The Future
Pioneer Library System

Oct. 18, 2006

Stephen Abram

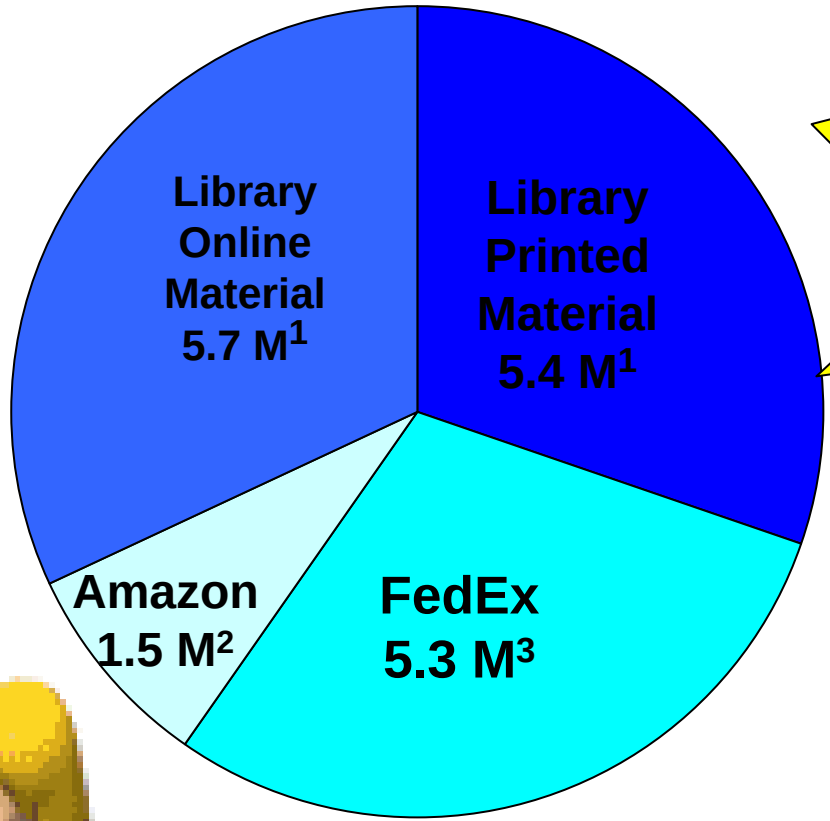
Vice President, Innovation

SirsiDynix

SirsiDynix

"I'll be happy to give you innovative thinking. What are the guidelines?"

US Libraries Daily Circulation



SirsiDynix software circulates 2,000,000 books daily

1. OCLC, “Libraries, How They Stack Up”, Copyright 2003 OCLC Online Computer Library Center, Inc.
2. Cox, John. “Amazon dives into technology services.” InfoWorld, June 10, 2003. <http://www.infoworld.com/article/03/06/10/HNamazondives_1.html? Business> (Accessed August 28, 2003.). “How to go from 100 to 1.5 million unites per day.” Internet Retailer, June 10, 2003. <http://www.internetre tailer.com/ dailyNews.asp?id= 9521> (Accessed August 28, 2003.)
3. FedEx Annual Report 2003

US Libraries as a Destination

US PUBLIC LIBRARY VISITS
1.1 Billion
(STATE LIBRARY DATA, 2001-02)

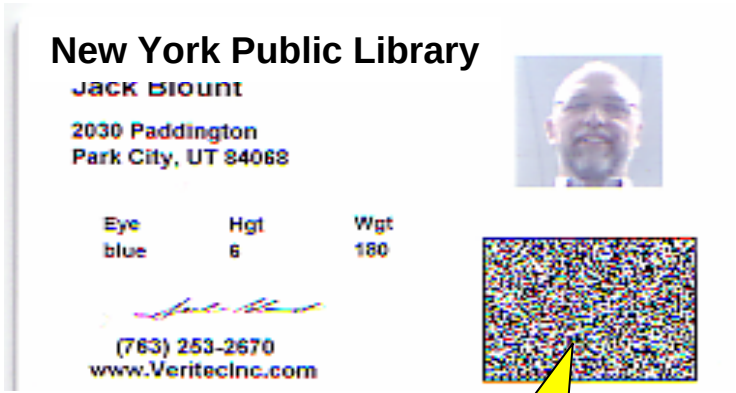
9X

US SPORTS ATTENDANCE
.2 Billion
(STATISTICAL ABSTRACT 2002, CHART __224)

450 million people see SirsiDynix software in libraries

Library Cards vs. Drivers' Licenses

- Six times more people have library cards than drivers licenses[1]



