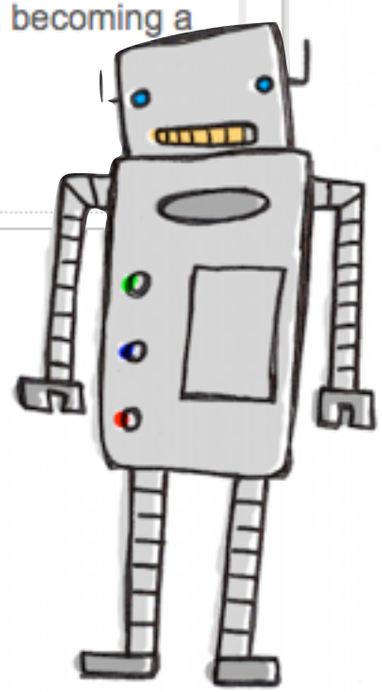
Canadian Shields: Final Edition

Full text

Newspaper Article

The Ottawa Citizen ISSN: 0839-3222 Date: 04/07/2002 Description: C.11.FR
Carol **Shields** was born in Oak Park, Illinois in 1935. She came to Canada in 1957, becoming a naturalized citizen in 1974. **Shields** studied at Hanover College...

Availability: Full Text Online



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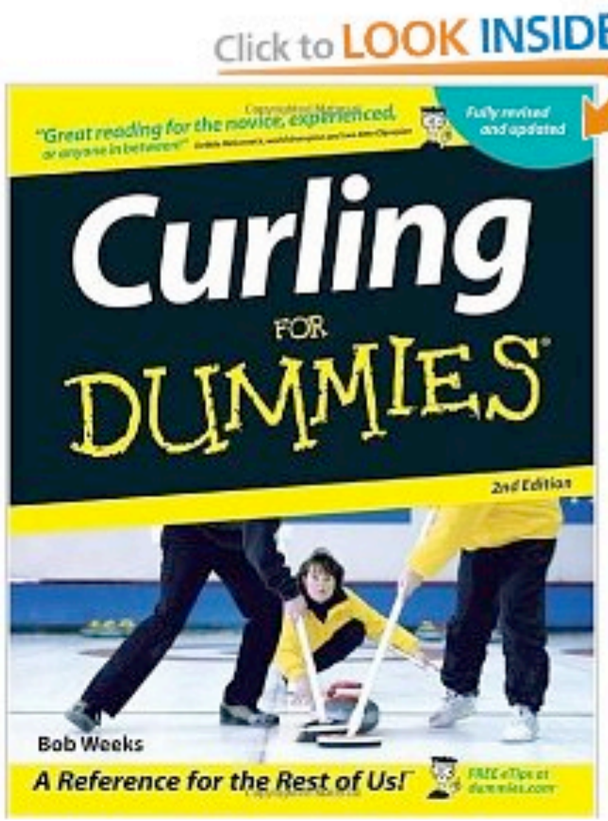
Curling For Dummies and over 700,000 other books are available for **Amazon Kindle** – Amazon's n



Curling For Dummies [Paperback]

Bob Weeks (Author)

(10 customer reviews)

List Price: ~~$24.99~~

Price: $16.49 & eligible for **FREE Super Saver Shipping** on or

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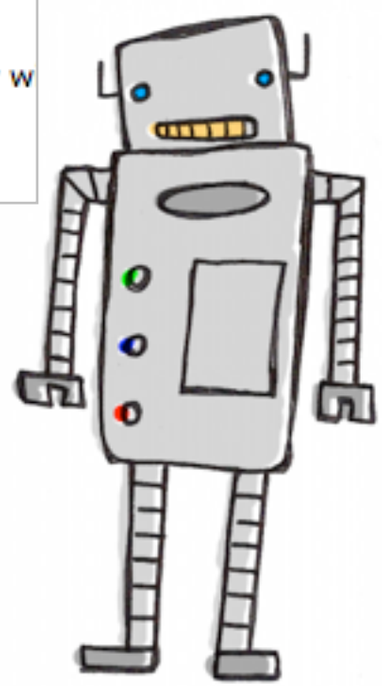

Saskatchewan Information & Library Services Consortium

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ISBN/ISSN 0470838280 View Entire Collection

System Sorted Search

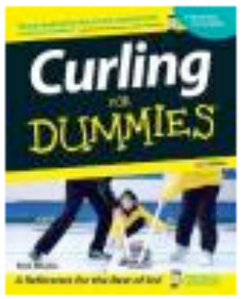
Limit search to available items

(Search History) Result page: Previous Next

Author Weeks, Bob.

