



Introducing Thinking Bicycle

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Side projects are a great way to experiment with things you personally find interesting. They are a great way to learn new things, and to experiment with great ideas.

- You need one!
- Don't be worried about success, it's just a toy/experiment/learning experience/whatever.
- Do something out of your comfort zone.
- Do something you personally will find interesting.

I think you should reach for the stars with your
toy projects.



Because even if you fail, you'll probably come up with some cool stuff on the way.

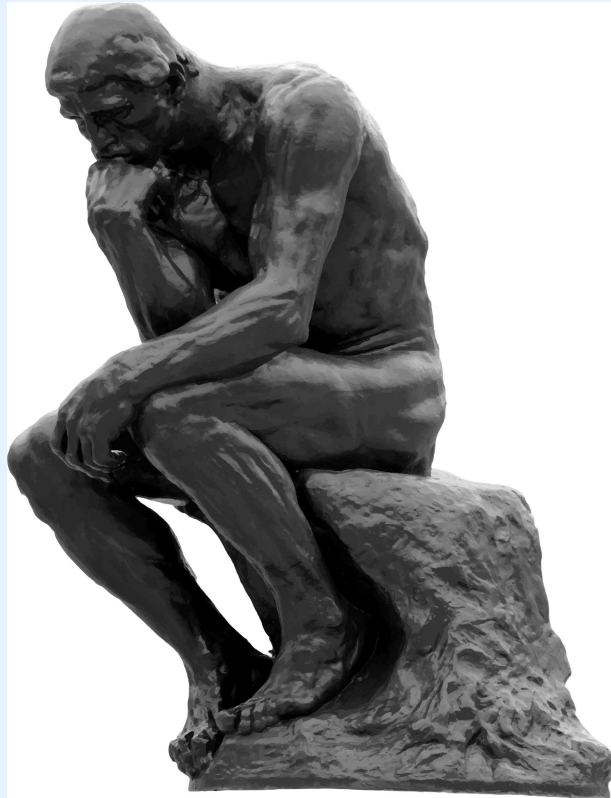


I made a website!



(It's not quite that bad.)

It's called Thinking Bicycle.

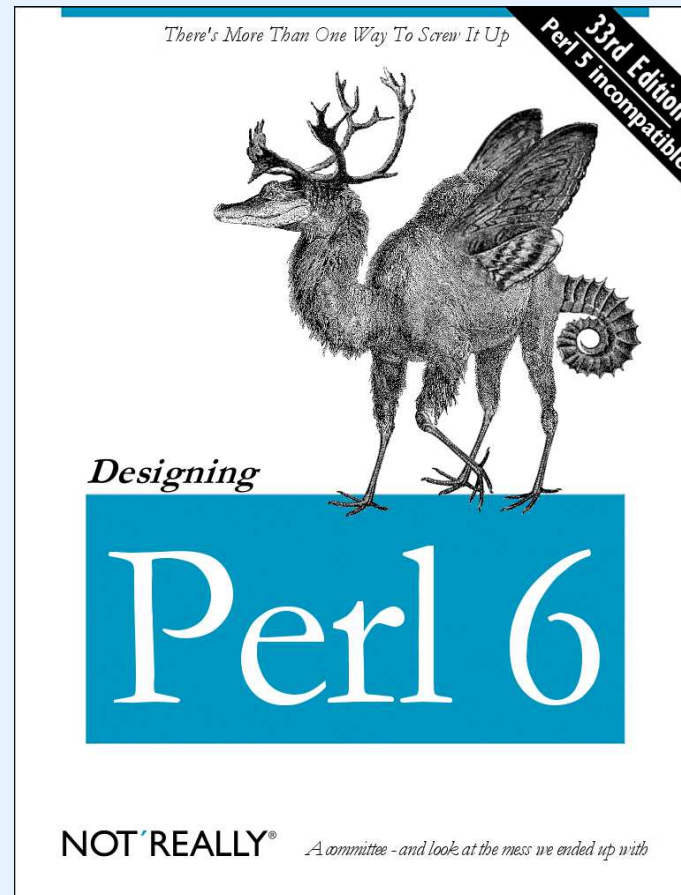


Like so many websites, it's eternally under construction.

