

# Shrink Wrap and Shrinking Budgets:

A look at Open and Freeware Software  
Alternatives

# About Mark

- 26 years teaching
- Main Instigator
-

# Preliminary

- del.icio.us - add to the list!
- mhines@midpac.edu
- mhines.edublogs.org

The screenshot shows a Delicious bookmarks page for the user 'open\_free4ed'. The page has a navigation bar with 'Home', 'Bookmarks', 'People', and 'Tags'. Below the navigation bar, the user's profile 'open\_free4ed's Bookmarks' is displayed, including links for 'Bookmarks', 'Network', 'Tags', 'Subscriptions', and 'Inbox'. A search bar is present with the text 'Type a tag'. The page is sorted by 'Most Recent' and shows a list of bookmarks. The first bookmark is dated '23 MAR 09' and is titled 'GeoGebra'. The description for GeoGebra reads: 'GeoGebra is dynamic mathematics software for all levels of education that joins arithmetic, geometry, algebra and calculus. On the one hand, GeoGebra is an interactive geometry system. You can do constructions with points, vectors, segments, lines, conic sections as well as functions and change them dynamically afterwards. On the other hand, equations and coordinates can be entered directly. Thus, GeoGebra has the ability to deal with variables for numbers, vectors and points, finds derivatives and integrals of functions and offers commands like Root or Extremum. These two views are characteristic of GeoGebra: an expression in the algebra view corresponds to an object in the graphics view and vice versa.' The bookmark has tags: 'open4ed', 'freeware', 'geometry', 'math', 'software', and 'hvl09'. The second bookmark is titled 'K-12 Open Source Community - Free and Open Source Software in K - 12 Education' by Steve Hargadon, with tags: 'hvl09', 'open4ed', 'opensource', 'software', 'web2.0', 'ning', and 'edtech'. The third bookmark is titled 'open\_free4ed's Bookmarks on Delicious' with tags: 'open4ed', 'opensource', and 'hvl09'. The fourth bookmark is titled 'open source software education - Google Search' with tags: 'open4ed', 'hvl09', 'opensource', 'foss', 'open', and 'software'. The fifth bookmark is titled 'Education Software for Schools: Free Software, Open Source | School Forge' with the tag 'open4ed'.

# Goals

- *A review of Open and Freeware*
- *Client Based Software*
- *Cloud Software*

# Free Vs Open

- When we call software "free," we mean that it respects the users' essential freedoms: the freedom to run it, to study and change it, and to redistribute copies with or without changes. This is a matter of freedom, not price, so think of "free speech," not "free beer." -- Stallman

# Client Based: Writing/Planning, Office Apps

AbiWord



Open Office/  
NeoOffice



FreeMind



# Client Based: Writing/Planning, Office Apps

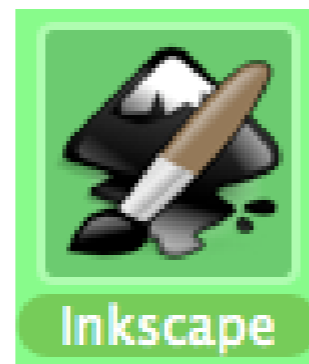
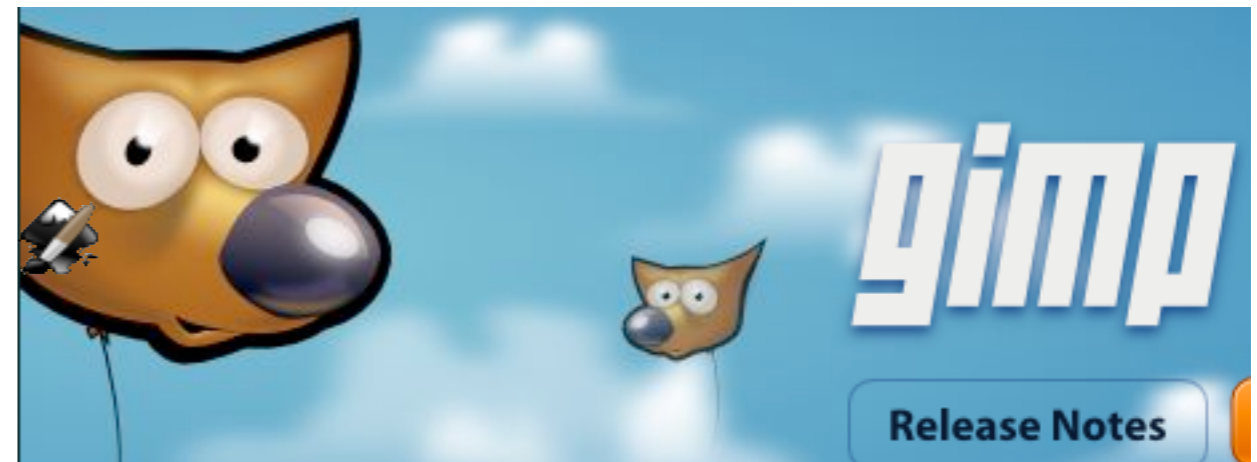
Adium