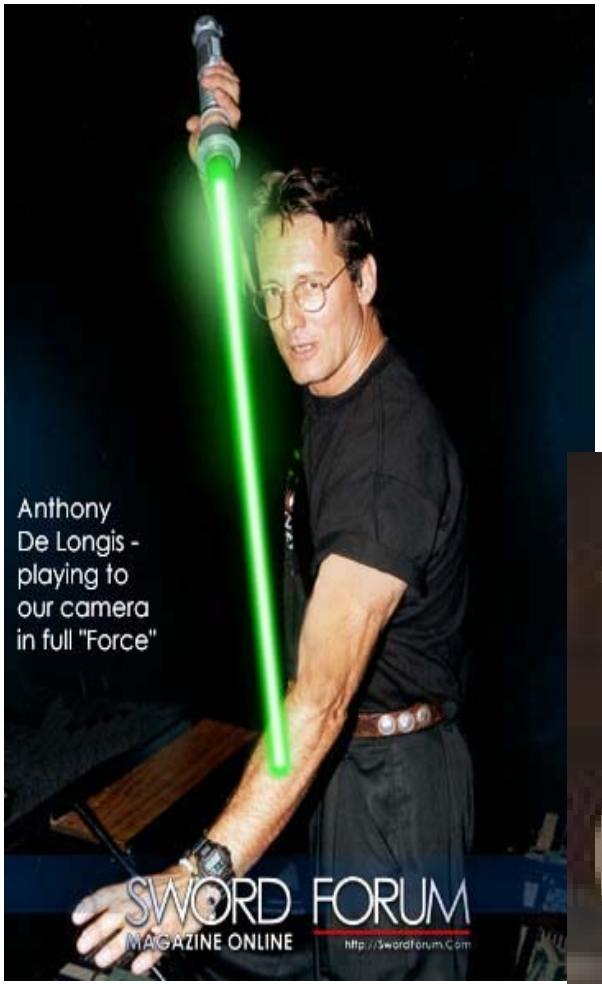
SirsiDynix software manages more patron cards than global driver licenses

1. OCLC, "Libraries, How They Stack Up", Copyright 2003 OCLC Online Computer Library Center, Inc.

The Future Ain't What it Used to Be!

