

2011

AALL

Annual Meeting & Conference


★ July 23-26

Philadelphia★

Why Should I Care? Using and Teaching New Technologies

Nicole C. Engard

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Libraries*, and *The Accidental Systems Librarian 2d*

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Today, technology is a powerful driver of change in libraries, and it will stay that way for the rest of your career.

<http://www.libraryman.com/blog/101rtk/>

It's all Technology

- Books were once a new technology - feared and shunned
- The printing press was once thought to be a horrible machine
- The home computer was thought to never be a necessity

Today's Types of Technology

- Web Technology
 - Web 2.0, Social Networks, Blogging, Wikis
- Open Source Technology
 - Web-based, Desktop-based
- Software
 - For Windows, Mac, Linux

Web Technology

- Accessed completely on the web
- Available from any web enabled device
- Often data is stored in 'the cloud'
- Relies on other people's servers
- Widely talked about, promoted and touted

Open Source Technology

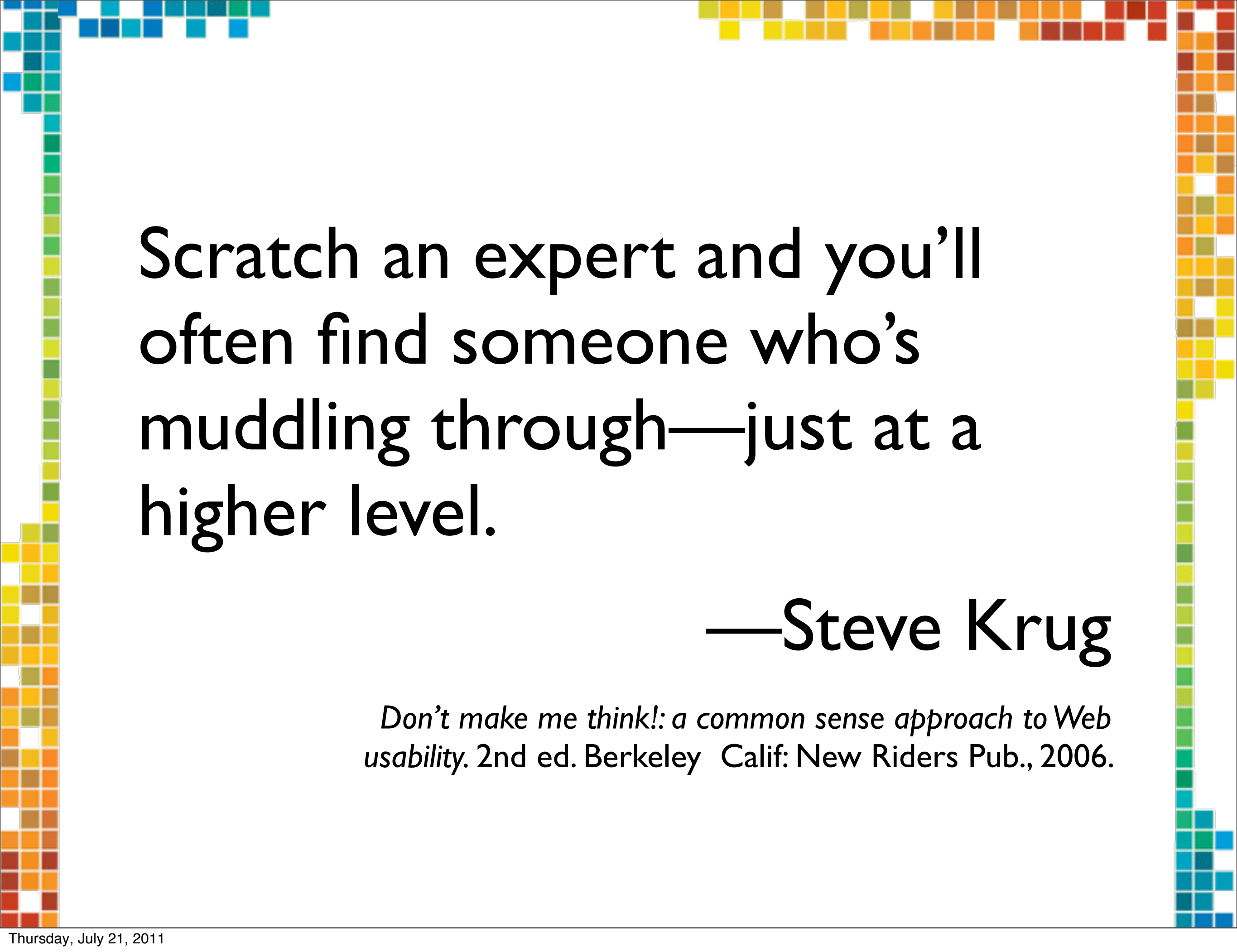
- Often overlooked
- Proven as secure (if not more) than proprietary alternatives
- Offers a whole new world of freedom
- Ability to provide more services at no extra cost
- Developed in the open using peer review