under**construction**



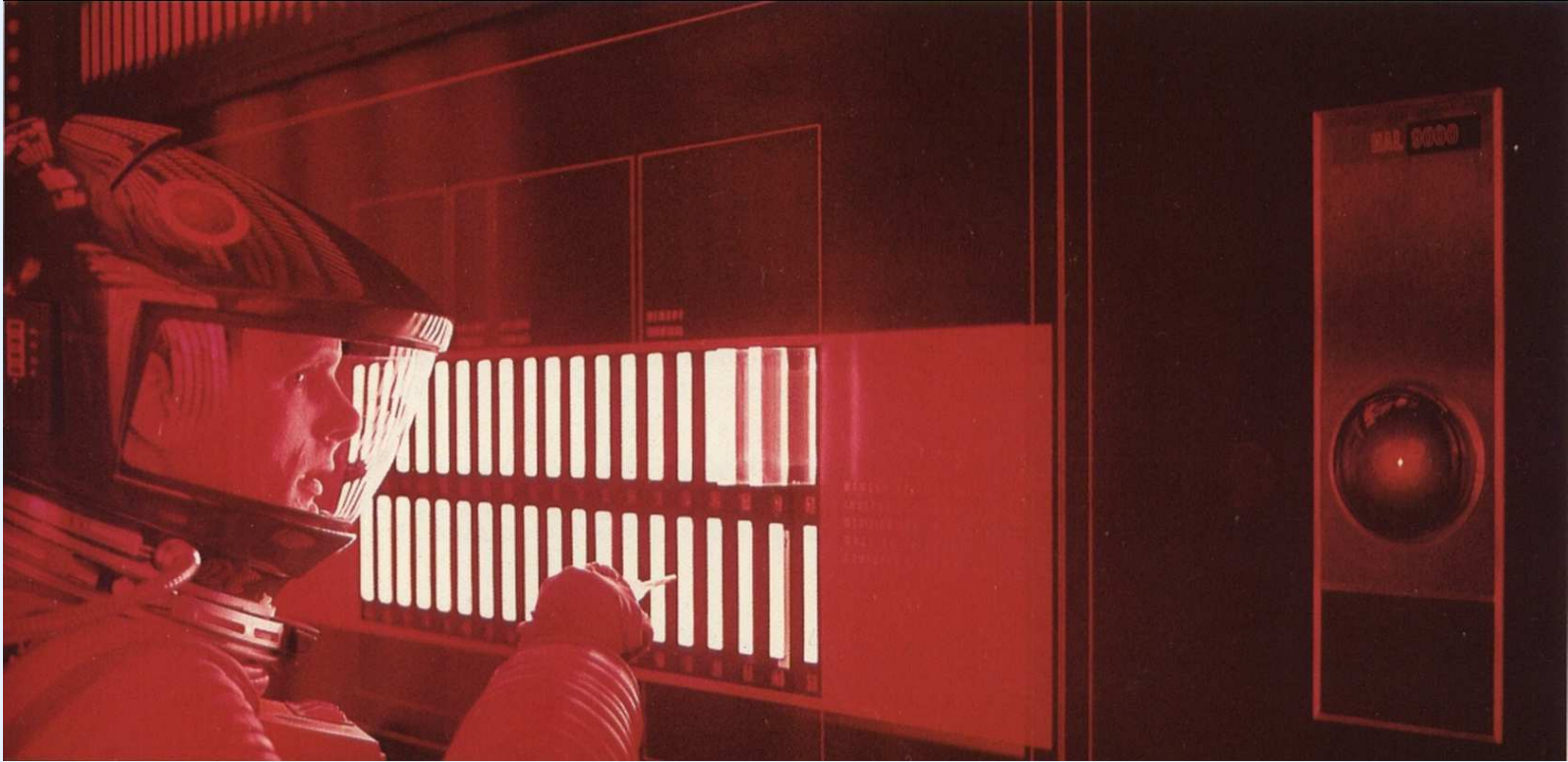
I'm going to talk some about long-term goals,
but I'm not trying to sell vaporware.



What was the original goal of this project?
I've always been really interested in AI ...



...Real AI.



If it can't become a murdering Machiavellian psychopath, it's not *real* AI.

But we can't make a "Real" AI.




I've started from scratch three times with this project, but I think I'm on the right track now.

ACT V.