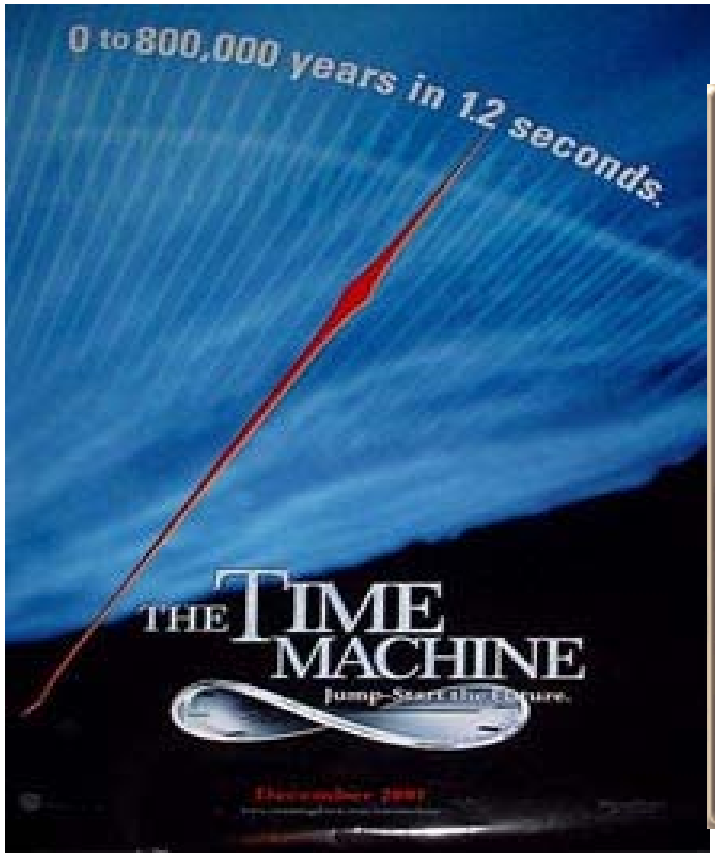
SHIFT HAPPENS

2000 Light Stopped

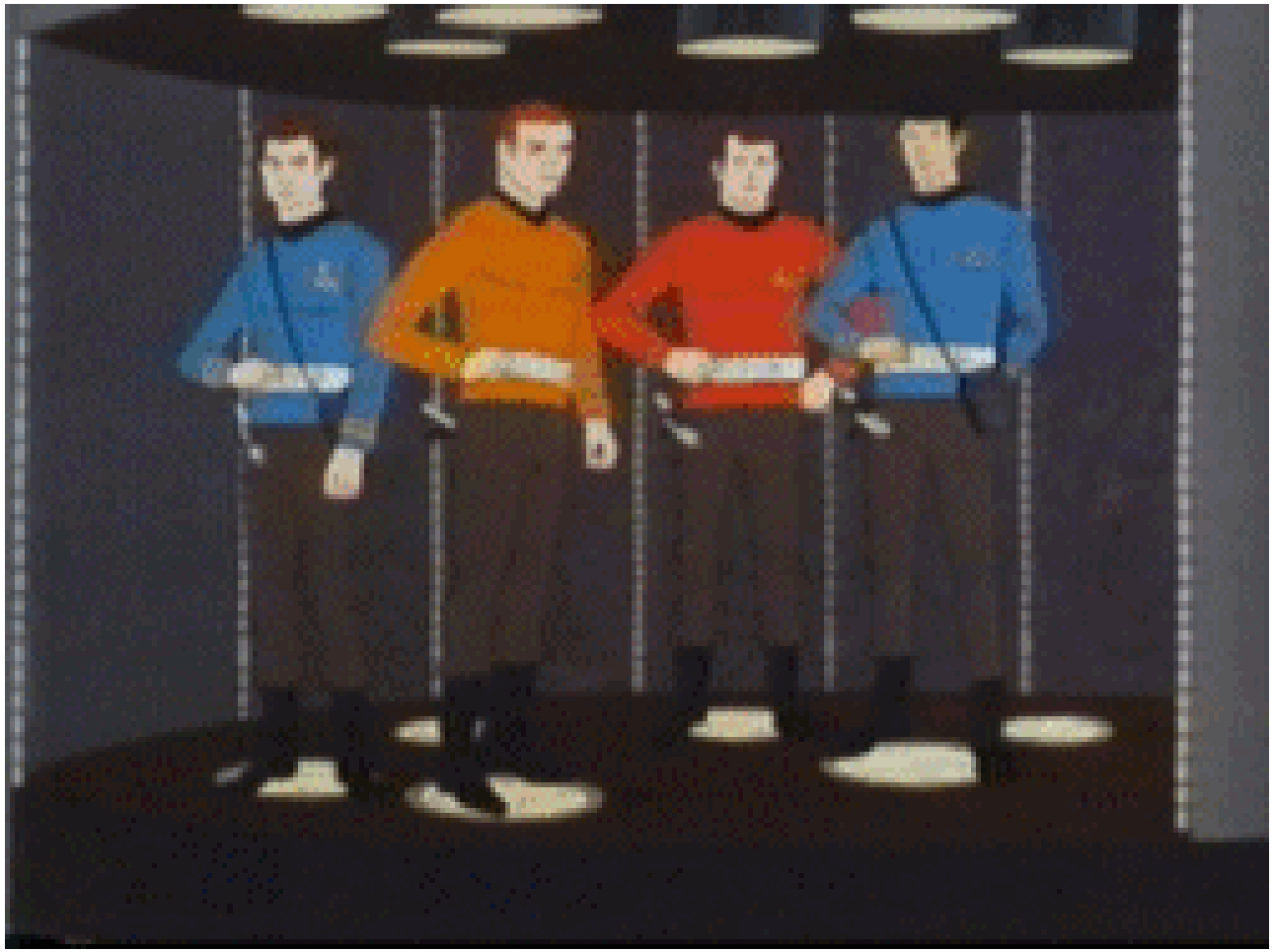


2001 Light Slowed to Bicycle Speed

2002 Light Sent into Future



2003 Light Transported

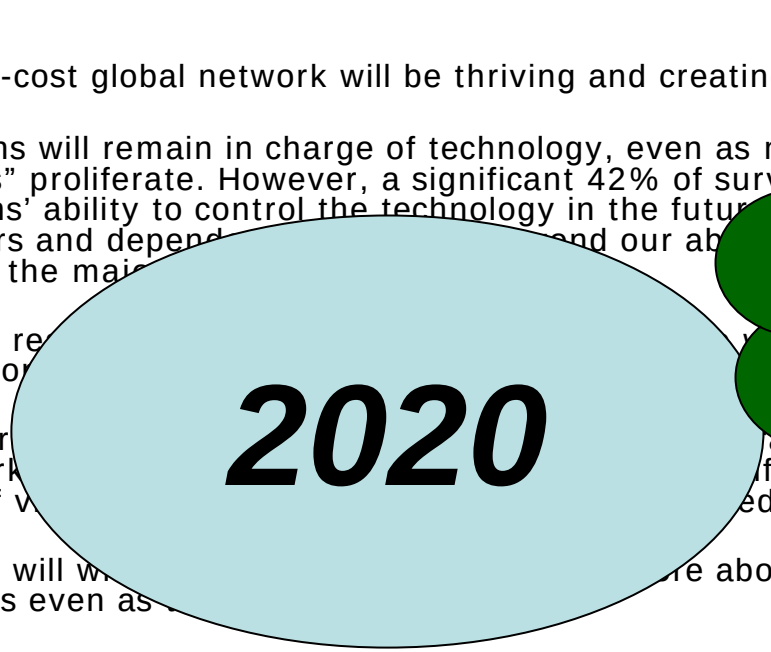


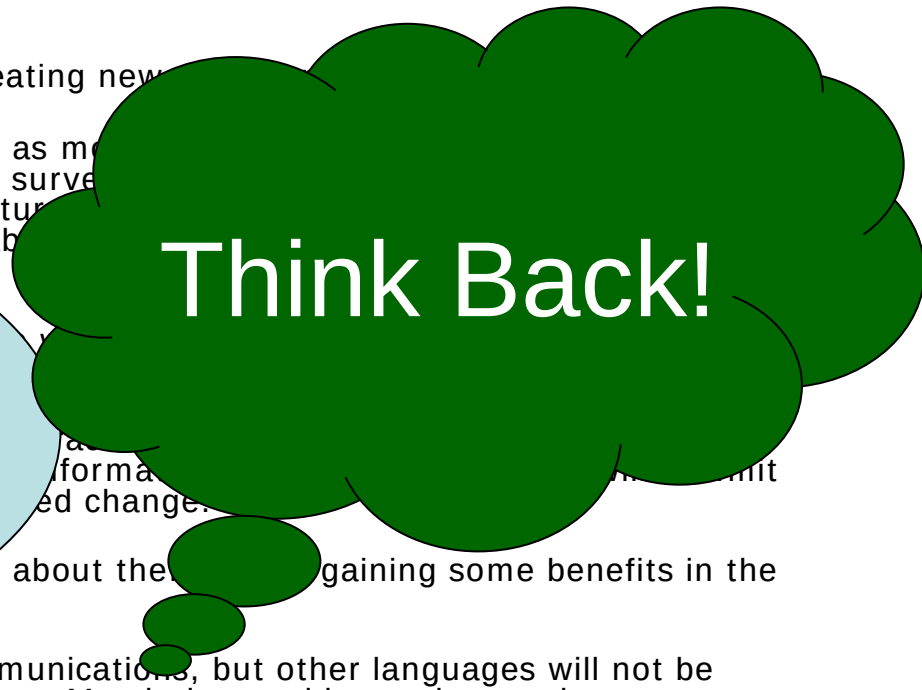
2006 Light Goes Backwards

Boyd's team collected data showing light traveling 'backwards,' seemingly faster than light speed.
Image credit: Univ. of Rochester

Pew 2020 Predictions

- A low-cost global network will be thriving and creating new
- Humans will remain in charge of technology, even as m
  agents" proliferate. However, a significant 42% of surve
  humans' ability to control the technology in the futu
  dangers and depend nd our ab
  one of the maj
- Virtual re
  addictio
- Tech "r
  network forma it
  acts of v ed change.
- People will w re about the gaining some benefits in the
  process even as
- English will be a universal language of global communications, but other languages will not be displaced. Indeed, many felt other languages such as Mandarin, would grow in prominence.





