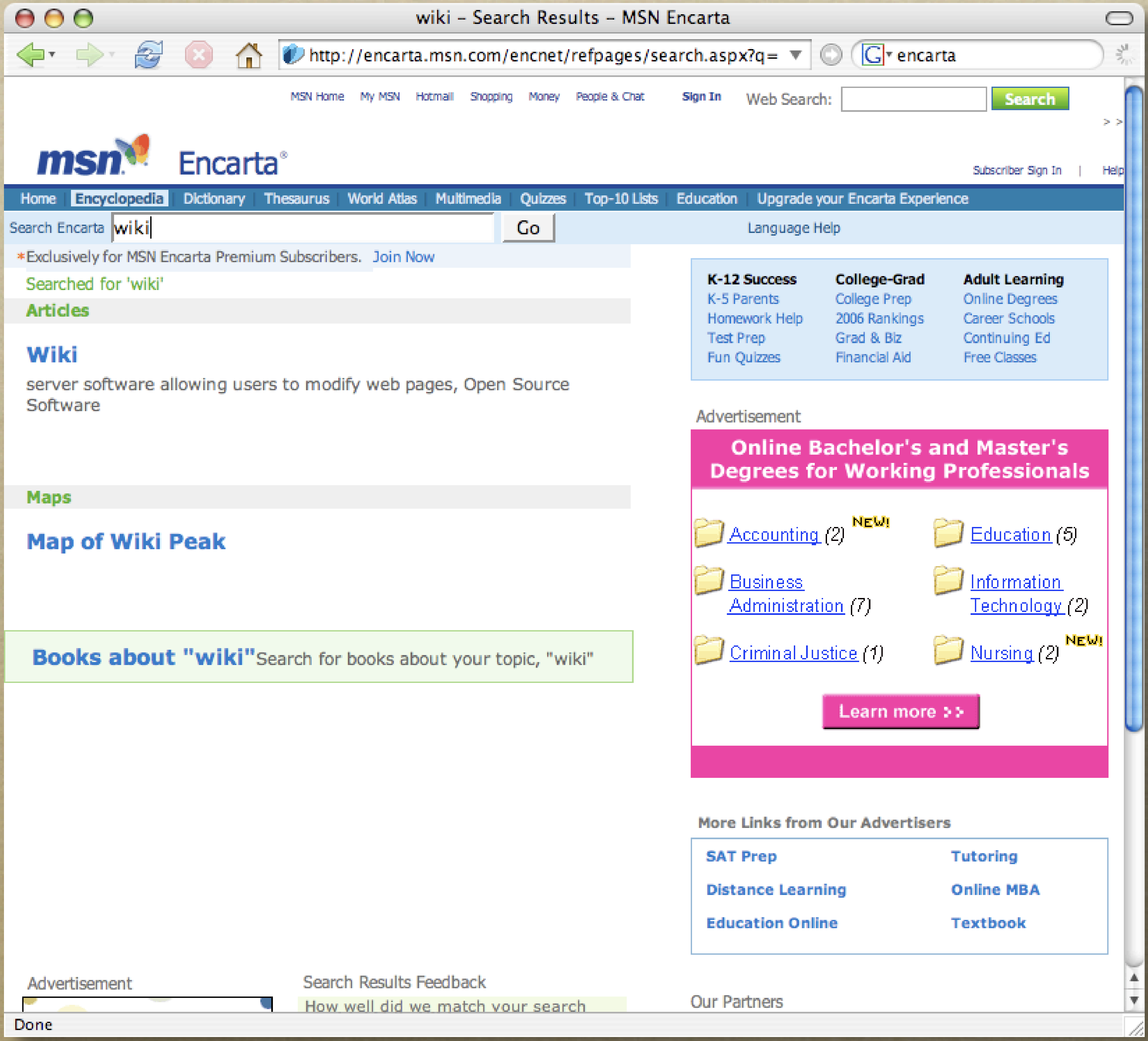
Design Principles of Wiki: How can so little do so much?

Ward Cunningham
c2.com/doc/wikisym
BY: *2006*

Wiki Defined

11 words



wiki – Search Results – MSN Encarta

http://encarta.msn.com/encnet/refpages/search.aspx?q=

encarta
MSN Home
My MSN
Hotmail
Shopping
Money
People & Chat
Sign In
Web Search:
Search
msn Encarta
Subscriber Sign In
Help
Home
Encyclopedia
Dictionary
Thesaurus
World Atlas
Multimedia
Quizzes
Top-10 Lists
Education
Upgrade your Encarta Experience
Search Encarta
wiki
Go
Language Help

*Exclusively for MSN Encarta Premium Subscribers. Join Now

Searched for 'wiki'

Articles

Wiki

server software allowing users to modify web pages, Open Source Software

Maps

Map of Wiki Peak

Books about "wiki" Search for books about your topic, "wiki"

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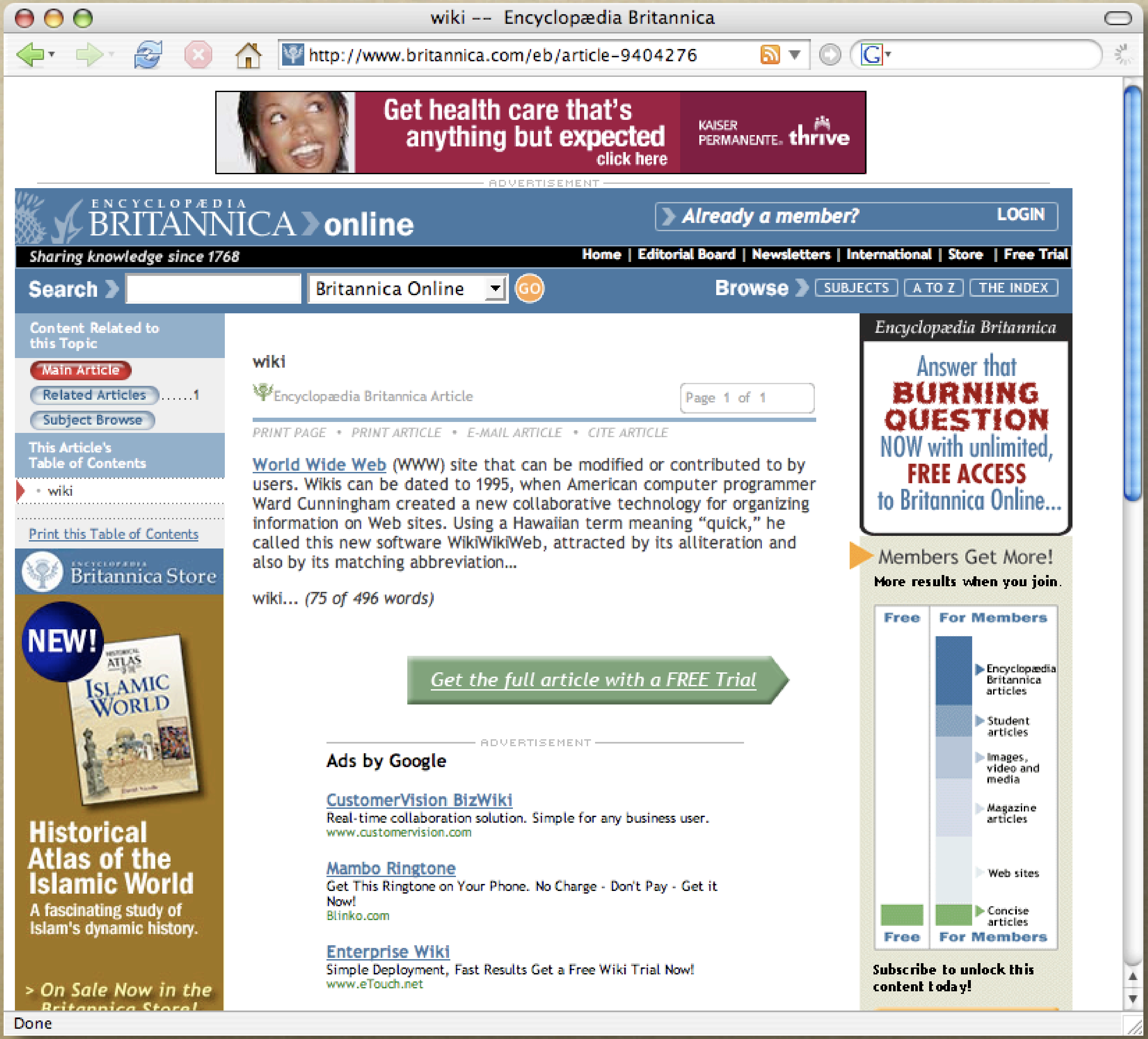
Done

75 of 496 words


wiki -- Encyclopædia Britannica
http://www.britannica.com/eb/article-9404276
Get health care that's anything but expected
click here
KAISER PERMANENTE. thrive
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THE INDEX
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Main Article
Related Articles 1
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Magazine articles
Web sites
Concise articles
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Done

wiki

Encyclopædia Britannica Article

Page 1 of 1

PRINT PAGE • PRINT ARTICLE • E-MAIL ARTICLE • CITE ARTICLE

World Wide Web (WWW) site that can be modified or contributed to by users. Wikis can be dated to 1995, when American computer programmer Ward Cunningham created a new collaborative technology for organizing information on Web sites. Using a Hawaiian term meaning "quick," he called this new software WikiWikiWeb, attracted by its alliteration and also by its matching abbreviation...

wiki... *(75 of 496 words)*

Get the full article with a FREE Trial

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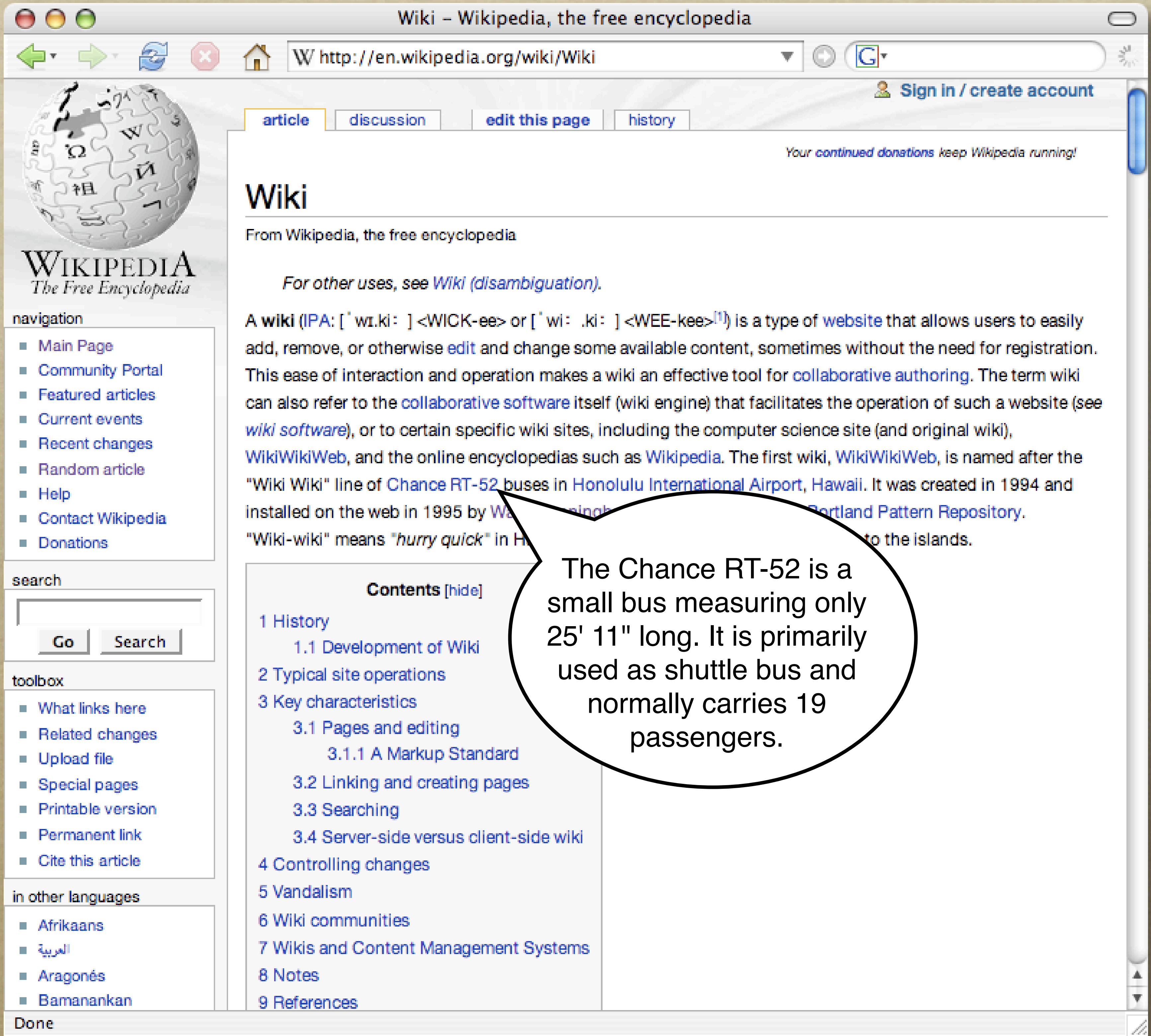
CustomerVision BizWiki
Real-time collaboration solution. Simple for any business user.
www.customervision.com

Mambo Ringtone
Get This Ringtone on Your Phone. No Charge - Don't Pay - Get it Now!
Blinko.com

Enterprise Wiki
Simple Deployment, Fast Results Get a Free Wiki Trial Now!
www.eTouch.net

3271
words


Wiki – Wikipedia, the free encyclopedia
http://en.wikipedia.org/wiki/Wiki
Sign in / create account
article
discussion
edit this page
history
Your continued donations keep Wikipedia running!
Wikipedia
The Free Encyclopedia
navigation
Main Page
Community Portal
Featured articles
Current events
Recent changes
Random article
Help
Contact Wikipedia
Donations
search
Go
Search
toolbox
What links here
Related changes
Upload file
Special pages
Printable version
Permanent link
Cite this article
in other languages
Afrikaans
العربية
Aragonés
Bamanankan
Done

Wiki

From Wikipedia, the free encyclopedia

For other uses, see Wiki (disambiguation).