IHMC CmapTools

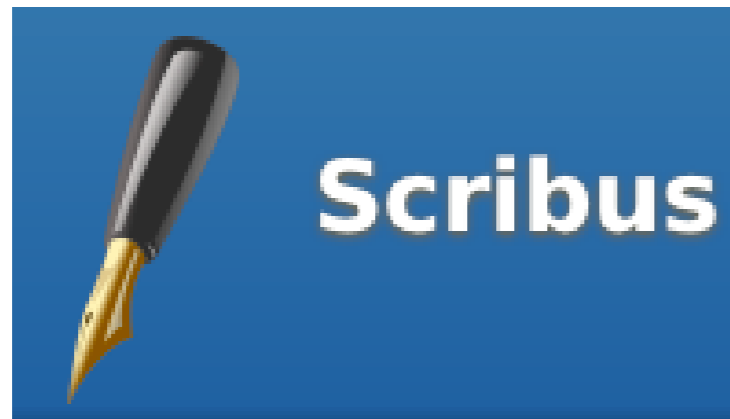


# Media





# Media



# Media



## Paintbrush

The Bitmap Image Editor for Mac OS X



# Mapping/Visualization



Quantum GIS



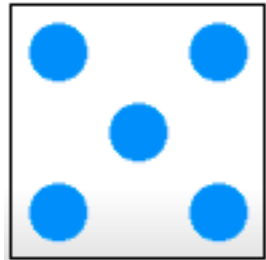
The screenshot shows the ESRI GIS Education Community website. At the top left is the ESRI logo, a globe with a grid. To its right is the text "ESRI GIS Education Community". Below this is a navigation bar with buttons for "Home", "Community", "Software", "Data", "Instructional Materials", "Research", and "Support". The "Software" button is highlighted. Below the navigation bar is a section titled "Software". Under this section, there is a "What's new" button and a main announcement for "ArcExplorer Java Edition for Education (AEJEE)" in orange text. Below the announcement are two links: "Download" and "Blog".



# Media Players/Converters

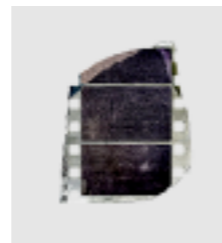


# Media Players/Converters



**SQUARED 5**

*MPEG STREAMCLIP FOR MAC AND WINDOWS  
and more....*



Visual Hub

# Utilities



**CamStudio**<sup>TM</sup>  
OPEN SOURCE



PDFCreator

# Utilities



**Hot Potatoes™**  
From Half-Baked Software Inc



**Cyberduck**

FTP, SFTP, WebDAV, Cloud Files & Amazon S3 Browser for Mac OS X.

[about](#) [changes](#) [FAQ](#)