Title **Curling for dummies / by Bob Weeks.**

Imprint Mississauga, Ont. : John Wiley & Sons, 2006.



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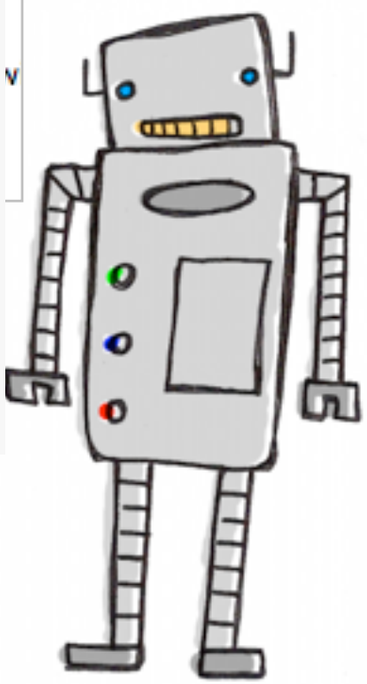
Bookmark link for this record

Rating ☆☆☆☆☆

Location	Call No.	Status
P - Moose Jaw - Adult	ANF 796.964 Wee	DUE 11-04-10
P - Mossbank Branch Library	ANF 796.964 Wee	AVAILABLE
Regina - Sherwood Village	796.964 WEEKS 2006	AVAILABLE
Regina - Sunrise	796.964 WEEKS 2006	AVAILABLE
SPL-Frances Morrison Library - Main Circ	796.964 WEEK	DUE 10-24-10



Provided by Friends of the Library of Flagler County, Inc.

TRANSCRIPT OF THE INTERVIEW WITH SANDRA ROSE FRIEDMAN

Note: The first portion of this interview was inadvertently destroyed. For more information concerning Sandra Rose Friedman's origins and early childhood please refer to the autobiography written in 1998.

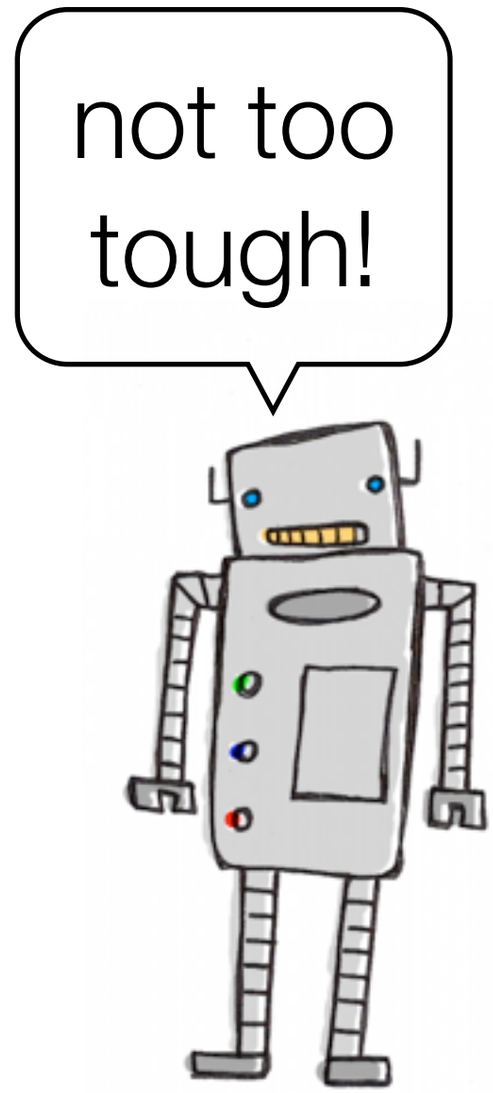
The following is a summary of the lost content prepared by the Interviewer:

On May 25, 2002 Judith Kent interviewed Sandra Rose Friedman at the Flagler County Public Library. While describing her earliest memories Mrs. Friedman recalled a pulley designed to hoist bales of mattress filling to the second story of the family's factory. She remembered the fun of trying to hoist herself up on the pulley. The family living quarters were over their factory in Newark, New Jersey. There her mother, Mirel sewed the mattress covers and her father, Nathan stuffed them. Sandra Rose was cared for by a nurse who spoke only Yiddish while her parents worked. Yiddish was spoken in

Return to Text

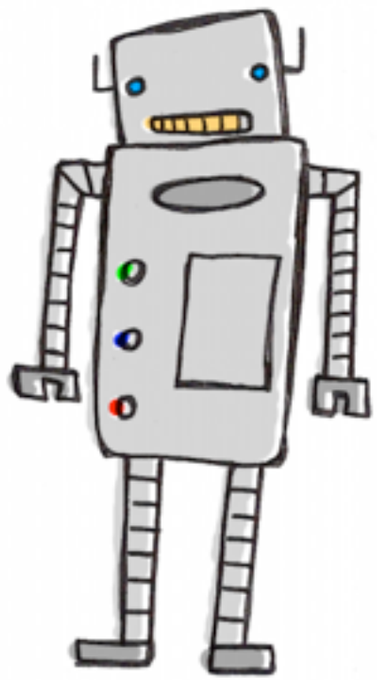
Table of Contents

Return to History



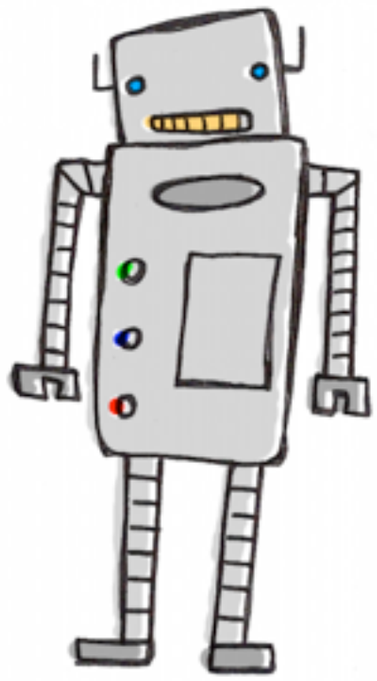
Being able to record and upload [even transcribe] audio can help you share a community's history with the community. You don't have to be 2.0.... If the content exists, "surface" good content using other snazzier tools.

The community likes to see itself. You can show the community back to itself.



The community likes to see itself. You can show the community back to itself.

bigger ideas



Mail Documents

librarian

Search Mail | Search the Web | Show search optic | Create a filter

Compose Mail

Inbox
Starred
Sent Mail
Drafts
All Mail
Spam
Trash
More

Contacts

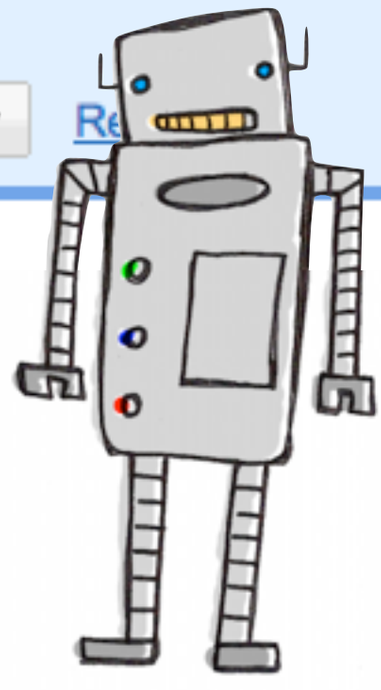
Archive | Report spam | Delete | Move to | Labels | More actions | Refresh