Desktop Technology

- Less talked about
- Installs on your computer and runs locally
- Does not depend on the web, web servers or Internet connections
- Still common and necessary for many tasks

Finding Technology

- Colleagues
- Social Networks
- Favorite Websites
- Journals

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Scratch an expert and you'll
often find someone who's
muddling through—just at a
higher level.

—Steve Krug

Don't make me think!: a common sense approach to Web usability. 2nd ed. Berkeley Calif: New Riders Pub., 2006.

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Must Know About Web Technologies

Facebook

- A tool for:
 - Social Networking
 - Library Promotion
 - Research/Information Gathering
- Should you check Facebook at work?



<http://facebook.com>

Google+

- A tool for:
 - Social Networking
 - Library Promotion
 - Research/Information Gathering



LinkedIn

- A tool for:
 - Social Networking
 - Professional Networking
 - Library Promotion
 - Research/Information Gathering



<http://linkedin.com>

YouTube

- A tool for:
 - Library Promotion
 - Learning/Teaching
 - Research/Information Gathering



<http://youtube.com>

Twitter

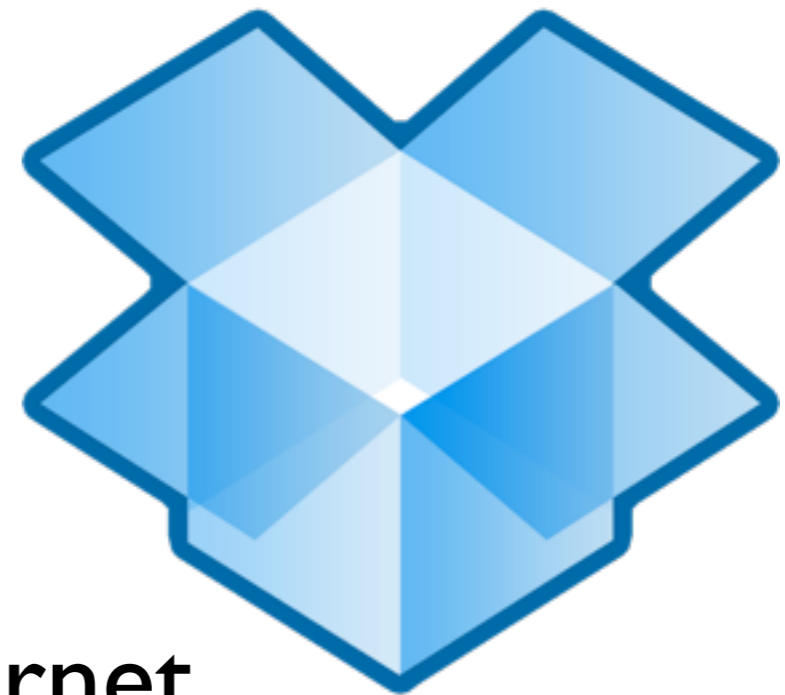


- A tool for:
 - Social Networking
 - Library Promotion
 - Research/Information Gathering

<http://twitter.com>

Dropbox

- A tool for:
 - Storing files in the cloud
 - Sharing files across the Internet
 - Working remotely or with remote partners



<http://dropbox.com>

Google Voice

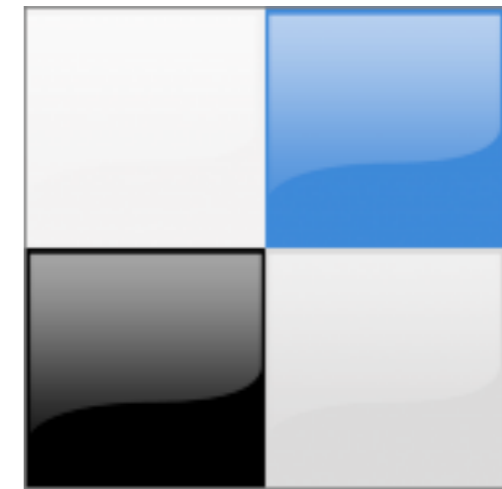
- A tool for:
 - Communication
 - Text Messaging
 - Voice Mail
 - Voice over IP