A **wiki** (IPA: [ˈwɪ.kiː] <WICK-ee> or [ˈwiː.kiː] <WEE-kee>[1]) is a type of website that allows users to easily add, remove, or otherwise edit and change some available content, sometimes without the need for registration. This ease of interaction and operation makes a wiki an effective tool for collaborative authoring. The term wiki can also refer to the collaborative software itself (wiki engine) that facilitates the operation of such a website (see *wiki software*), or to certain specific wiki sites, including the computer science site (and original wiki), WikiWikiWeb, and the online encyclopedias such as Wikipedia. The first wiki, WikiWikiWeb, is named after the "Wiki Wiki" line of Chance RT-52 buses in Honolulu International Airport, Hawaii. It was created in 1994 and
installed on the web in 1995 by Wa
ortland Pattern Repository.
"Wiki-wiki" means *"hurry quick"* in H
o the islands.

Contents [hide]

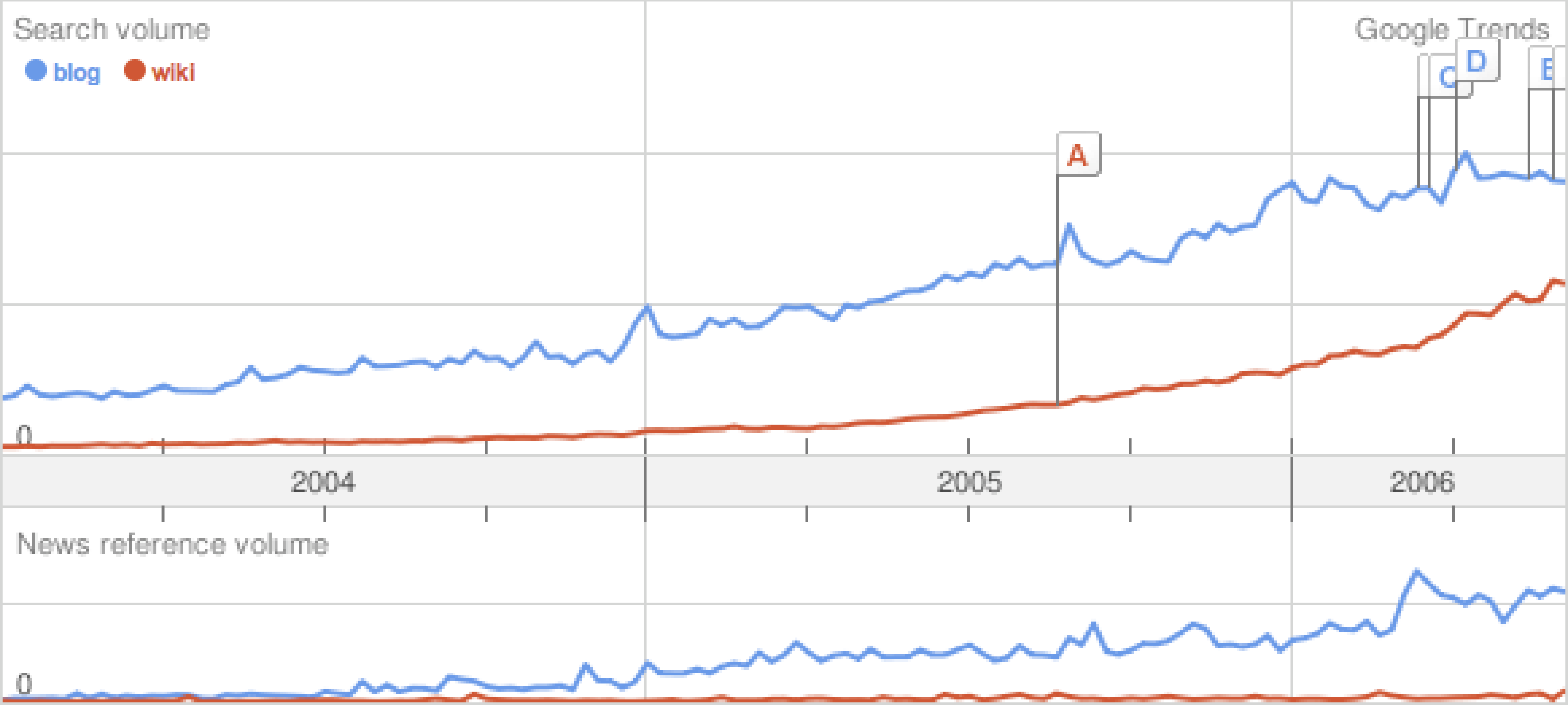
- 1 History
  - 1.1 Development of Wiki
- 2 Typical site operations
- 3 Key characteristics
  - 3.1 Pages and editing
    - 3.1.1 A Markup Standard
  - 3.2 Linking and creating pages
  - 3.3 Searching
  - 3.4 Server-side versus client-side wiki
- 4 Controlling changes
- 5 Vandalism
- 6 Wiki communities
- 7 Wikis and Content Management Systems
- 8 Notes
- 9 References

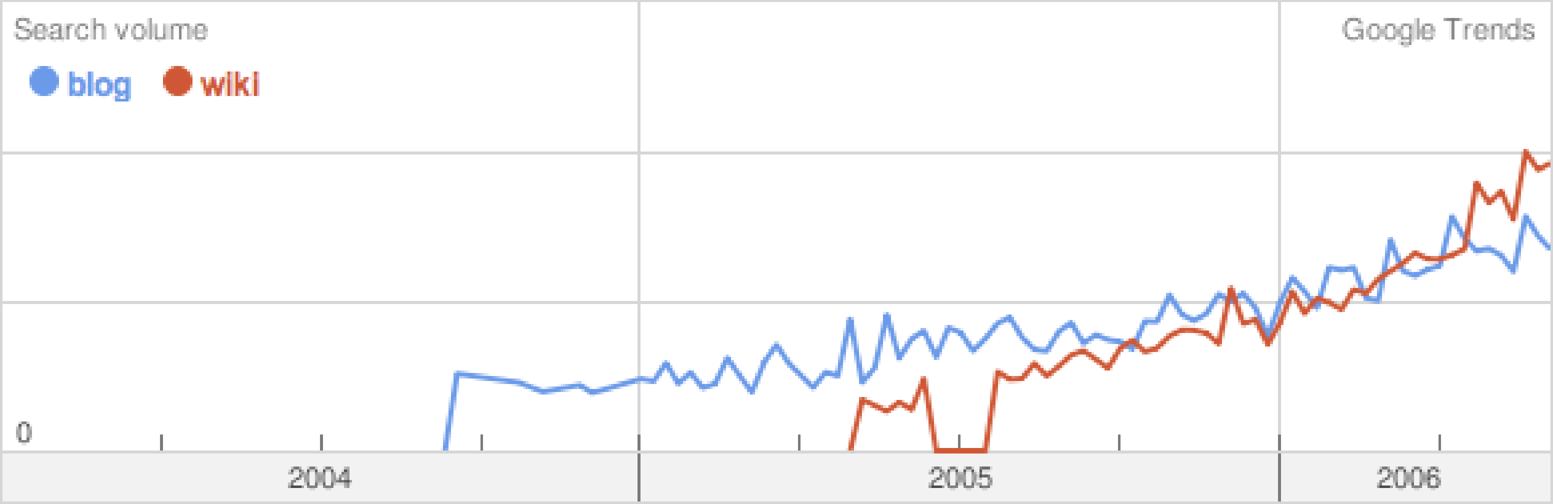
The Chance RT-52 is a small bus measuring only 25' 11" long. It is primarily used as shuttle bus and normally carries 19 passengers.

Wiki vs. Blogs

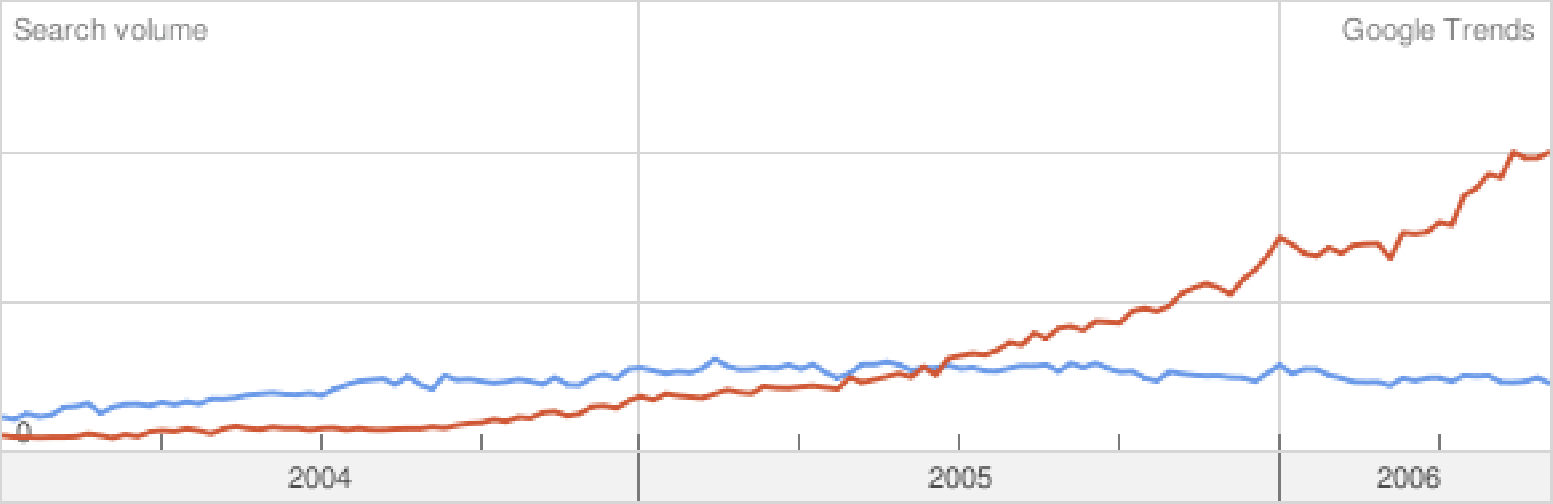
A wiki is a work made by a community.
The blogosphere is a community made by its works.

(Wikizens can come and go without
changing a wiki's identity)

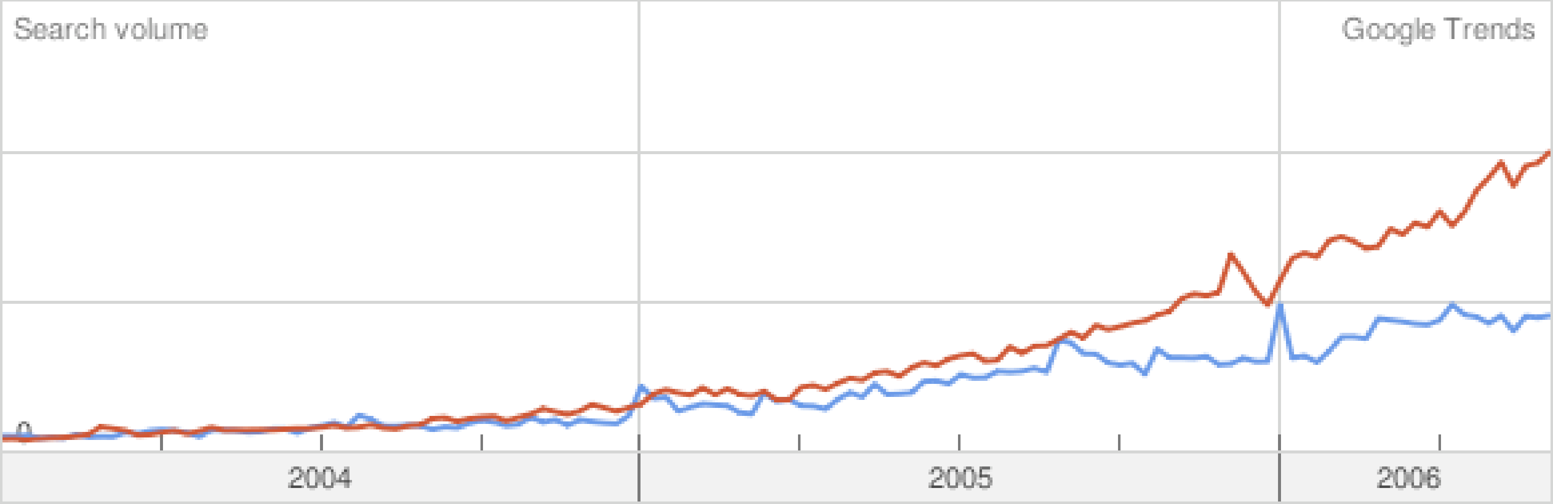
Search volume
● blog
● wiki
Google Trends
A
C
D
E
0
2004
2005
2006
News reference volume
0