JAEGER
CHANGED PRIORITIES AHEAD
RED ROUTE
No stopping at any time

There's no place like home.

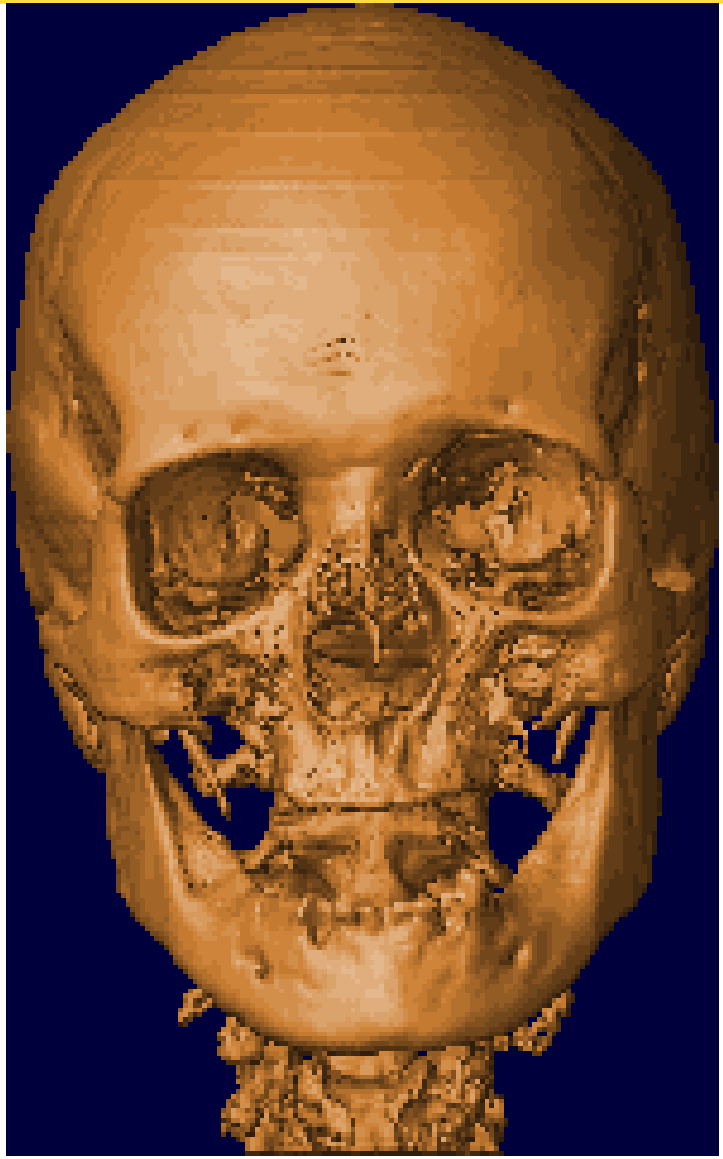
All that matters is…

- **Community**
- **Learning**
- **Interaction**

Google

WARNING
Image contains hidden message

Google Scholar…
Everything the modern advertiser needs



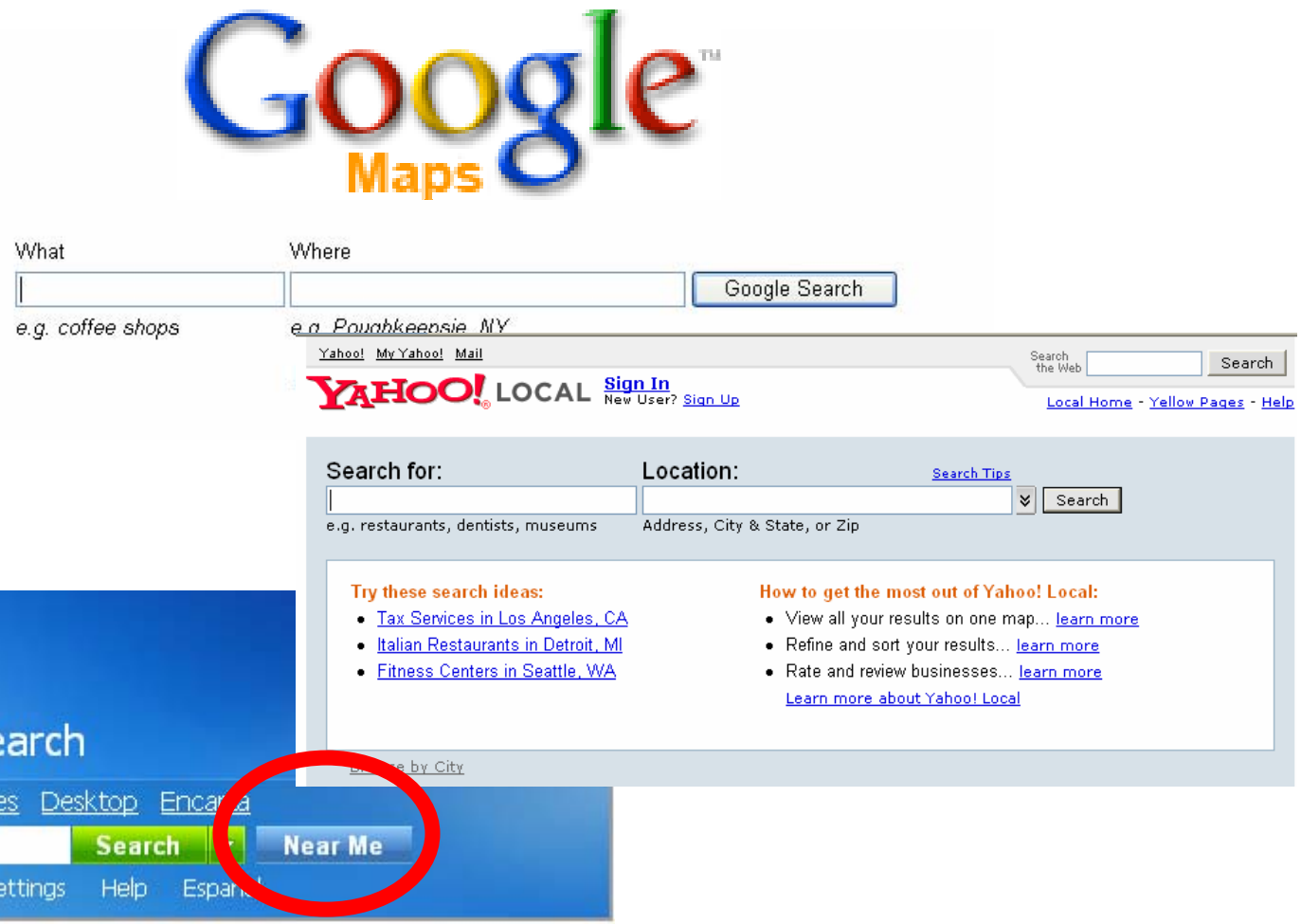
Google™ Book Search BETA

Open Content Alliance

Suppose there're 250,000 books . . . Or 15,000,000 in 5 years?

How does that compare to Pioneer?

Google & Kansas City


Google™
Maps
What
Where
Google Search
e.g. coffee shops
e.g. Poughkeepsie, NY
Yahoo! My Yahoo! Mail
Search the Web
Search
YAHOO! LOCAL
Sign In
New User? Sign Up
Local Home - Yellow Pages - Help
Search for:
Location:
Search Tips
Search
e.g. restaurants, dentists, museums
Address, City & State, or Zip
Try these search ideas:
Tax Services in Los Angeles, CA
Italian Restaurants in Detroit, MI
Fitness Centers in Seattle, WA
How to get the most out of Yahoo! Local:
View all your results on one map... learn more
Refine and sort your results... learn more