Select: All, None, Read, Unread, Starred, Unstarred

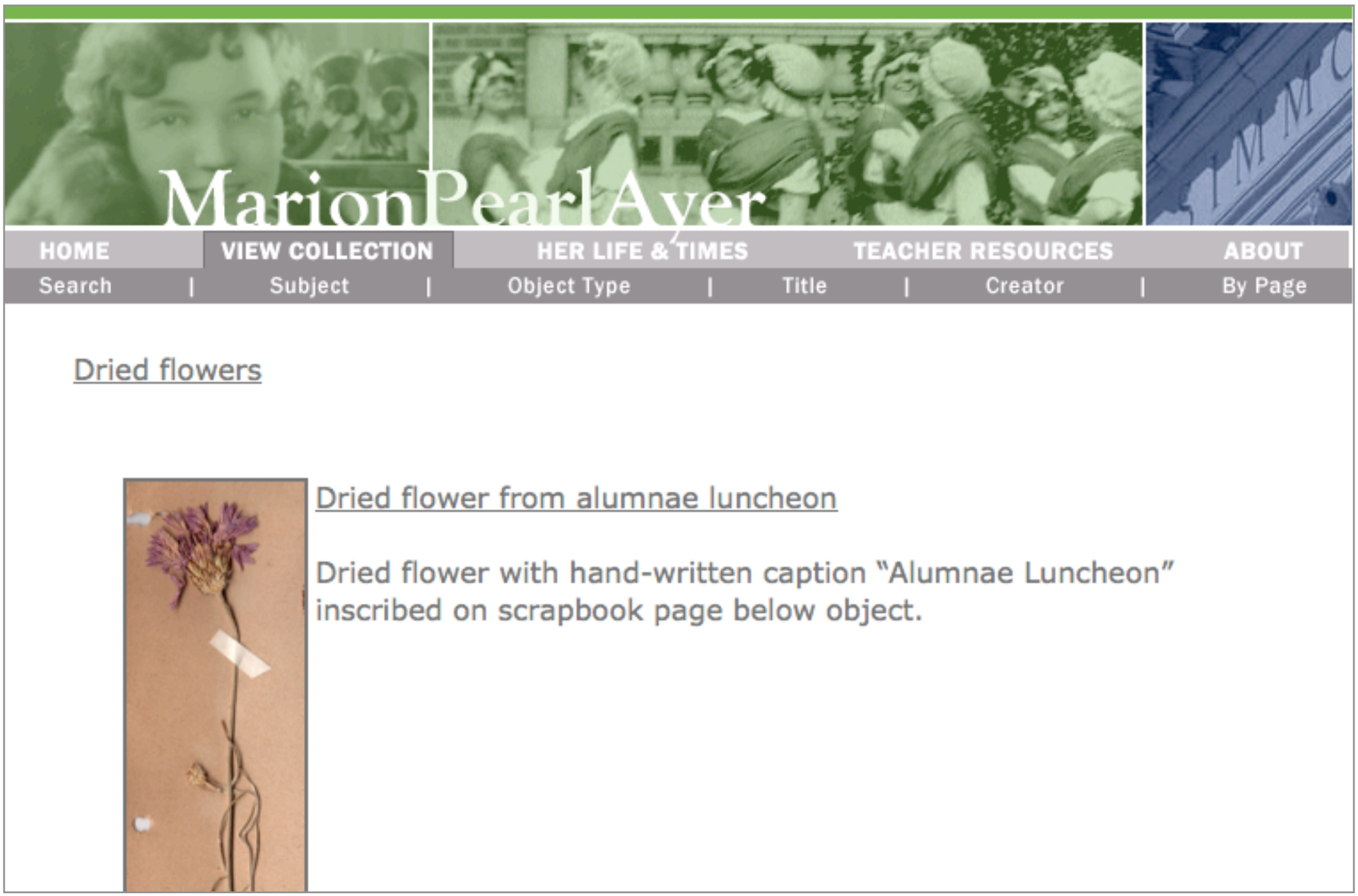
No new mail! Want to read updates from

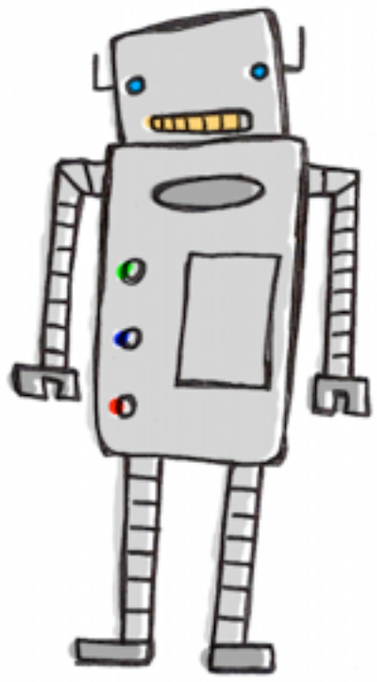
Select: All, None, Read, Unread, Starred, Unstarred