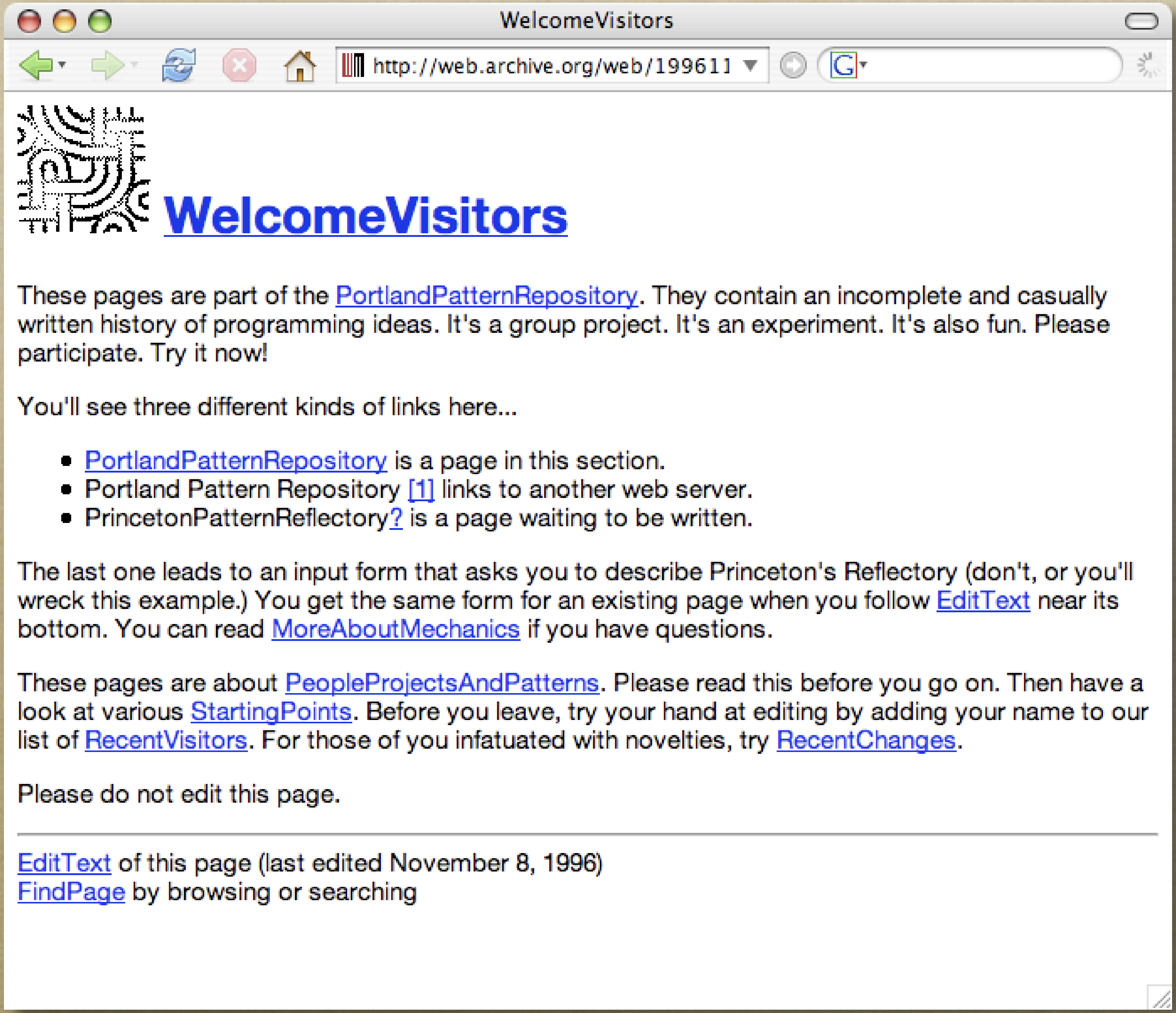
Denmark



Japan



Germany



WelcomeVisitors

These pages are part of the PortlandPatternRepository. They contain an incomplete and casually written history of programming ideas. It's a group project. It's an experiment. It's also fun. Please participate. Try it now!

You'll see three different kinds of links here...

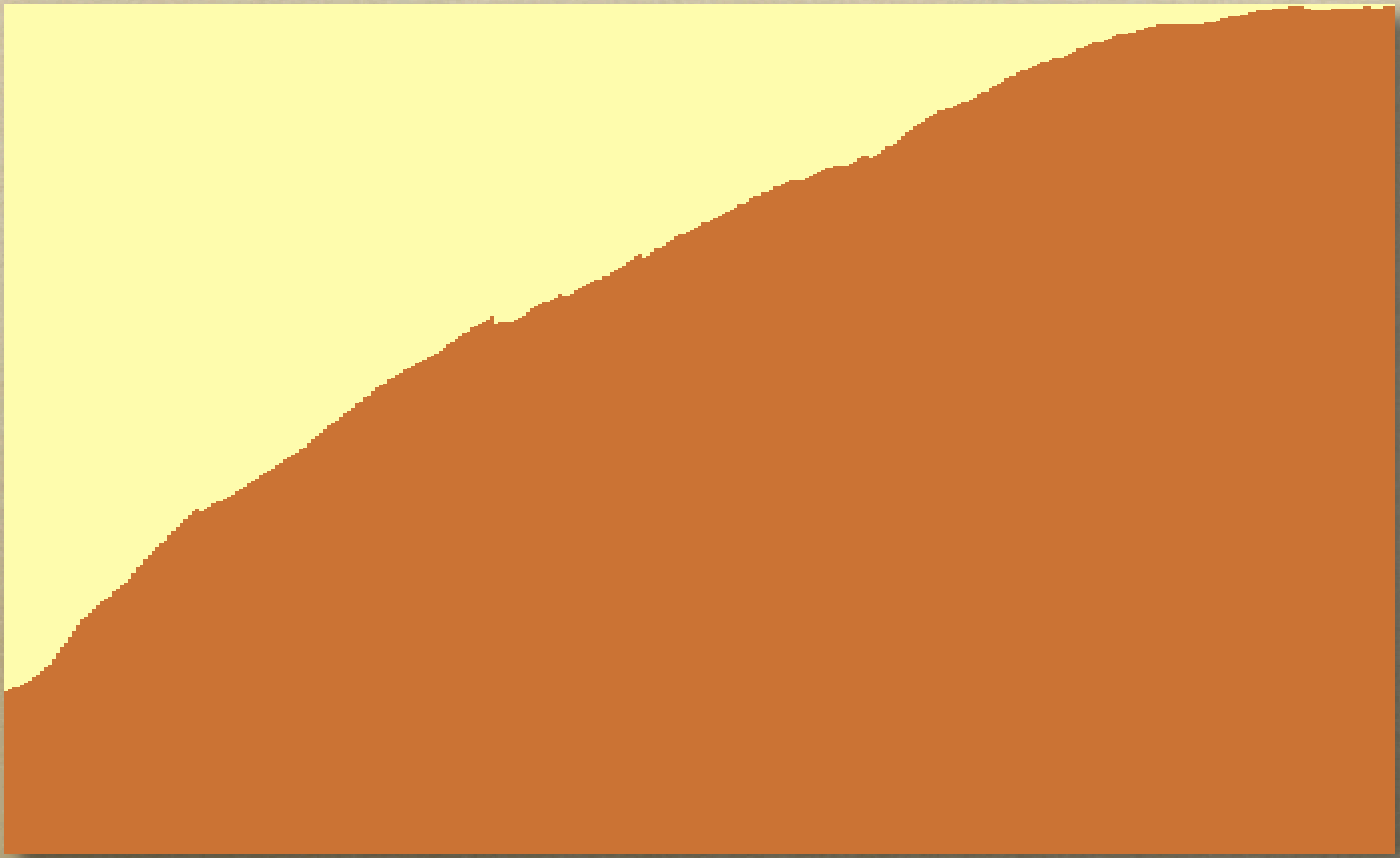
- PortlandPatternRepository is a page in this section.
- Portland Pattern Repository [1] links to another web server.
- PrincetonPatternReflectory? is a page waiting to be written.

The last one leads to an input form that asks you to describe Princeton's Reflectory (don't, or you'll wreck this example.) You get the same form for an existing page when you follow EditText near its bottom. You can read MoreAboutMechanics if you have questions.

These pages are about PeopleProjectsAndPatterns. Please read this before you go on. Then have a look at various StartingPoints. Before you leave, try your hand at editing by adding your name to our list of RecentVisitors. For those of you infatuated with novelties, try RecentChanges.

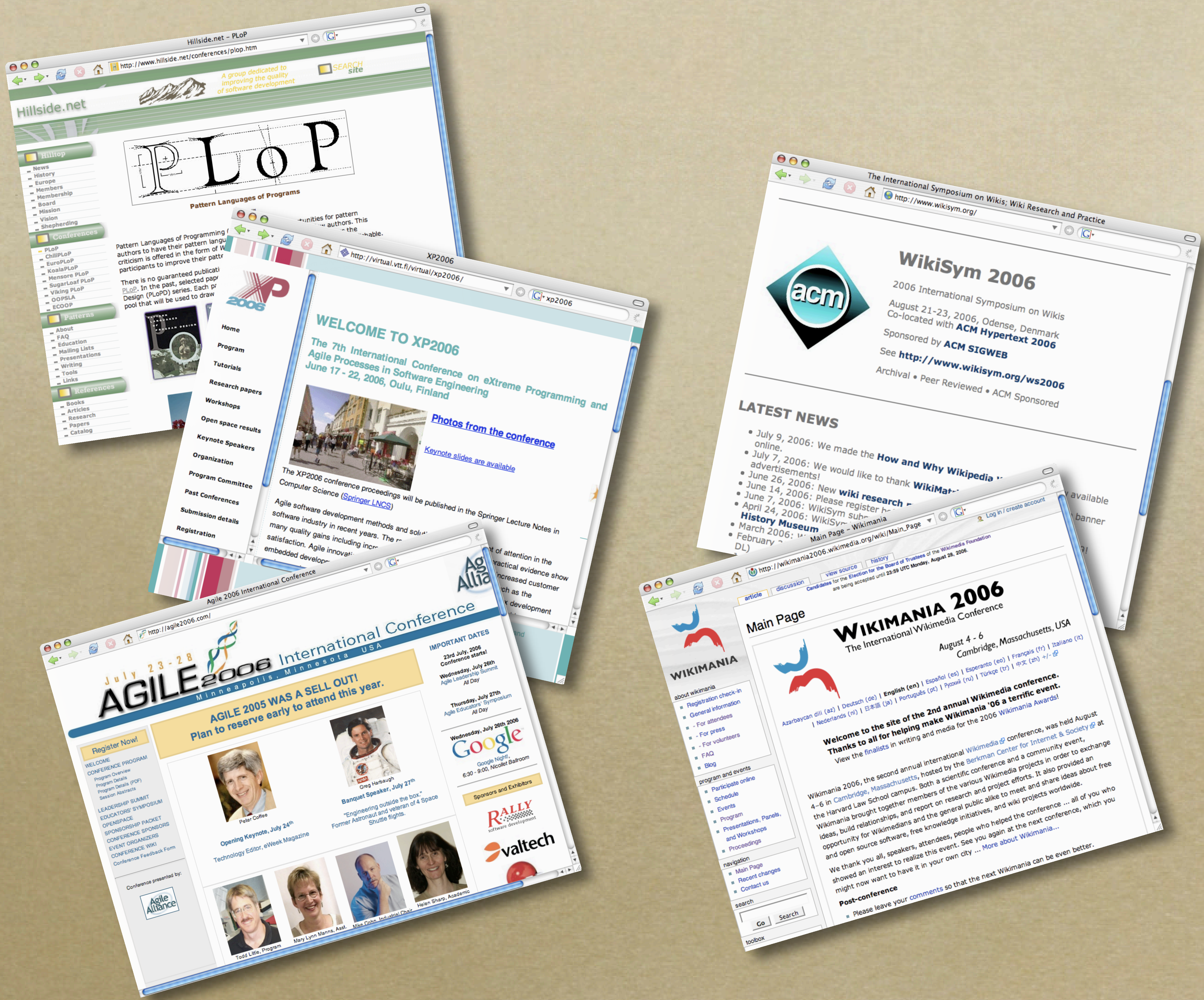
Please do not edit this page.

EditText of this page (last edited November 8, 1996)
FindPage by browsing or searching



Count is 32027 pages in 222 megabytes.
Average page size 6947 bytes.
Average growth rate 11 pages per day.
Growth rate last week 5 pages per day.
Recorded period 2442 days (348 weeks).
Last data recorded 3 days ago.

Agile development corrects dysfunctional behavior resulting from decades of misunderstood risk.


Hillside.net – PLoP
http://www.hillside.net/conferences/plop.htm
SEARCH site
Hillside.net
A group dedicated to improving the quality of software development
Hilltop
News
History
Europe
Members
Membership
Board
Mission
Vision
Shepherding
Conferences
PLoP
ChiliPLoP
EuroPLoP
KoalaPLoP
Mensore PLoP
SugarLoaf PLoP
Viking PLoP
OOPSLA
ECOOP
Patterns
About
FAQ
Education
Mailing Lists
Presentations
Writing
Tools
Links
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Books
Articles
Research
Papers
Catalog
PLoP
Pattern Languages of Programs

Pattern Languages of Programming (… authors to have their pattern langu… criticism is offered in the form of W… participants to improve their patte… …tunities for pattern …w authors. This …the …hable.