Rate and review businesses... learn more
Learn more about Yahoo! Local
msn Search
Web News Images Desktop
starbucks
Search
Near Me
+Search Builder Settings Help

Canandaigua, NY libraries - Google Maps - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Search Favorites

Address http://maps.google.com/maps

Google google maps Go Bookmarks 9 blocked Check Look for Map AutoFill Send to google maps Settings

Adobe Search Save to My Web Yahoo! Mail My Yahoo! Sign in Games Finance Personals Answers Music

stephen.abram@gmail.com | Saved Locations | Help | My Account | Sign out

Google Maps

Web Images Video New! News Maps more »

Canandaigua, NY libraries Search Maps

Search the map Find businesses Get directions

Maps

Print Email Link to this page

Results **1-10** of about **1,980** for **libraries** near **Canandaigua, NY** - Modify search

Categories: Libraries Public, Libraries

A **Libraries**: Pioneer Library System
2557 State Route 21, Canandaigua, NY
(585) 394-8260

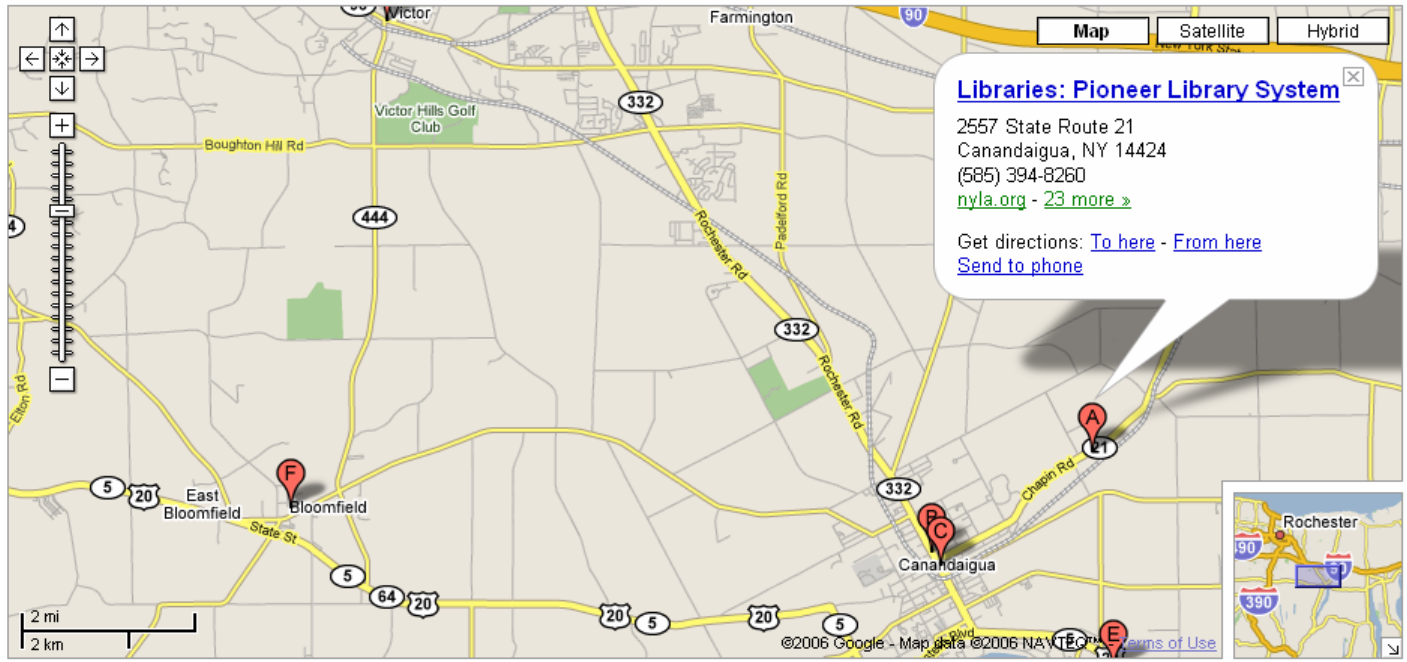
B Wood Library
134 N Main St, Canandaigua, NY
(585) 394-1381