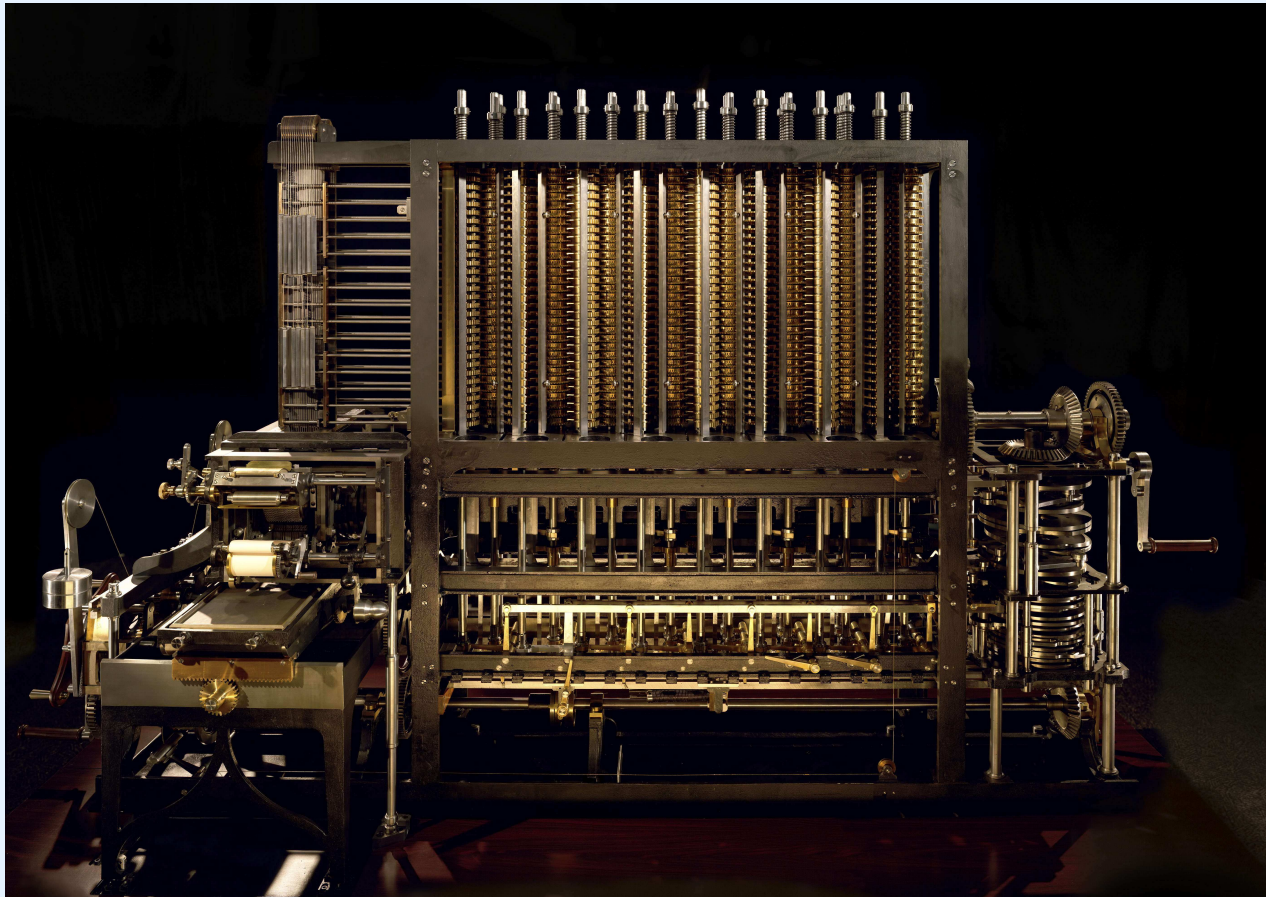
SCENE I.—*A Room in the Garter Inn.*

Enter FALSTAFF and Mistress QUICKLY.

Falstaff.

 R'YTHEE, no more prattling:—go.
I'll hold: this is the third time;
I hope good luck lies in odd
numbers. Away, go; they say there is
divinity in odd numbers, either in nativity, 5
chance, or death.—Away.