There is no guaranteed publicati… PLoP. In the past, selected pape… Design (PLoPD) series. Each pa… pool that will be used to draw…

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WELCOME TO XP2006

The 7th International Conference on eXtreme Programming and Agile Processes in Software Engineering June 17 - 22, 2006, Oulu, Finland

Photos from the conference

Keynote slides are available

The XP2006 conference proceedings will be published in the Springer Lecture Notes in Computer Science (Springer LNCS)

Agile software development methods and solu… software industry in recent years. The r… many quality gains including incr… satisfaction. Agile innovati… embedded develop… …t of attention in the …ractical evidence show …ncreased customer …ch as the …x development

The International Symposium on Wikis; Wiki Research and Practice
http://www.wikisym.org/
acm

WikiSym 2006

2006 International Symposium on Wikis

August 21-23, 2006, Odense, Denmark
Co-located with **ACM Hypertext 2006**

Sponsored by **ACM SIGWEB**

See **http://www.wikisym.org/ws2006**

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LATEST NEWS

- July 9, 2006: We made the **How and Why Wikipedia** … online.
- July 7, 2006: We would like to thank **WikiMat…** … advertisements!
- June 26, 2006: New **wiki research** … available
- June 14, 2006: Please register h… banner
- June 7, 2006: WikiSym sub…
- April 24, 2006: WikiSym… **History Museum**
- March 2006: W…
- February … DL) …g!

Agile 2006 International Conference
http://agile2006.com/
July 23-28
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Minneapolis, Minnesota USA
Agile Alliance

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CONFERENCE Feedback Form
Conference presented by:
Agile Alliance

Peter Coffee
Opening Keynote, July 24th
Technology Editor, eWeek Magazine

Greg Harbaugh
Banquet Speaker, July 27th
"Engineering outside the box."
Former Astronaut and veteran of 4 Space Shuttle flights.

Todd Little, Program
Mary Lynn Manns, Asst.
Mike Cohn, Industrial Chair
Helen Sharp, Academic

IMPORTANT DATES

23rd July, 2006
Conference starts!

Wednesday, July 26th
Agile Leadership Summit
All Day

Thursday, July 27th
Agile Educators' Symposium
All Day

Wednesday, July 26th 2006
Google
Google Night!,
6:30 - 9:00, Nicollet Ballroom

Sponsors and Exhibitors
RALLY software development
valtech

Main Page – Wikimania
http://wikimania2006.wikimedia.org/wiki/Main_Page
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discussion
view source
history
WIKIMANIA
about wikimania
Registration check-in
General information
- For attendees
- For press
- For volunteers
FAQ
Blog
program and events
Participate online
Schedule
Events
Program
Presentations, Panels, and Workshops
Proceedings
navigation
Main Page
Recent changes
Contact us
search
Go
Search
toolbox

Candidates for the Election for the Board of Trustees of the Wikimedia Foundation are being accepted until 23:59 UTC Monday, August 28, 2006.

Main Page

WIKIMANIA 2006
The International Wikimedia Conference
August 4 - 6
Cambridge, Massachusetts, USA

Azərbaycan dili (az) | Deutsch (de) | **English (en)** | Español (es) | Esperanto (eo) | Français (fr) | Italiano (it) | Nederlands (nl) | 日本語 (ja) | Português (pt) | Русский (ru) | Türkçe (tr) | 中文 (zh) +/-

Welcome to the site of the 2nd annual Wikimedia conference.
Thanks to all for helping make Wikimania '06 a terrific event.
View the finalists in writing and media for the 2006 Wikimania Awards!

Wikimania 2006, the second annual international Wikimedia conference, was held August 4–6 in Cambridge, Massachusetts, hosted by the Berkman Center for Internet & Society at the Harvard Law School campus. Both a scientific conference and a community event, Wikimania brought together members of the various Wikimedia projects in order to exchange ideas, build relationships, and report on research and project efforts. It also provided an opportunity for Wikimedians and the general public alike to meet and share ideas about free and open source software, free knowledge initiatives, and wiki projects worldwide.

We thank you all, speakers, attendees, people who helped the conference ... all of you who showed an interest to realize this event. See you again at the next conference, which you might now want to have it in your own city ... More about Wikimania...

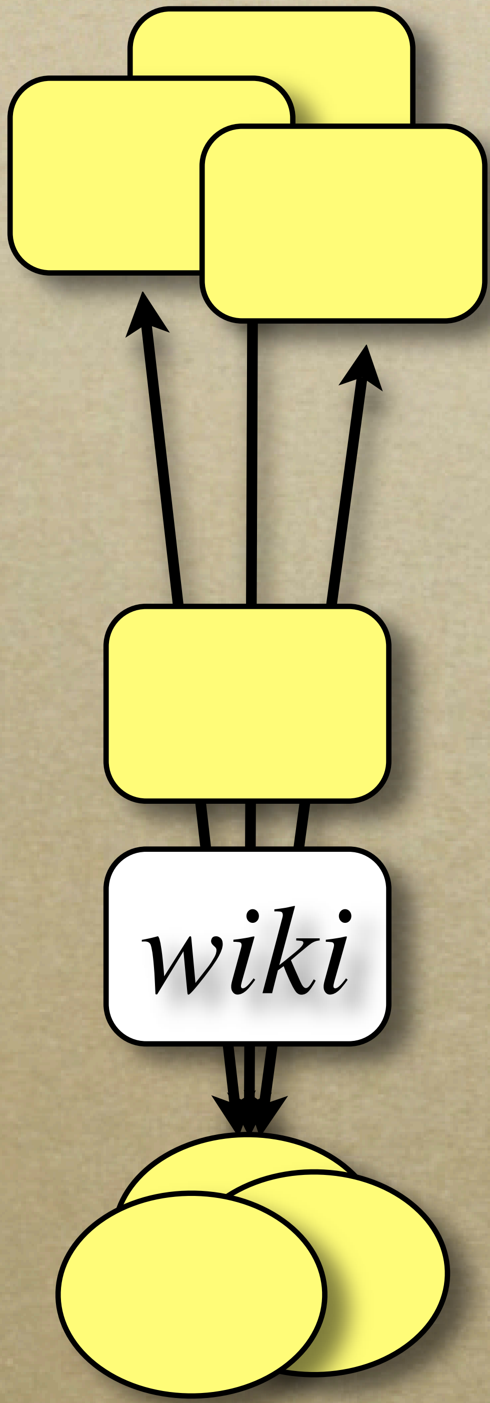
Post-conference

- Please leave your comments so that the next Wikimania can be even better.

	Agile	Wiki	Open
Correction	Risk	Knowledge	Property
Barrier	Plan	Privilege	License
Team	Location	Attention	Merit
Serves	Customer	Reader	Developer

So Much for So Little

SigWik	4 lines, 222 chars of Perl.
FleaWi	4 lines, 228 chars of Perl.
NanoWiki	5 lines, 295 chars of Perl.
PeeWee	7 lines, 444 chars of Perl.
PeWi	7 lines, 515 chars of Perl.
WyPy	11 lines, 814 chars of Python.
MuWiki	15 lines of PHP.
WjKj	16 lines, 1,212 chars of Java
WyRiki	20 lines, 1,361 chars of Ruby
TinyWiki	28 lines of Perl.
Qiki	32 lines of Python.
FinikiWiki	38 lines of Perl.
RikiWiki	40 lines of Ruby.



web browsers

web server

cgi scripts

file system

```
#!/usr/bin/perl
use CGI':all';

path_info=~/\w+/;
$_=`grep -l $& *`.h1($&).escapeHTML$t=param(t)||`dd<$&`;

open F,">$&";
print F$t;

s/htt\S+|([A-Z]\w+){2,}/a{href,$&},$&/eg;
print header,pre"$_<form>",submit,textarea t,$t,9,70
```

1 2 4 3 5 6 7 8

-- Casey West

see this run

Wiki Design Prinicples

Open, Incremental, Organic,
Mundane, Universal, Overt,
Unified, Precise, Tolerant,
Observable, Convergent.

Open Principle

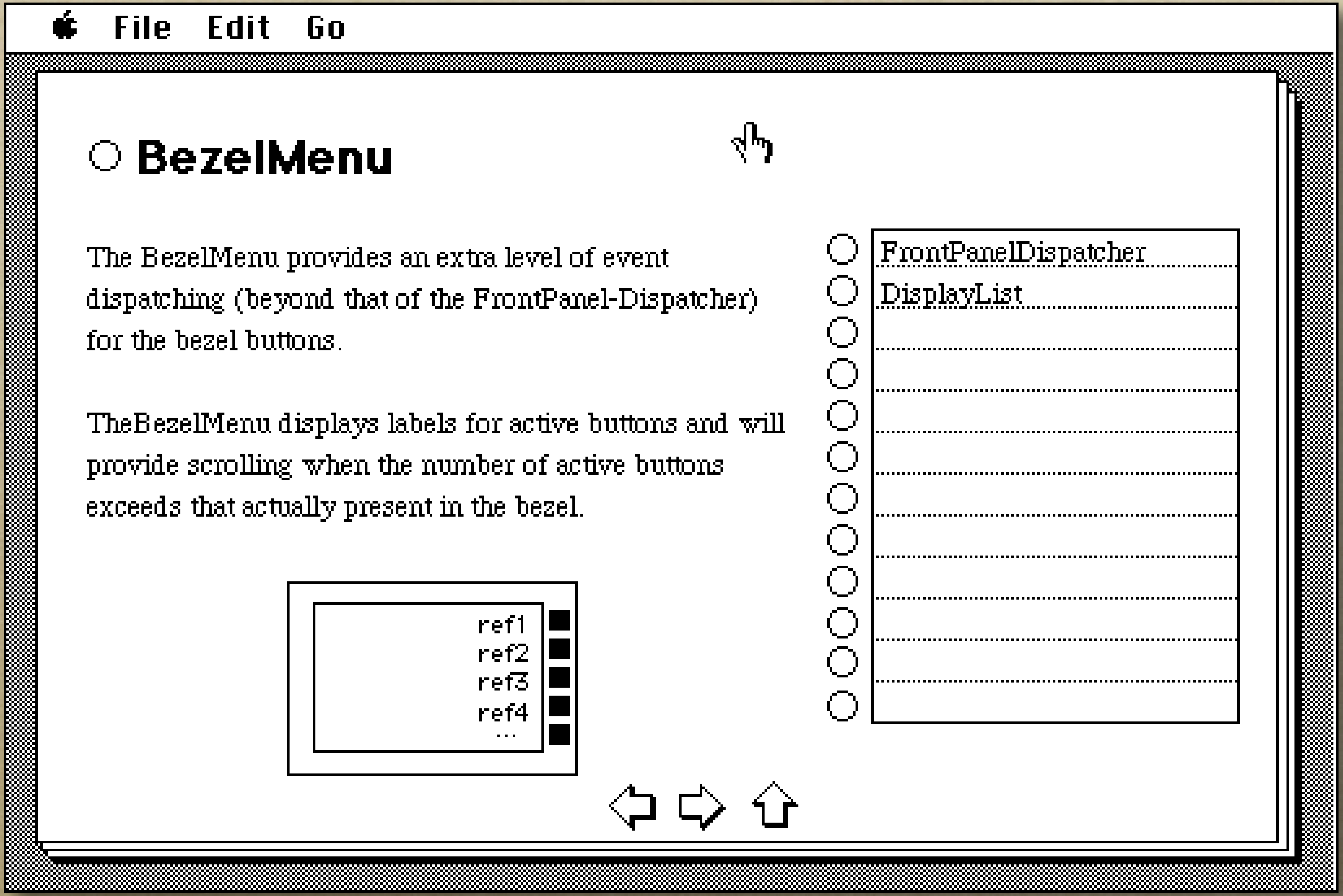
Should a page be found to be incomplete or poorly organized, any reader can edit it as they see fit.

(also permeable)

Incremental Principle

It must be both possible and useful
to cite unwritten pages.

(incomplete)

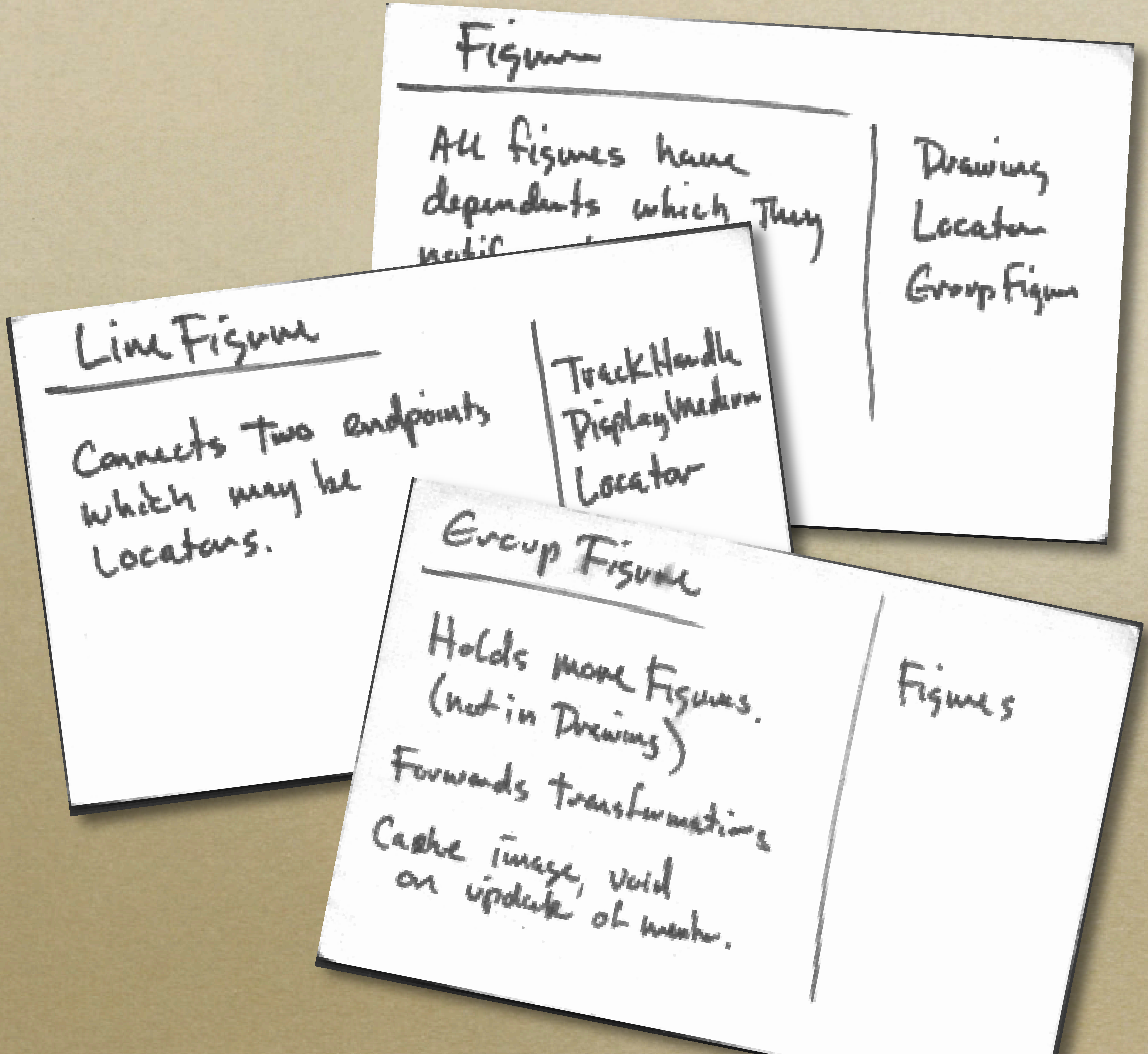


○ BezelMenu

The BezelMenu provides an extra level of event dispatching (beyond that of the FrontPanel-Dispatcher) for the bezel buttons.