C Ontario County Historical Scty
55 N Main St, Canandaigua, NY
(585) 394-4975 - 1 review

D Bristol Library
6750 County Road 32, Canandaigua, NY
(585) 229-5862

E Charles J Meder Library
4355 Lakeshore Dr, Canandaigua, NY
(585) 394-3500

F Bloomfield Public Library
9 Church St, Bloomfield, NY
(585) 657-6264

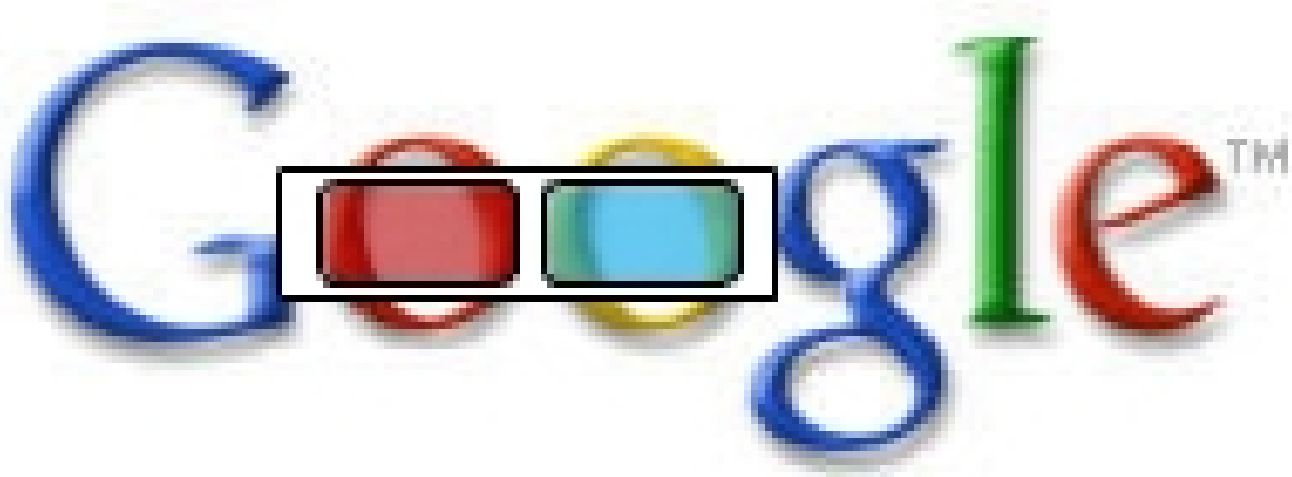


Internet

start Microsoft PowerPoint ... Canandaigua, NY libr... Search with Google 4:57 PM

Google and 3D

- San Francisco first.