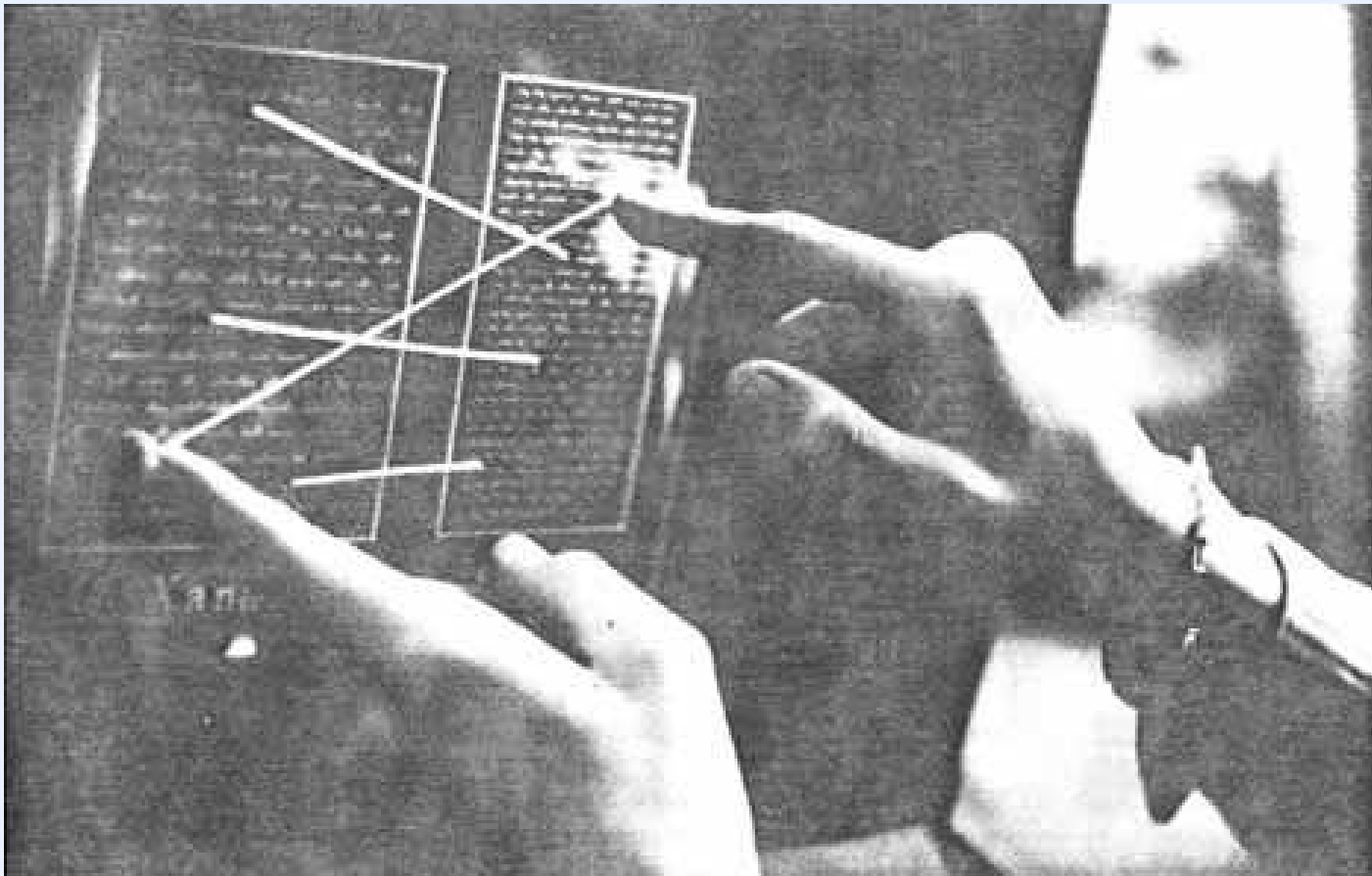
We need programmability everywhere.