# Math/Science



T, U, X, M, A, T, H, S, C, R, A, B, B, L, E

Tux: 303  
Yox: 319  
Level: 4  
Help: F9

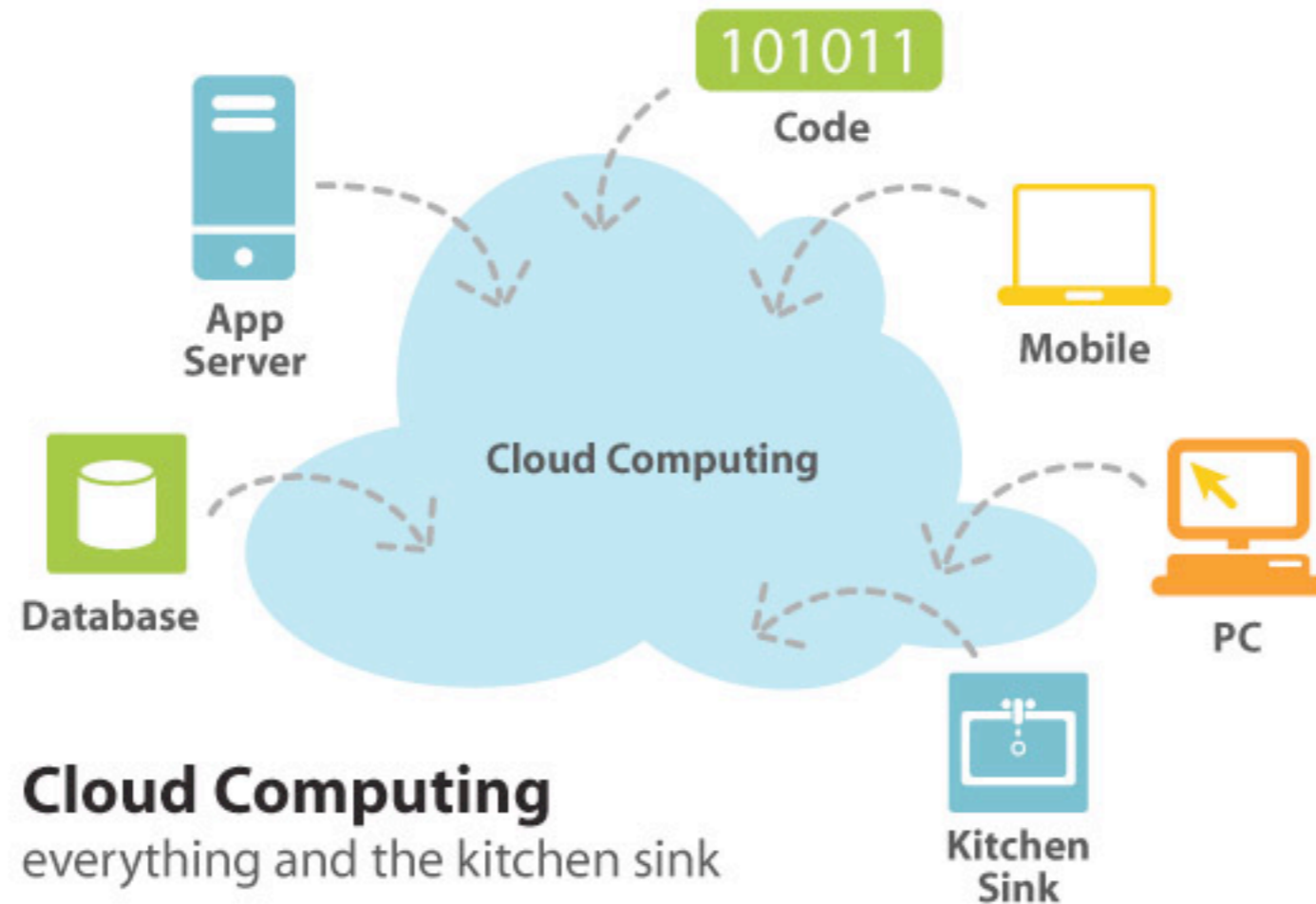
13	+	15	=	4	x	7									15	
+			=		+										=	
7		6	=	6		1	+	3	=	15	+	3	+	15		19
x		+			+				x							+
14		9		7	+	10	=	17		4	+	2	=	16	+	8
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13	+	17	-	20	=	2	x	5		10		16		13		9
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13	+	7	=	20		15	-	12	=	6	x	8	+	16		5
				-										+		x
12	÷	4	=	3		16	-	12	+	4	=	0	+	13		15
=				x												
		8	x	11	=	5	x	15	+	13						

10 6 20 19 19 19 14 + - + x =

A small cartoon penguin character is positioned on the right side of the math grid.



# Moving to the Cloud



<http://lonewolfibrarian.files.wordpress.com/2009/02/cloud-computing-kitchen-sink.jpg>

# Cloud Based: Writing/Planning, Office Apps

 Google™ Google Apps Education Edition

 ZOH<sup>®</sup>  
Work. Online

 bubbl.us  
brainstorming made simple

 beta  
skrbl

# Media

voicethread

flickr®



Picasa

 jumpcut™  
BETA

*JayCut*  
Beta

# Utilities



**drop.io** The simplest way to share online.

# Social Networks

Ning

skype™



divdiv

# Open Source Communities

## K-12 Open Source Community

Free and Open Source Software in K - 12 Education



# Upcoming discussions

Ning Create Your Own Social Network Sign Up Sign In

## The Future of Education

Charting the Course of Education and Learning in a Networked World

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### Panel Discussion--Open Source in Education

Posted by [Steve Hargadon](#) on March 23, 2009 at 10:08am in [General](#)  
[View Discussions](#)

A panel discussion on the current adoption and the future potential of Open Source Software in education with some special guests.

**Jeff Elkner:** Jeff has 17 years experience teaching high school computer science and mathematics using a constructivist approach. He is an active leader and participant in numerous Free Software and Free educational materials projects. He is the co-author of a free textbook, and author of numerous articles and teaching materials on the use of Python in computer science education.

**Sheila Gatling:** Sheila is a co-founder of Moodlerooms, Inc, and a 34 year veteran of the middle school classroom in Amityville, NY. Sheila is expert in teaching K-12 students, connecting with teacher education programs and delivering professional development courses. She has been an active unionist, labor negotiator and New York State United Teachers instructor in NYSUT's Effective Teaching Program. Sheila has co-authored a book entitled "The Black College Guide." She also has significant expertise integrating open-source technologies, including Moodle and Linux, into classroom practice in both middle school and higher education environments.