<http://voice.google.com>

Delicious

- A tool for:
 - Resource Sharing
 - Research/Information Gathering
 - Collaboration



<http://delicious.com>

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Must Know About Open Technologies

Firefox

- Use for:
 - Web Browsing
 - Resource Gathering
 - Web Development



<http://firefox.com>

Zotero

- Use for:
 - Creating Bibliographies
 - Research
 - Resource Gathering



<http://zotero.org>

Chrome

- Use for:
 - Web Browsing
 - Resource Gathering
 - Web Development



<http://chrome.google.com>

LimeSurvey

- Use for:
 - Statistics
 - Information Gathering
 - Surveys/Questionnaires



<http://limesurvey.org>

Scribus

- Use for:
 - Newsletter Creation
 - Signage
 - Desktop Publishing



<http://scribus.net>

BigBlueButton

- Use for:
 - Web-based Meetings
 - Voice Over IP
 - Webinars/Conferencing



<http://bigbluebutton.org>

Wordpress

- Use for:
 - Content Management
 - Blogging
 - Content Creation



<http://wordpress.org>

Koha ILS

- Use for:
 - Library Management
 - Public Catalog
 - Data Tracking



<http://koha-community.org>

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Must Know About Desktop Technologies

Jing

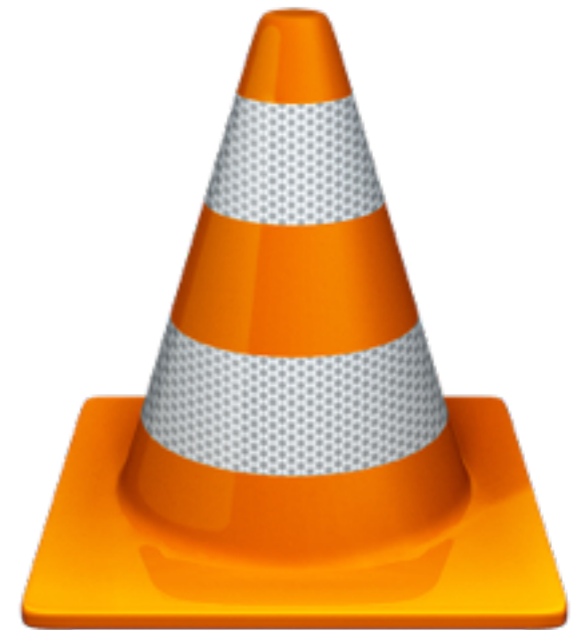
- Use to:
 - Record Screen Actions
 - Create Tutorial Videos
 - Answer Reference Questions



<http://techsmith.com/jing/>

VLC

- Use to:
 - Play Videos
 - Play Audio
 - Play DVDs from all Regions



<http://videolan.org>

HootSuite



- Use to:
 - Update Multiple Networks
 - Aggregate Content
 - Keep Track of Multiple Networks

<http://hootsuite.com>

Thunderbird



- Use to:
 - Read/Write/Send Emails
 - Access Calendars
 - Gather Email from all Addresses