TheBezelMenu displays labels for active buttons and will provide scrolling when the number of active buttons exceeds that actually present in the bezel.

○ FrontPanelDispatcher
○ DisplayList



Figure

All figures have dependents which they notif

Drawing
Locator
GroupFigure

LineFigure

Connects two endpoints which may be Locators.

TrackHandle
DisplayMedium
Locator

GroupFigure

Holds more Figures. (not in Drawing)

Forwards transformations

Cache image, void on update of member.

Figures

Organic Principle

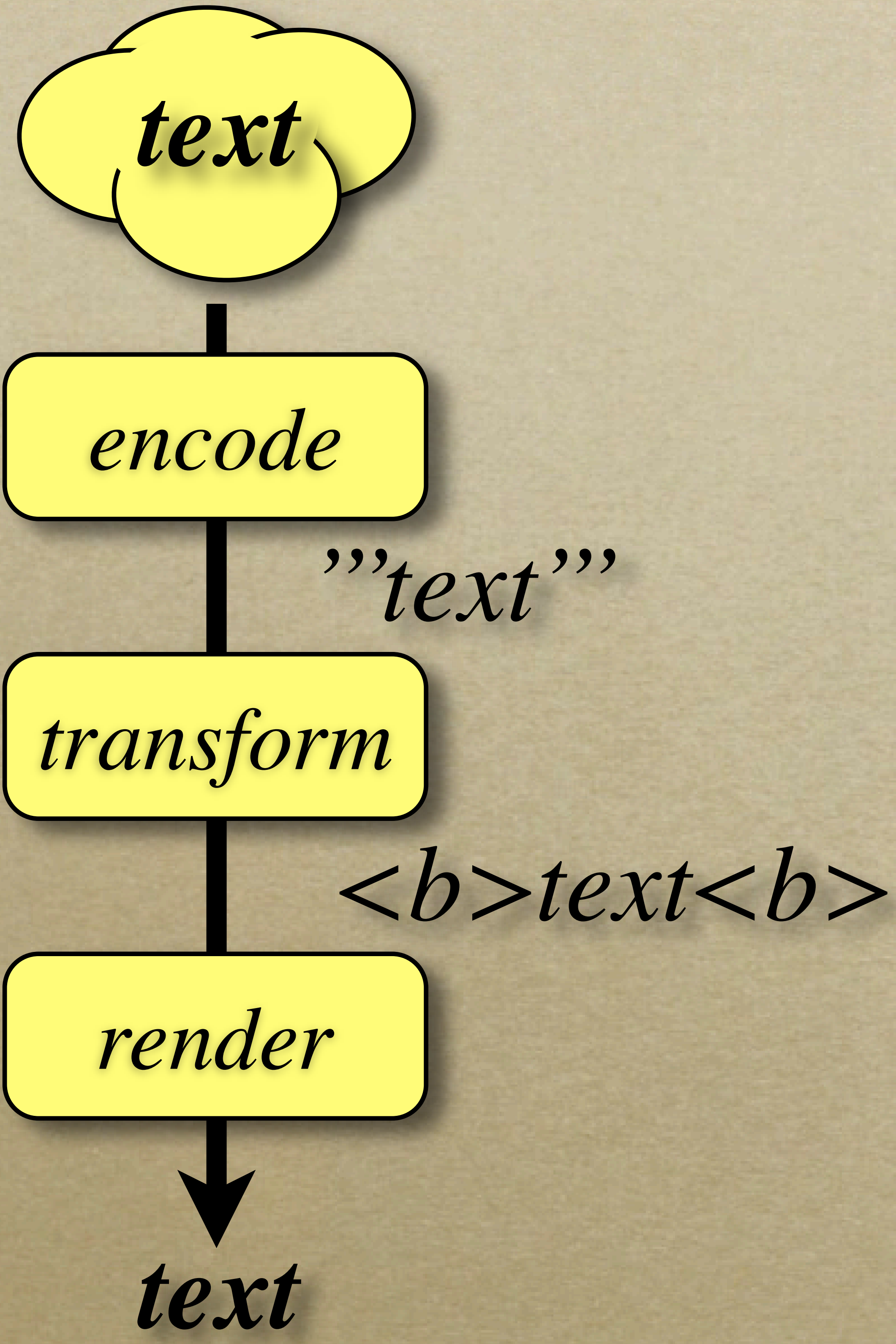
The structure of the site is expected to grow and evolve with the community that uses it.

(co-evolution)

Mundane Principle

A small number of conventions provide all necessary formatting.

(undistracted)



text

encode

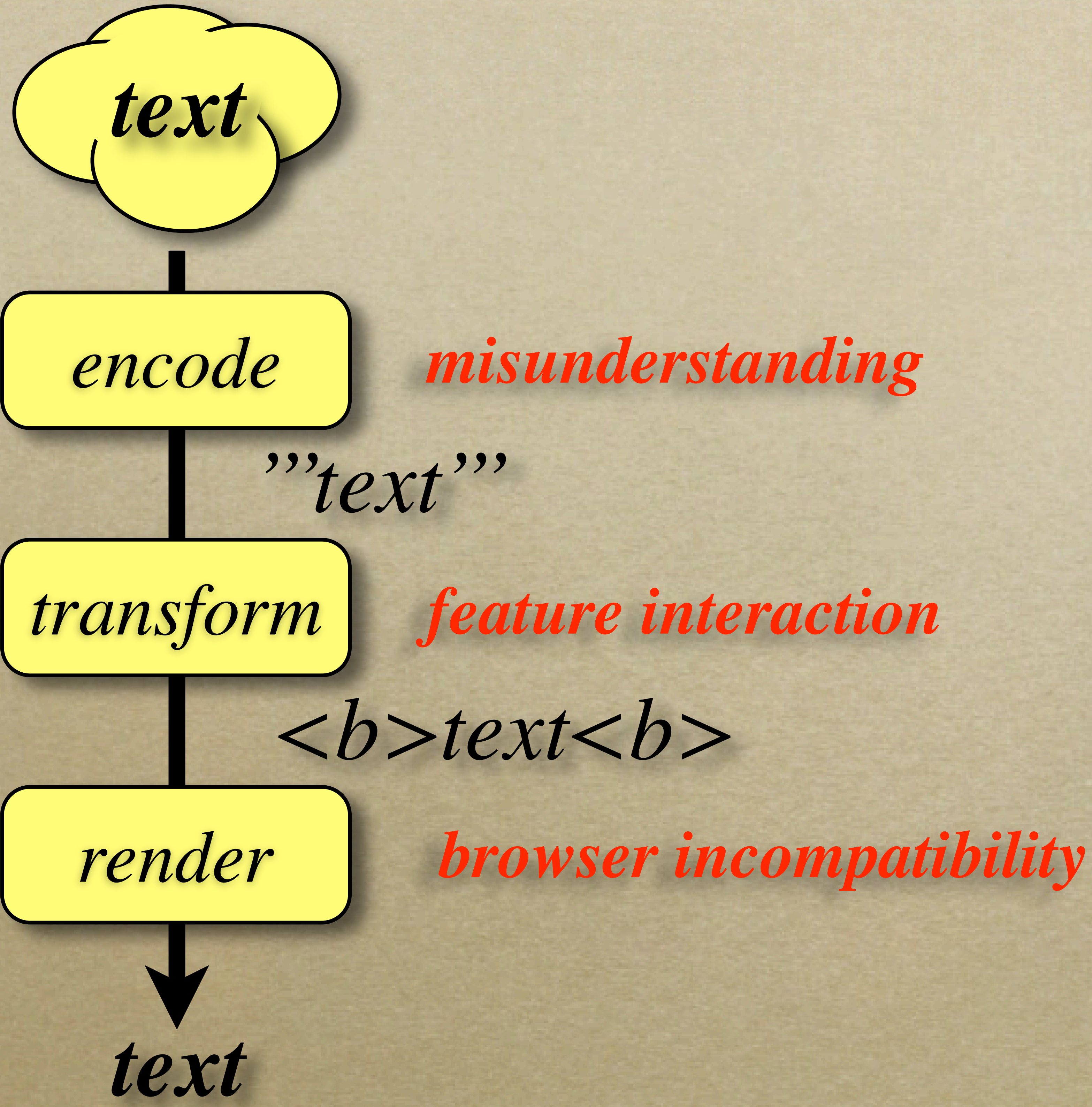
’’’text’’’

transform

<b>text<b>

render

text



text

encode

misunderstanding

’’’text’’’

transform

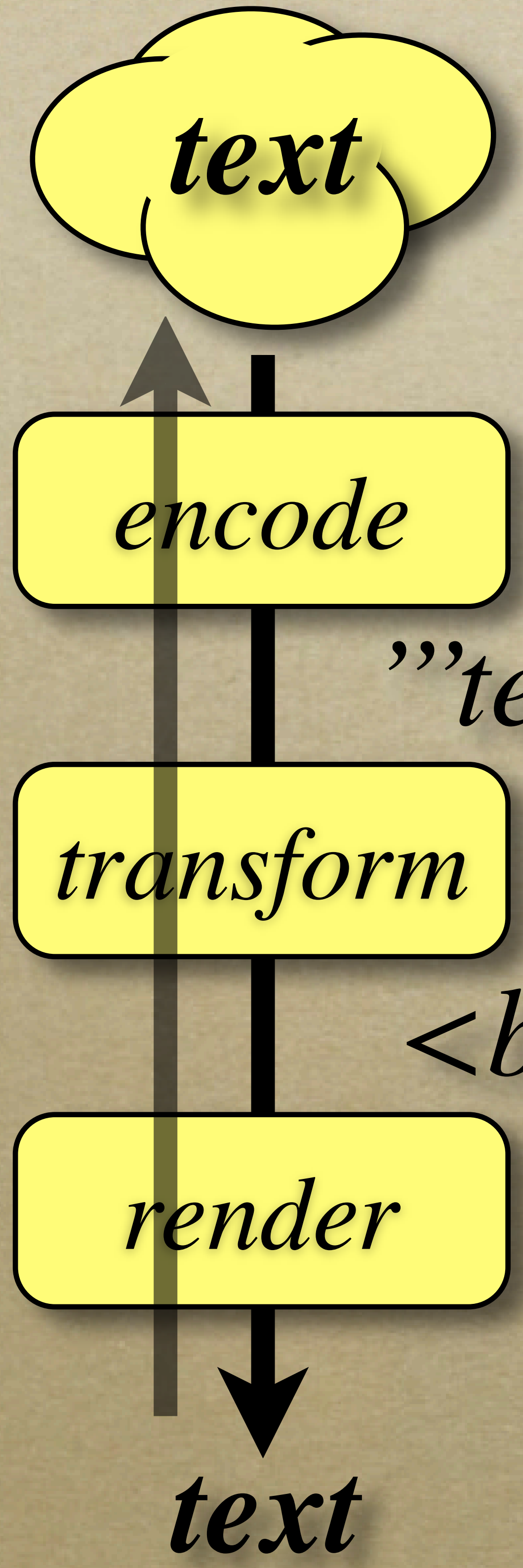
feature interaction

<b>text<b>

render

browser incompatibility

text



text
encode
transform
render
text

’’’text’’’

<b>text<b>

misunderstanding

feature interaction

browser incompatibility

feedback makes whole process robust

Universal Principle

The mechanisms of editing and organizing are the same as those of writing so that any writer is automatically and editor and organizer.

Overt Principle

The formatted and printed output will suggest the input required to reproduce it.