Archive | Report spam | Delete | Move to | Labels | More actions | Re

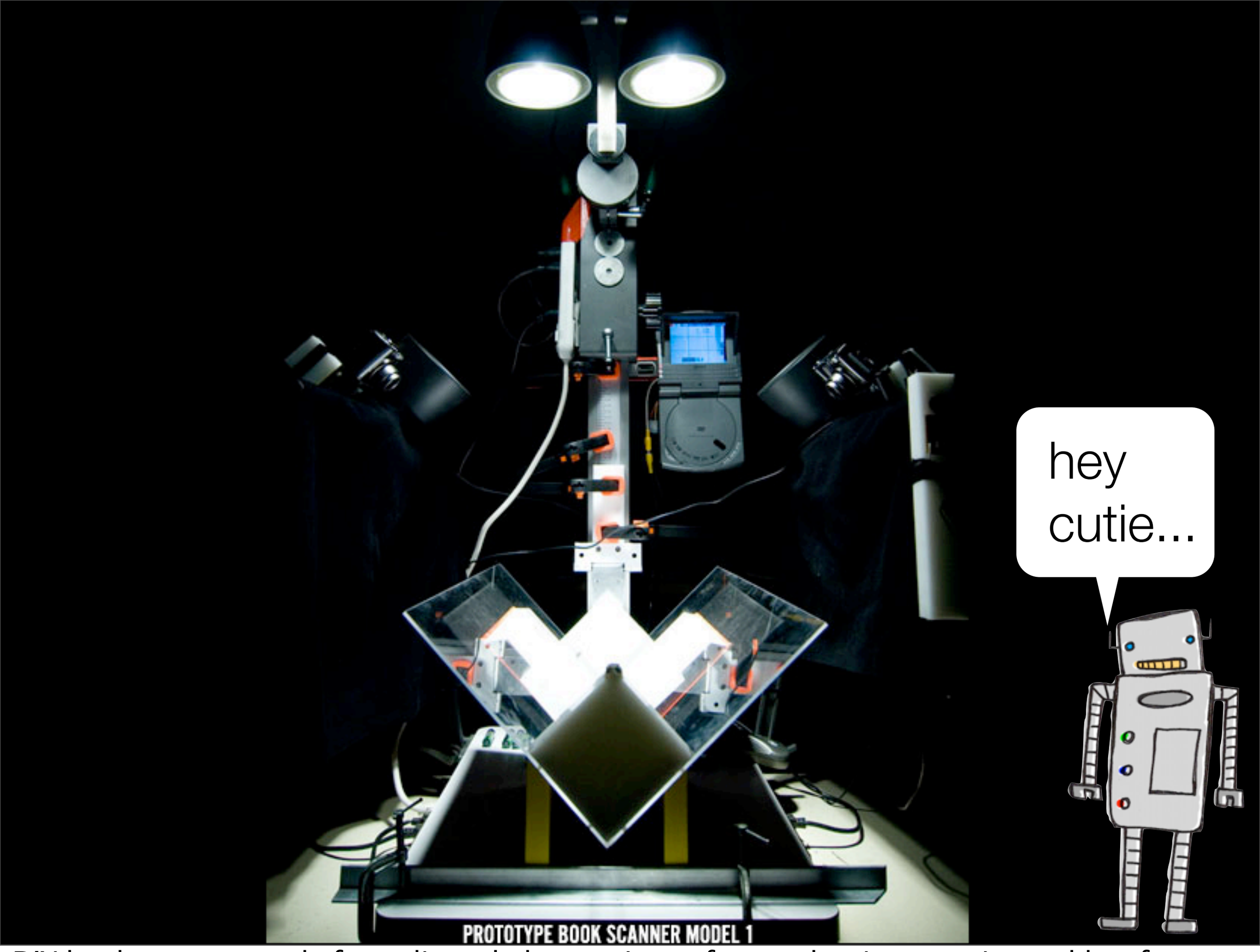


I'm not a total shill for google but....