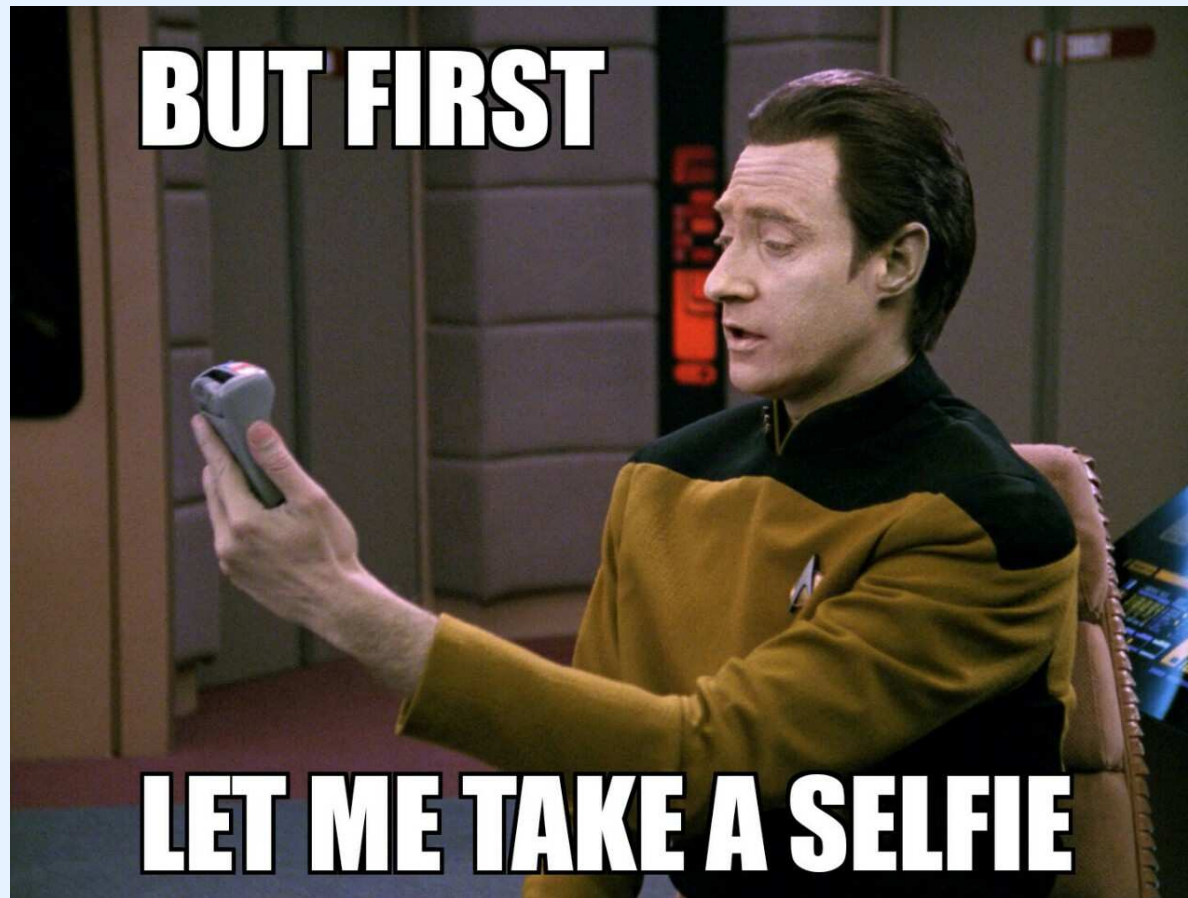
We need a whole lot of human-curated information, all interconnected.

- Links
- Keywords
- Tags, bookmarks, shares
- Forums, chats, messages
- Notes
- Databases
- Spreadsheets
- ...

We need xanalogical transclusions everywhere.



We need lots of real data about everything.



And then we can finally get started on the future of human-computer interaction.



Currently, text on the Web sucks.

- Plain text sucks.
- Unicode sucks.
- Markdown sucks.
- Wikis suck.
- HTML **really** sucks.

How do we make it not suck?
Maybe even awesome?
Make it fully programmable.



Teepee: A home for everywhere you choose to wander.



Teepee:
**A programming language for everything you
choose to type.**



Paragraphs in Teepee

1 This is the first paragraph.
2 This is also the first paragraph.
3
4 This is the second paragraph.
5 This is also the second paragraph.

Functions in Teepee

```
1 Some text ...  
2 Text \some-function{foo bar baz ...} text ...  
3 Some text ...
```


Bold Text

Normal text **bold text** normal text.

Normal text \b{bold text} normal text.

Italic Text

Normal text *italic text* normal text.

Normal text `\it{italic text}` normal text.

Strike Through Text

Normal text ~~strike through text~~ normal text.

Normal text \s{strike through text} normal text.

Underlined Text

Normal text underlined text normal text.

Normal text \u{underlined text} normal text.

Teletype Text

Normal text teletype text normal text.

Normal text \tt{teletype text} normal text.

Subscripts

Normal text sub_{scripts} normal text.

Normal text sub\sub{scripts} normal text.

Superscripts

Normal text super^{scripts} normal text.

Normal text super\sup{scripts} normal text.

Bigger Text

Normal text bigger text normal text.

Normal text `\big{bigger text}` normal text.

Smaller Text

Normal text smaller text normal text.

Normal text \small{smaller text} normal text.

Commands Can Nest

Normal text ***bold and italic text*** normal text.

Normal text `\it{\b{bold and italic text}}` normal text.

Short-Term Goals

- HTTPS
- Emailed password resets
- User groups and private sharing
- Lambdas
- Includes
- ...

Questions?