(concrete)

Unified Principle

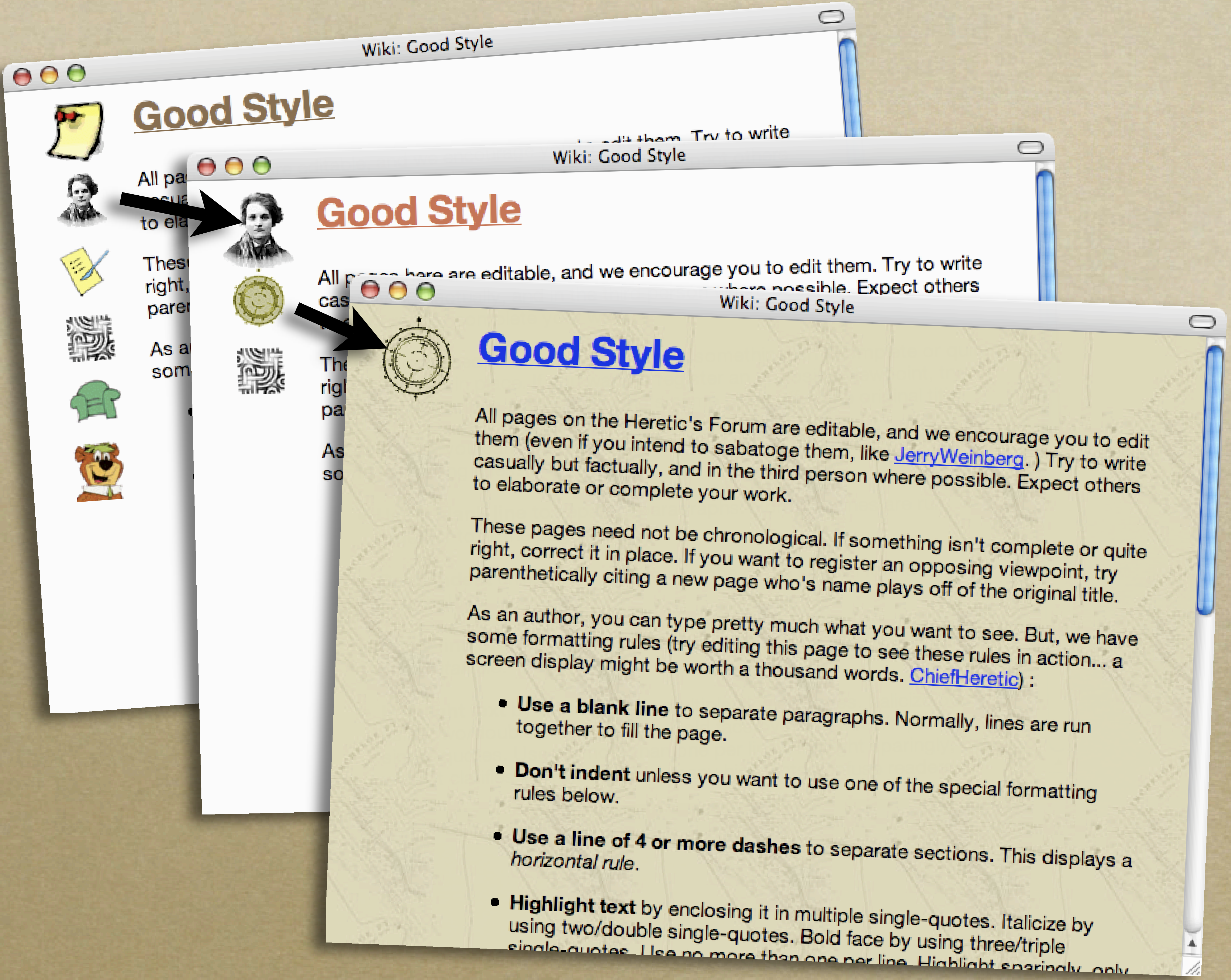
Page names will be drawn from a flat space so that no additional context is required to interpret them.

(vocabulary)

Precise Principle

Pages will be titled with sufficient precision to avoid most name clashes, typically by forming noun phrases.

(happy accidents)


Wiki: Good Style
Good Style
Wiki: Good Style
Good Style
All pages here are editable, and we encourage you to edit them. Try to write
Wiki: Good Style

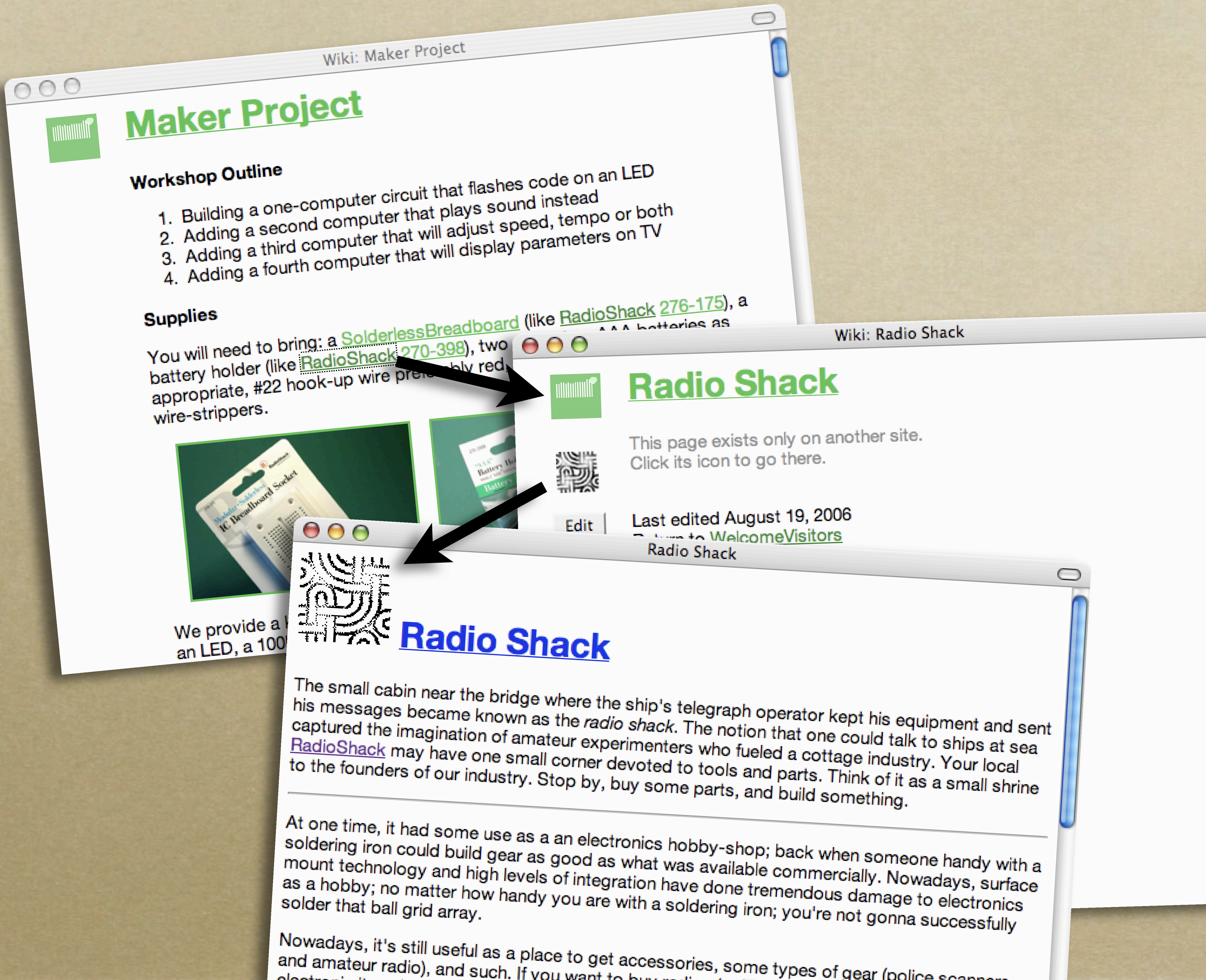
Good Style

All pages on the Heretic's Forum are editable, and we encourage you to edit them (even if you intend to sabatoge them, like JerryWeinberg.) Try to write casually but factually, and in the third person where possible. Expect others to elaborate or complete your work.

These pages need not be chronological. If something isn't complete or quite right, correct it in place. If you want to register an opposing viewpoint, try parenthetically citing a new page who's name plays off of the original title.

As an author, you can type pretty much what you want to see. But, we have some formatting rules (try editing this page to see these rules in action... a screen display might be worth a thousand words. ChiefHeretic) :

- **Use a blank line** to separate paragraphs. Normally, lines are run together to fill the page.
- **Don't indent** unless you want to use one of the special formatting rules below.
- **Use a line of 4 or more dashes** to separate sections. This displays a *horizontal rule*.
- **Highlight text** by enclosing it in multiple single-quotes. Italicize by using two/double single-quotes. Bold face by using three/triple single-quotes. Use no more than one per line. Highlight sparingly, only



Maker Project

Workshop Outline

1. Building a one-computer circuit that flashes code on an LED
2. Adding a second computer that plays sound instead
3. Adding a third computer that will adjust speed, tempo or both
4. Adding a fourth computer that will display parameters on TV

Supplies

You will need to bring: a SolderlessBreadboard (like RadioShack 276-175), a
battery holder (like RadioShack 270-398), two
appropriate, #22 hook-up wire pre
wire-strippers.

We provide a
an LED, a 100

Radio Shack

This page exists only on another site.
Click its icon to go there.

Last edited August 19, 2006
Return to WelcomeVisitors

Radio Shack

The small cabin near the bridge where the ship's telegraph operator kept his equipment and sent his messages became known as the *radio shack*. The notion that one could talk to ships at sea captured the imagination of amateur experimenters who fueled a cottage industry. Your local RadioShack may have one small corner devoted to tools and parts. Think of it as a small shrine to the founders of our industry. Stop by, buy some parts, and build something.

At one time, it had some use as a an electronics hobby-shop; back when someone handy with a soldering iron could build gear as good as what was available commercially. Nowadays, surface mount technology and high levels of integration have done tremendous damage to electronics as a hobby; no matter how handy you are with a soldering iron; you're not gonna successfully solder that ball grid array.

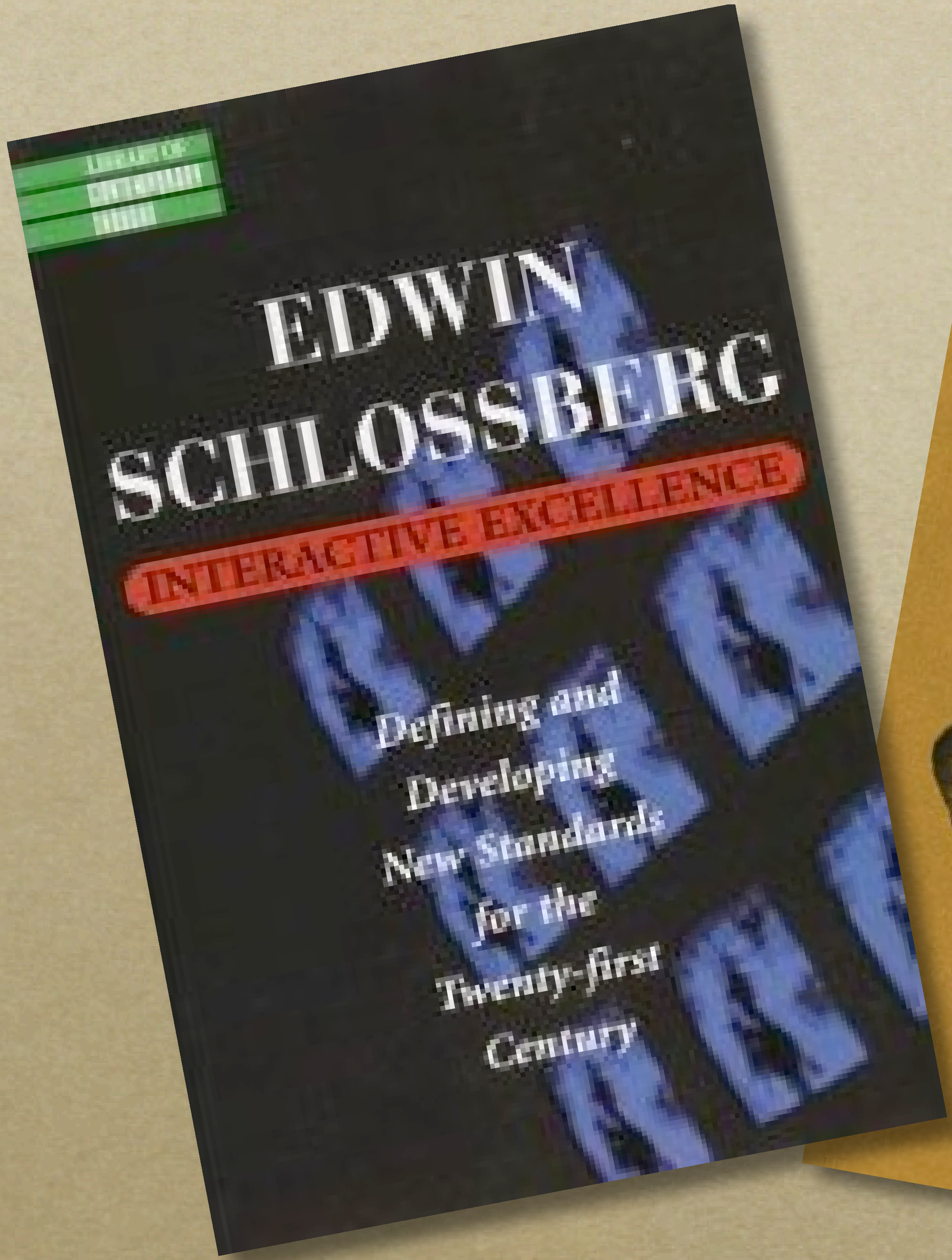
Nowadays, it's still useful as a place to get accessories, some types of gear (police scanners and amateur radio), and such. If you want to buy radio