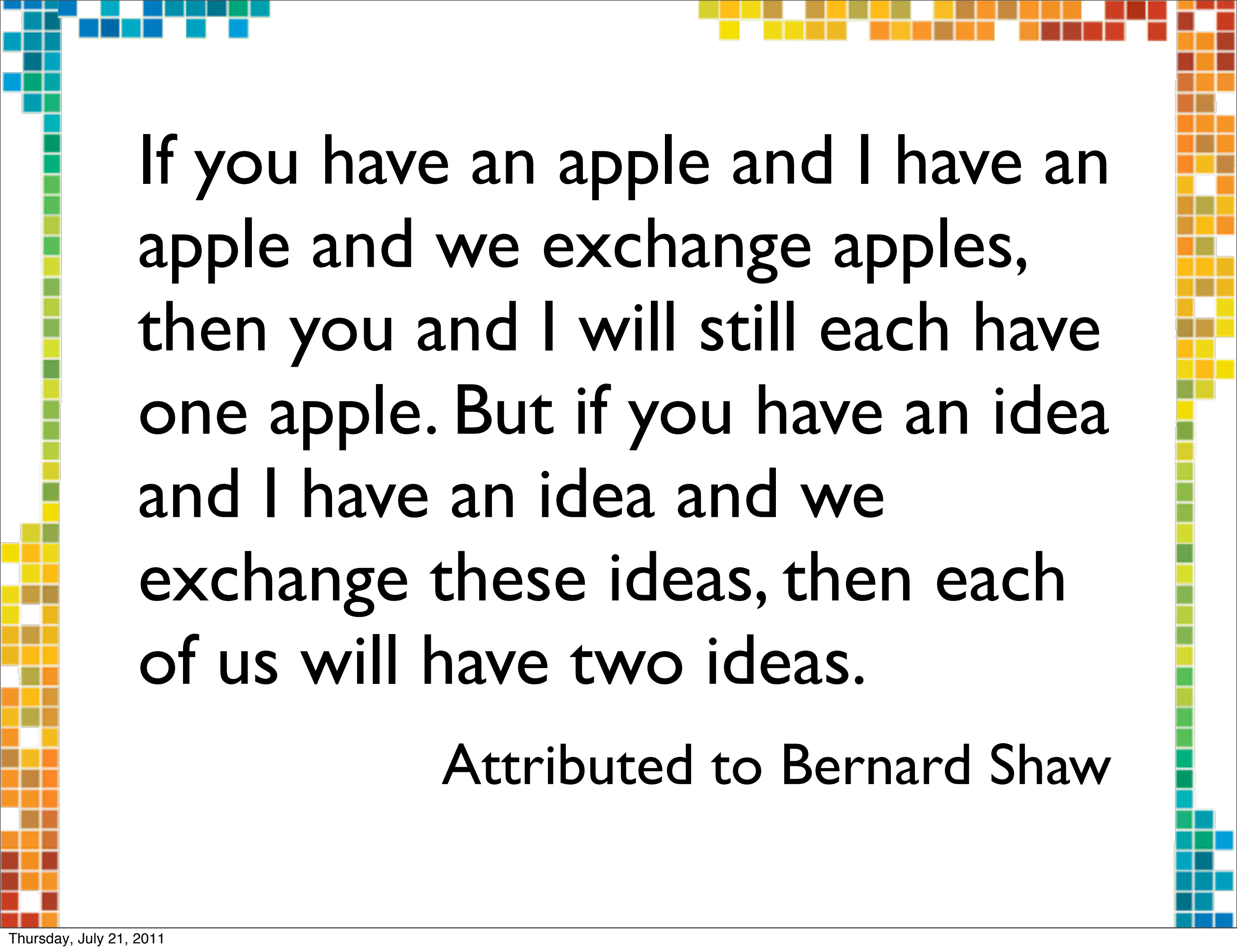
<http://mozilla.org/thunderbird>

Gimp

- Use to:
 - Create Photos
 - Edit Photos
 - Create Unique Images



<http://gimp.org>

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If you have an apple and I have an apple and we exchange apples, then you and I will still each have one apple. But if you have an idea and I have an idea and we exchange these ideas, then each of us will have two ideas.

Attributed to Bernard Shaw

Teaching Technology

- Be enthusiastic
- Teach to the student
- Don't force the issue
- Give time for self exploration
- Give time for continued learning

Be Enthusiastic

- Use the technology
- Know the technology
- Focus on the good
- Show examples of exciting uses

Teach to the Student

- Know your audience
- Watch reactions
- Don't rely on the outline
- Allow for hands-on time

Don't Force the Issue

- Show how to use the tool
- Show how the tool is used
- Give examples specific to the audience
- Let the student decide if it will work

Self Exploration

- Allow students hands-on time
- Allow students time away from the instructor
- Give students examples for usage in their setting and give them time to experiment

Continued Learning

- Encourage continued learning
- Introduce students to related websites, blogs, journals, etc
- Reward learning (23 things)

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Always Keep Learning

—Nicole C. Engard

Websites

- [Mashable.com](#)
- [Lifehacker.com](#)
- [TechCrunch.com](#)
- [TechSoupForLibraries.org](#)

Guides

- Mashable Guidebooks
 - <http://mashable.com/guidebook/>
- Make Use Of Guides
 - <http://www.makeuseof.com/pages/>

In Print

- Library Technology Reports
 - <http://www.alatechsource.org/ltr/index>
- Information Today
 - <http://infotoday.com>
- LITA Guides
 - <http://www.neal-schuman.com/books/series/library-information-and-technology-association-lita-guides>

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Thank You

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Slides: <http://web2learning.net> >

Publications & Presentations