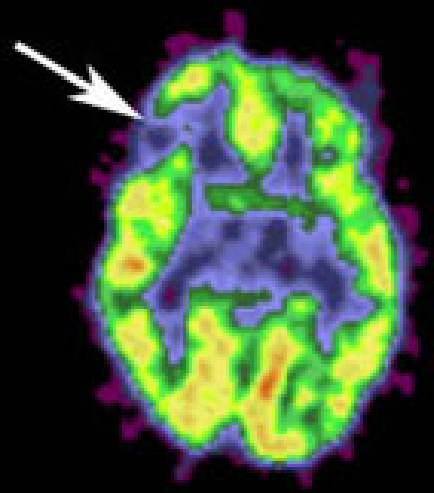
…5 year planning horizon

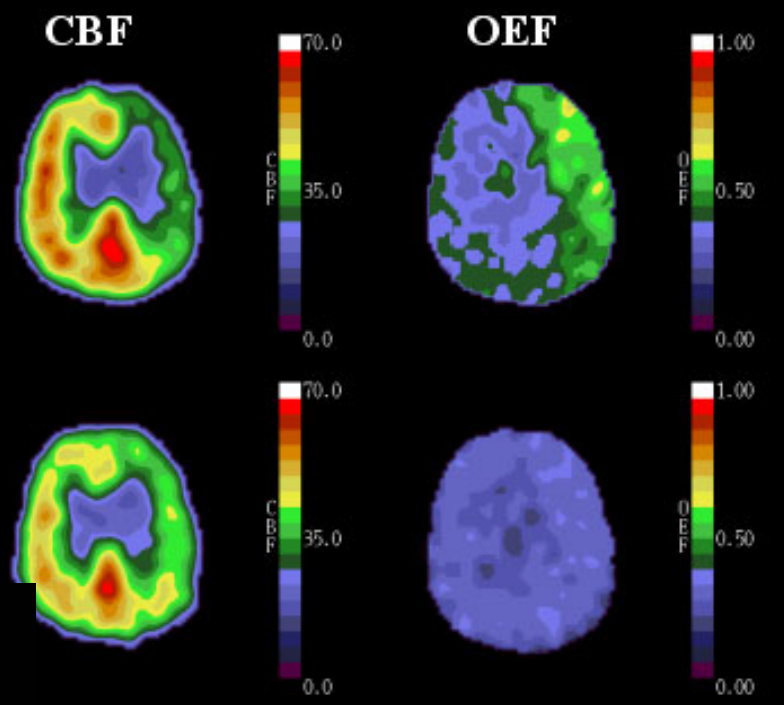
Yes – They are different, period.

MILLENNIAL CHARACTERISTICS

Principled / Values	More Friends	More Diverse	Respect Intelligence
Optimistic / Positive	Internet Natives	More Choices	Format Agnostic
Balanced Lives	Adaptive / Flexible	Civic Minded	High Expectations
Collaborative	Nomadic	Gamers	Experiential
Independent	Confident	Direct	More Liberal
Multi-taskers	Inclusive	Patriotic	Entrepreneurial
Healthy Lifestyle	Family Oriented	Graphical	Achievement Oriented

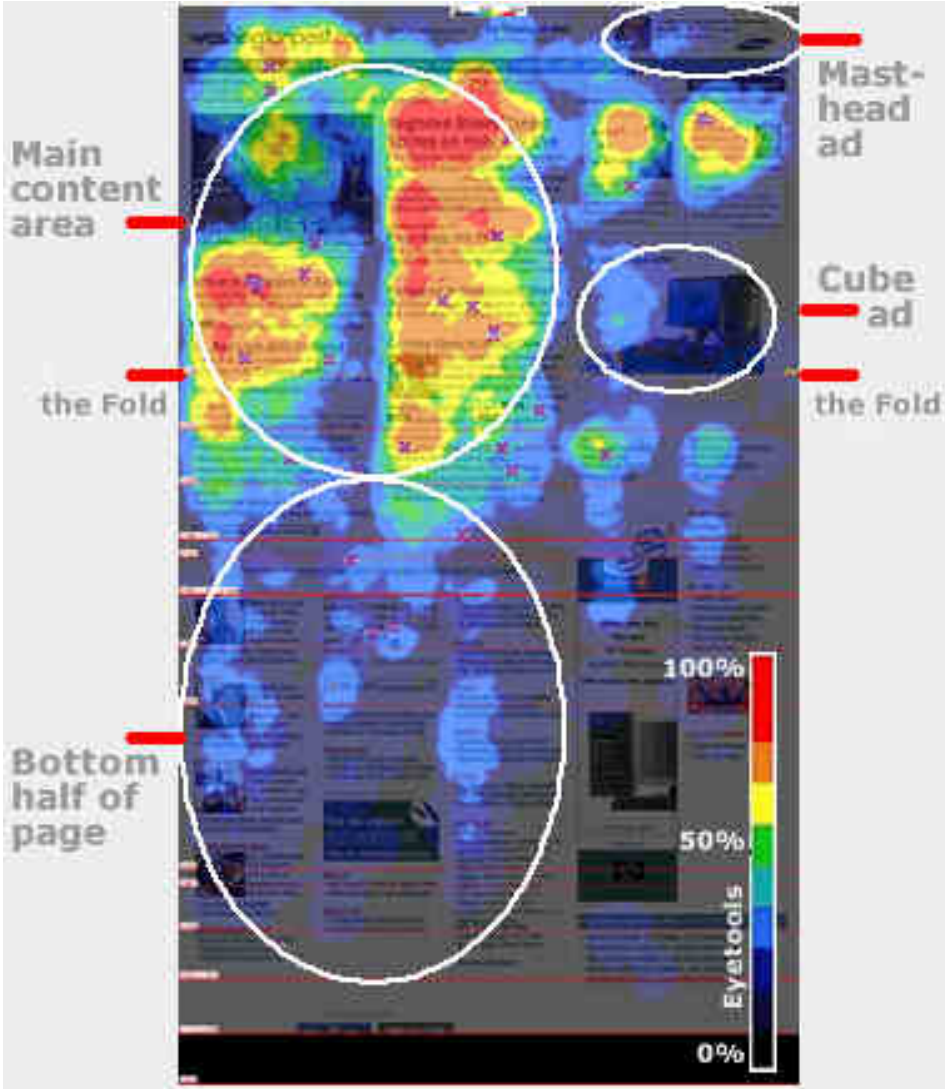
Credit: Richard Sweeney, NJIT




CBF
OEF
70.0
35.0
0.0
1.00
0.50
0.00
CBF
OEF

Usability

The A frame adopted from newspaper layout is not what works.



Heat Maps are created by tracking user eye movements and summing the records for user groups. Here, the eye movements of elementary school students were tracked and recorded resulting in a *Heat Map* that clearly shows the students focus on the navigation options in the top left, the main feature panel in the center of the page, and the search box in the center top. This actual webpage can be seen by clicking here.