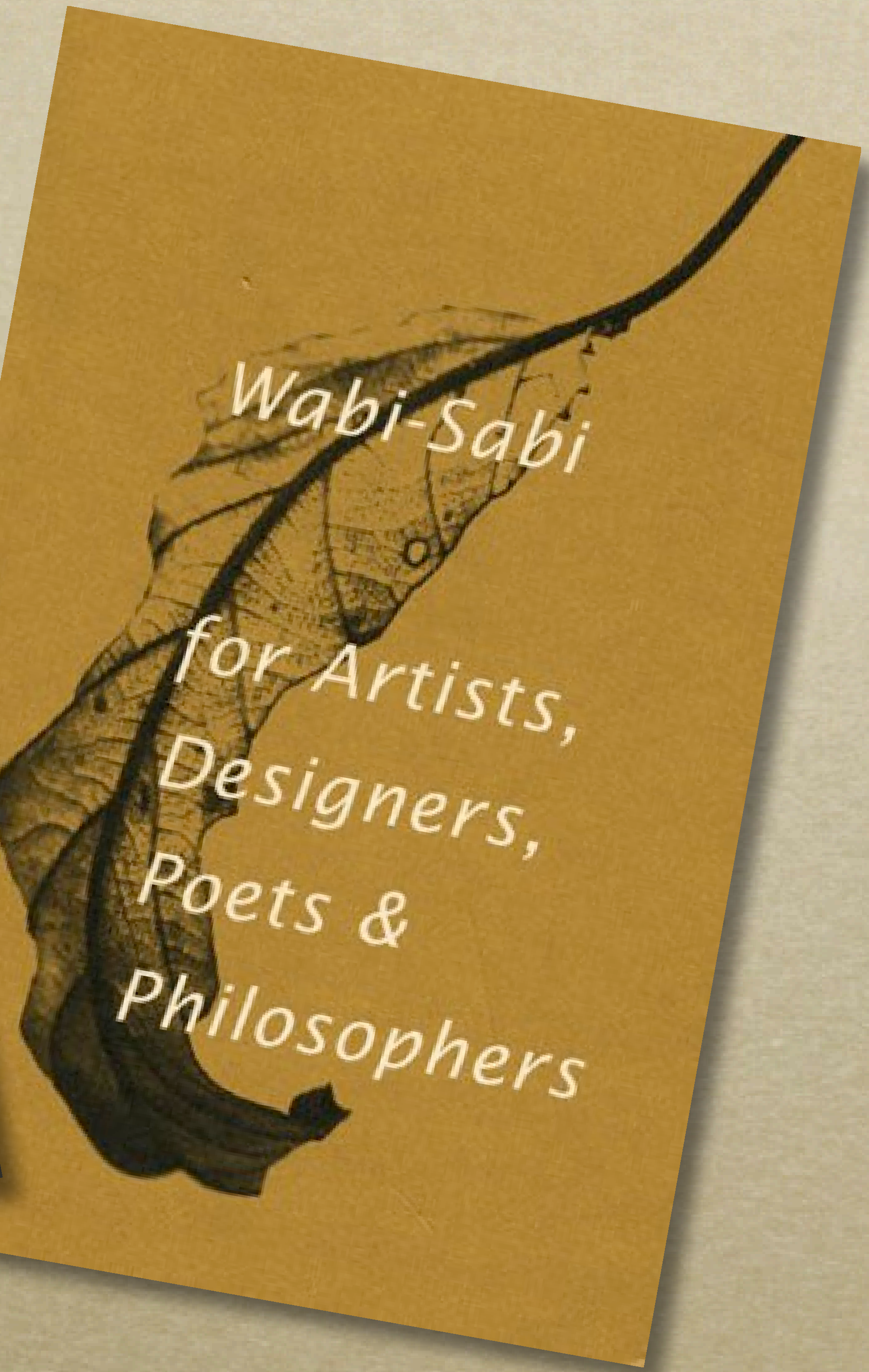
Tolerant Principle

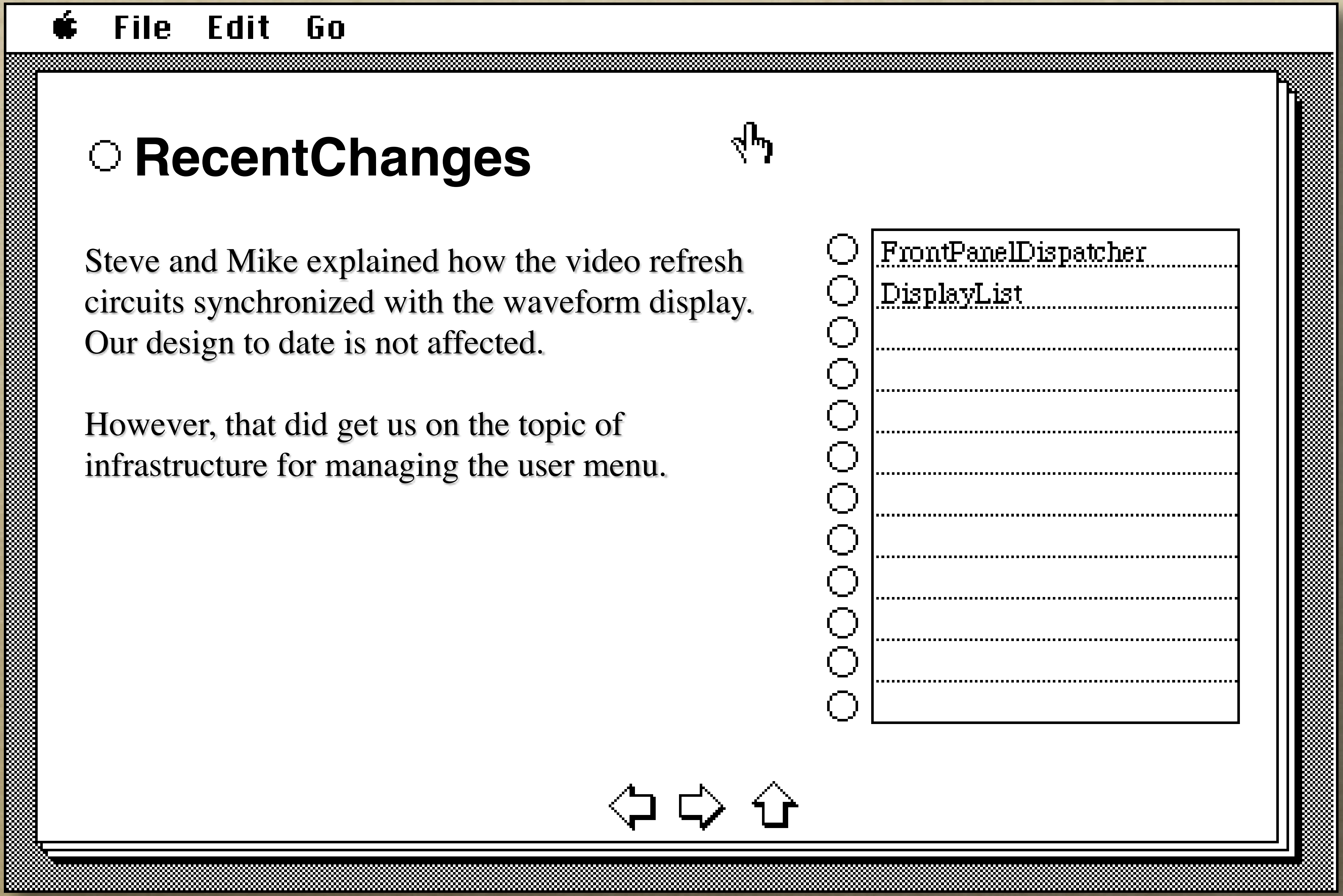
All input will produce output even when the output is not likely to be that desired.

Observable Principle

Activity within the site can be watched and reviewed by any other visitor.


EDWIN
SCHLOSSBERG
INTERACTIVE EXCELLENCE
Defining and
Developing
New Standards
for the
Twenty-first
Century


Wabi-Sabi
for Artists,
Designers,
Poets &
Philosophers



○ **RecentChanges**

Steve and Mike explained how the video refresh circuits synchronized with the waveform display. Our design to date is not affected.

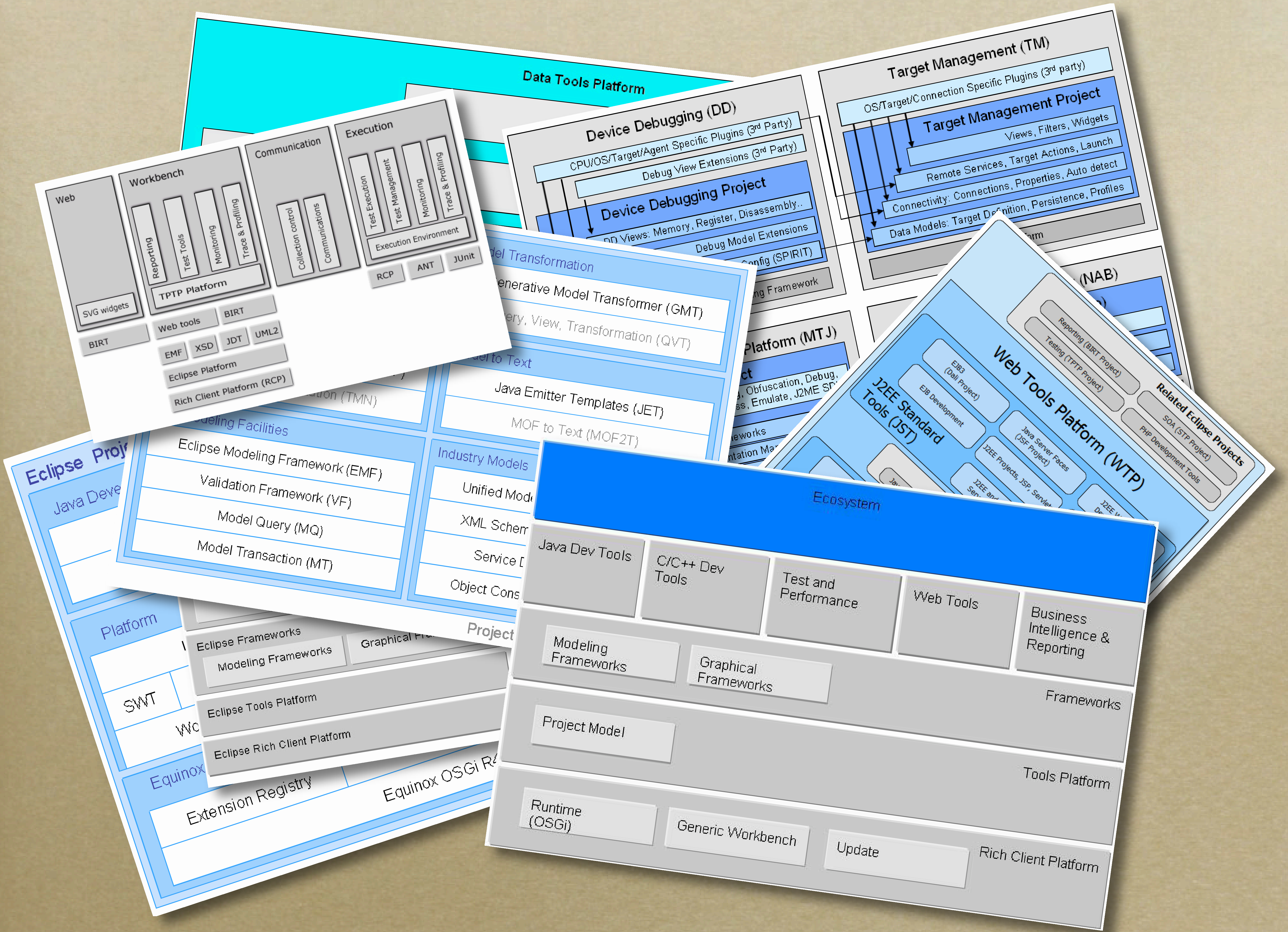
However, that did get us on the topic of infrastructure for managing the user menu.