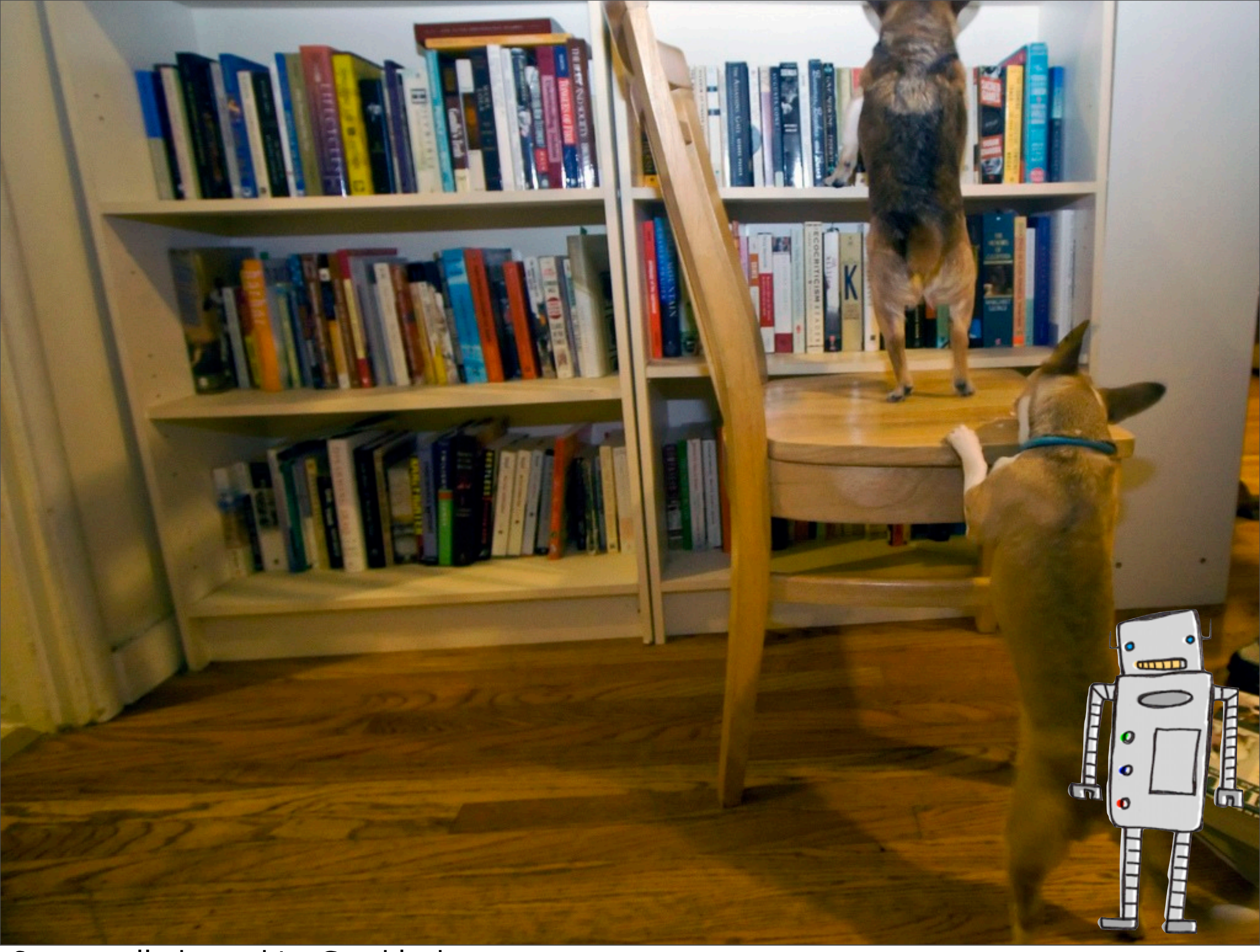


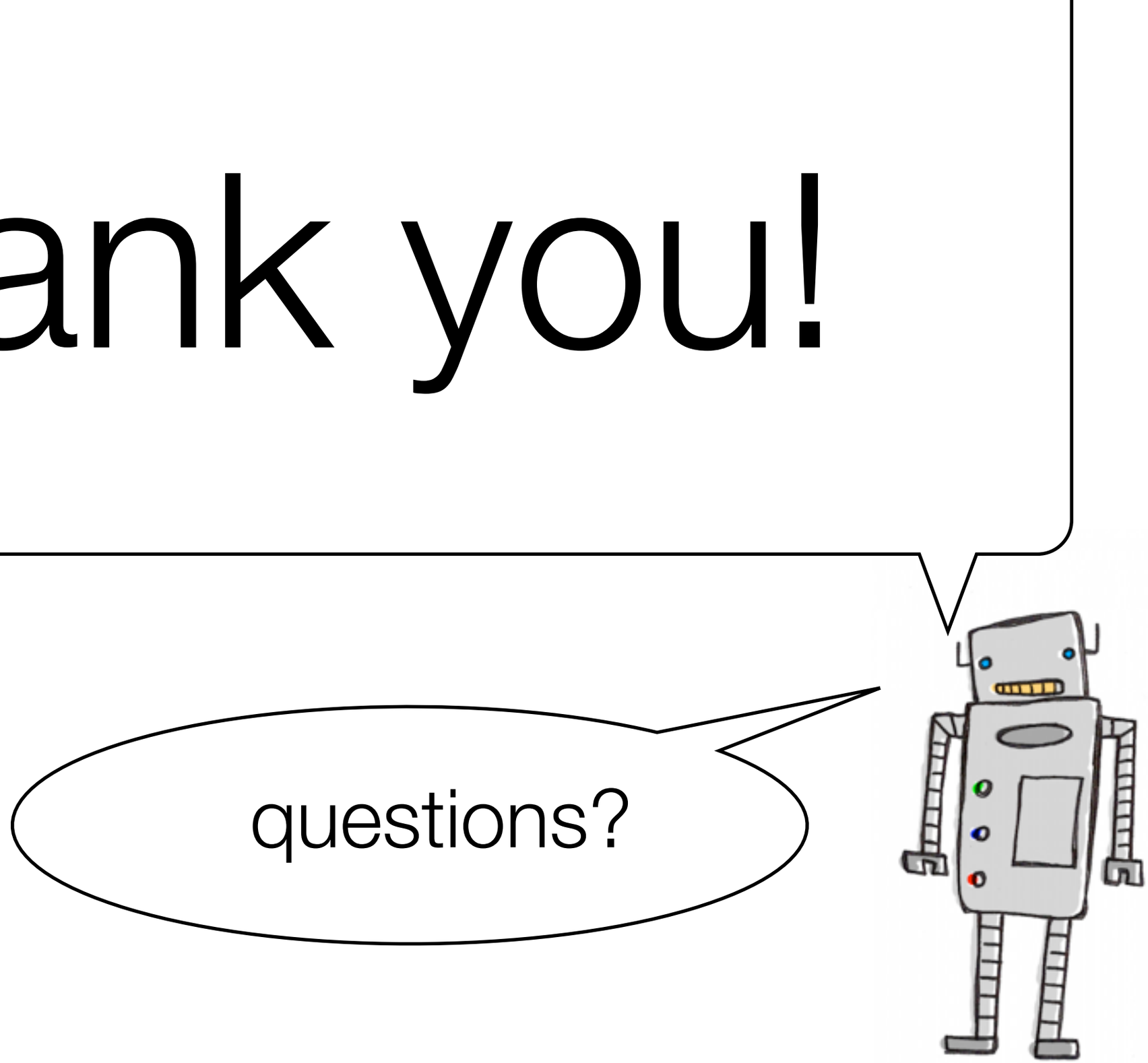


Simmons created a digital archive using free software called Greenstone, looks nice!



DIY bookscanner, made from discarded parts. Lots of steps, but inexpensive and hey free book scans.



Start small, dream big. Good luck.

thank you!