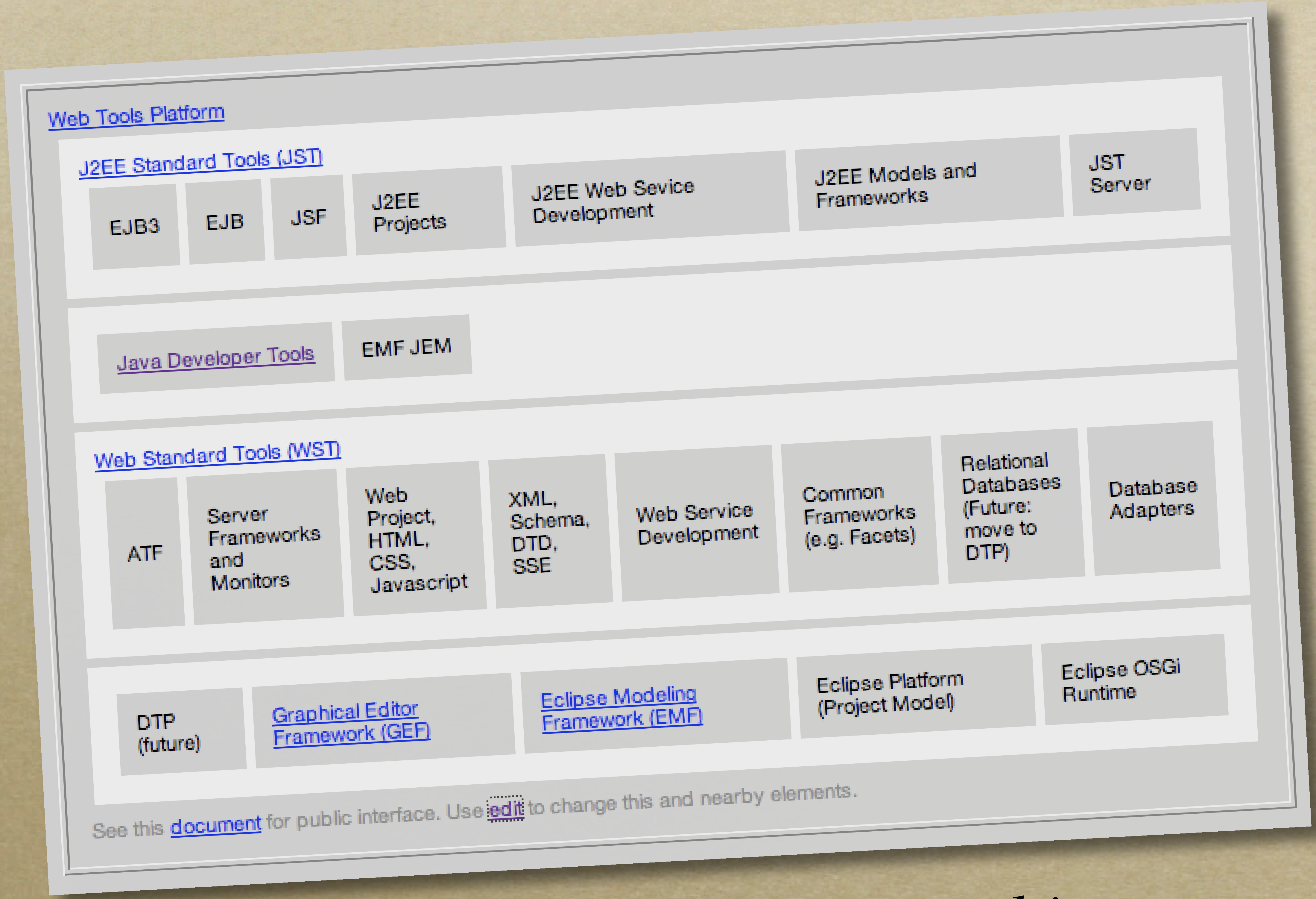
○ FrontPanelDispatcher
○ DisplayList

change sorting

Convergent Principle

Ambiguity and duplication can be removed by finding and citing similar or related content.


Data Tools Platform
Web
SVG widgets
BIRT
Workbench
Reporting
Test Tools
Monitoring
Trace & Profiling
TPTP Platform
Web tools
BIRT
EMF
XSD
JDT
UML2
Eclipse Platform
Rich Client Platform (RCP)
Communication
Collection control
Communications
Execution
Test Execution
Test Management
Monitoring
Trace & Profiling
Execution Environment
RCP
ANT
JUnit
Device Debugging (DD)
CPU/OS/Target/Agent Specific Plugins (3rd Party)
Debug View Extensions (3rd Party)
Device Debugging Project
DD Views: Memory, Register, Disassembly..
Debug Model Extensions
Config (SPIRIT)
Target Management (TM)
OS/Target/Connection Specific Plugins (3rd party)
Target Management Project
Views, Filters, Widgets
Remote Services, Target Actions, Launch
Connectivity: Connections, Properties, Auto detect
Data Models: Target Definition, Persistence, Profiles
Platform (MTJ)
Obfuscation, Debug, Emulate, J2ME SD
(NAB)
Model Transformation
Generative Model Transformer (GMT)
Query, View, Transformation (QVT)
Model to Text
Java Emitter Templates (JET)
MOF to Text (MOF2T)
(TMN)
Modeling Facilities
Eclipse Modeling Framework (EMF)
Validation Framework (VF)
Model Query (MQ)
Model Transaction (MT)
Industry Models
Unified Mode
XML Schem
Service D
Object Cons
Project
Web Tools Platform (WTP)
J2EE Standard Tools (JST)
EJB3 (Dali Project)
EJB Development
Java Server Faces (JSF Project)
J2EE Projects, JSP, Servlet
Related Eclipse Projects
Reporting (BIRT Project)
Testing (TPTP Project)
SOA (STP Project)
PHP Development Tools
Eclipse Proj
Java Deve
Platform
SWT
Equinox
Extension Registry
Equinox OSGi R4
Eclipse Frameworks
Modeling Frameworks
Graphical Fra
Eclipse Tools Platform
Eclipse Rich Client Platform
Ecosystem
Java Dev Tools
C/C++ Dev Tools
Test and Performance
Web Tools
Business Intelligence & Reporting
Modeling Frameworks
Graphical Frameworks
Frameworks
Project Model
Tools Platform
Runtime (OSGi)
Generic Workbench
Update
Rich Client Platform



Web Tools Platform

J2EE Standard Tools (JST)

- EJB3
- EJB
- JSF
- J2EE Projects
- J2EE Web Sevice Development
- J2EE Models and Frameworks
- JST Server

- Java Developer Tools
- EMF JEM

Web Standard Tools (WST)

- ATF
- Server Frameworks and Monitors
- Web Project, HTML, CSS, Javascript
- XML, Schema, DTD, SSE
- Web Service Development
- Common Frameworks (e.g. Facets)
- Relational Databases (Future: move to DTP)
- Database Adapters

- DTP (future)
- Graphical Editor Framework (GEF)
- Eclipse Modeling Framework (EMF)
- Eclipse Platform (Project Model)
- Eclipse OSGi Runtime

See this document for public interface. Use edit to change this and nearby elements.

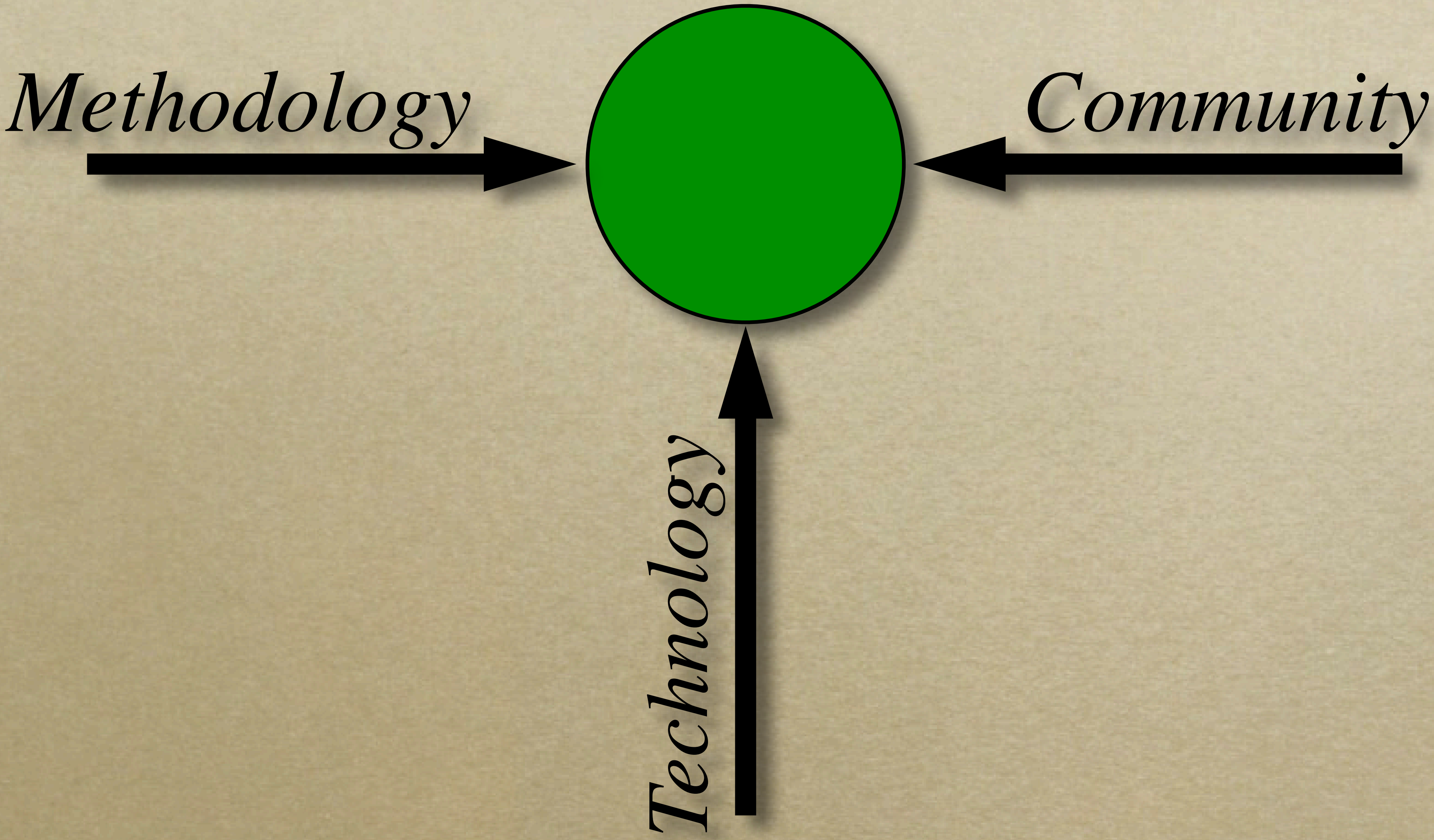
see this run

Wiki Design Prinicples

Open, Incremental, Organic,
Mundane, Universal, Overt,
Unified, Precise, Tolerant,
Observable, Convergent.

Wiki Nature

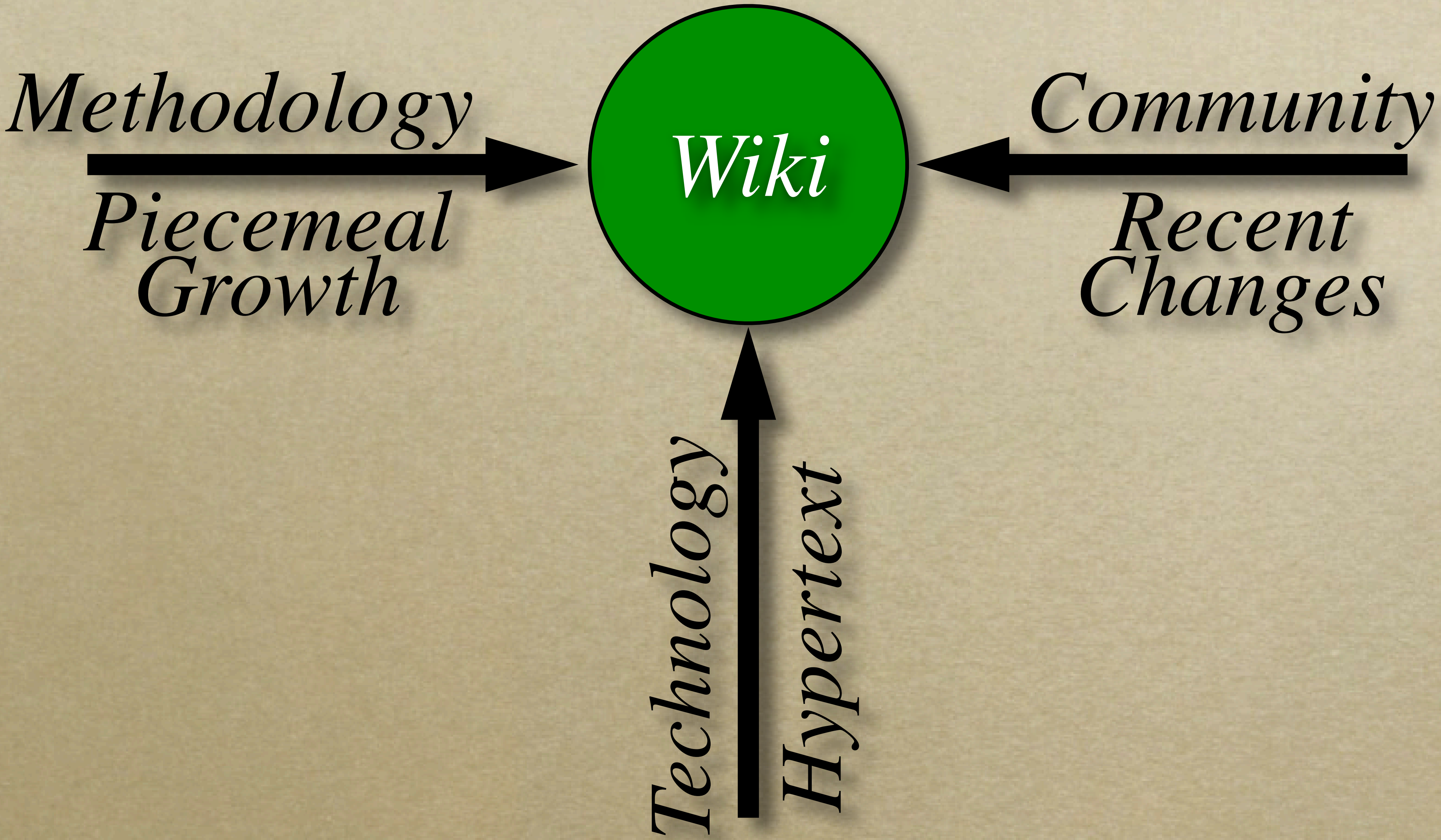
wiki as a meme vector



Methodology

Community

Technology



Methodology

Piecemeal Growth

Wiki

Community

Recent Changes

Technology

Hypertext

How can so little do so much?

Sweet spot of new technology
Assemble, guide and transform community
Leave room for other’s innovation