Heat Maps help SirsiDynix understand how to layout pages

EverQuest

station.com
sign in / change user
join free
why join?
SOE
SONY ONLINE ENTERTAINMENT
Search Knowledge Base
GO
Games
Community
Store
My Account
Help
Home
Media
The Game
Characters
FAQ
Beta
Partners
Forums
News/Players
Pre-Order Today!
EverQuest II
Trailer
play movie
download
EverQuest II
US English
Featured News
Tactics
Traits

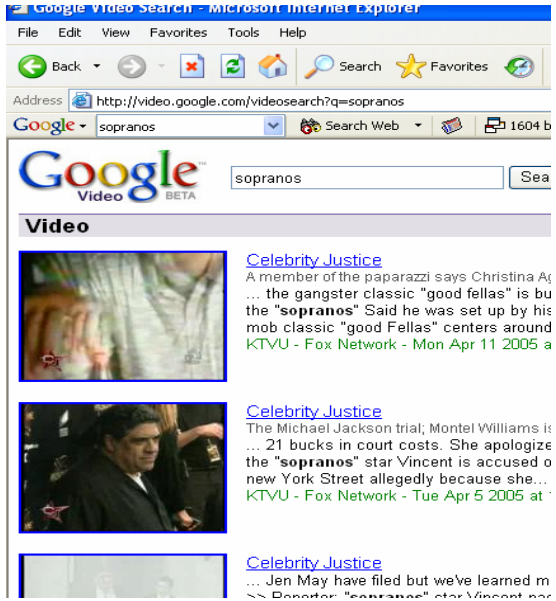
IM

- Aaron Schmidt -at Thomas Ford PL
- Pennsylvania State University IM pilots

  - Discover IM, JYBE, SMS, Texting and Skype
  - Grow into Virtual Reference like SirsiDynix Docutek VRL *Plus*
  - Collaborate on Statewide and National VR

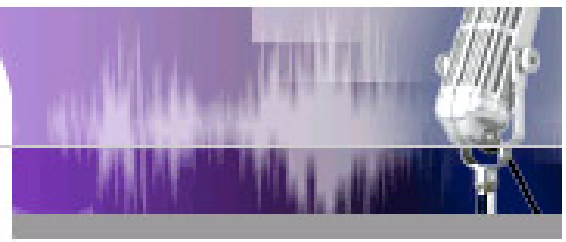
Get your texthead to nexthead

- MP3's
- Streaming Media
- Voice search



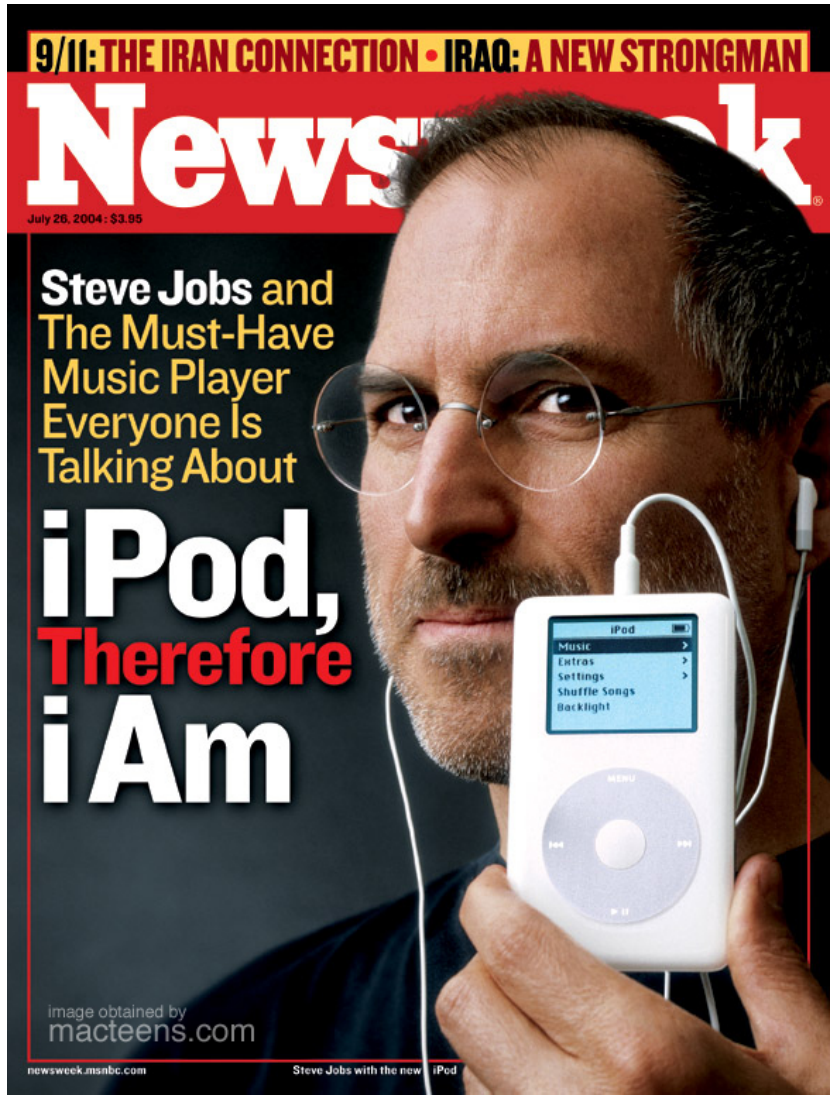
KaZaA

SpeechBot™
audio search using speech recognition



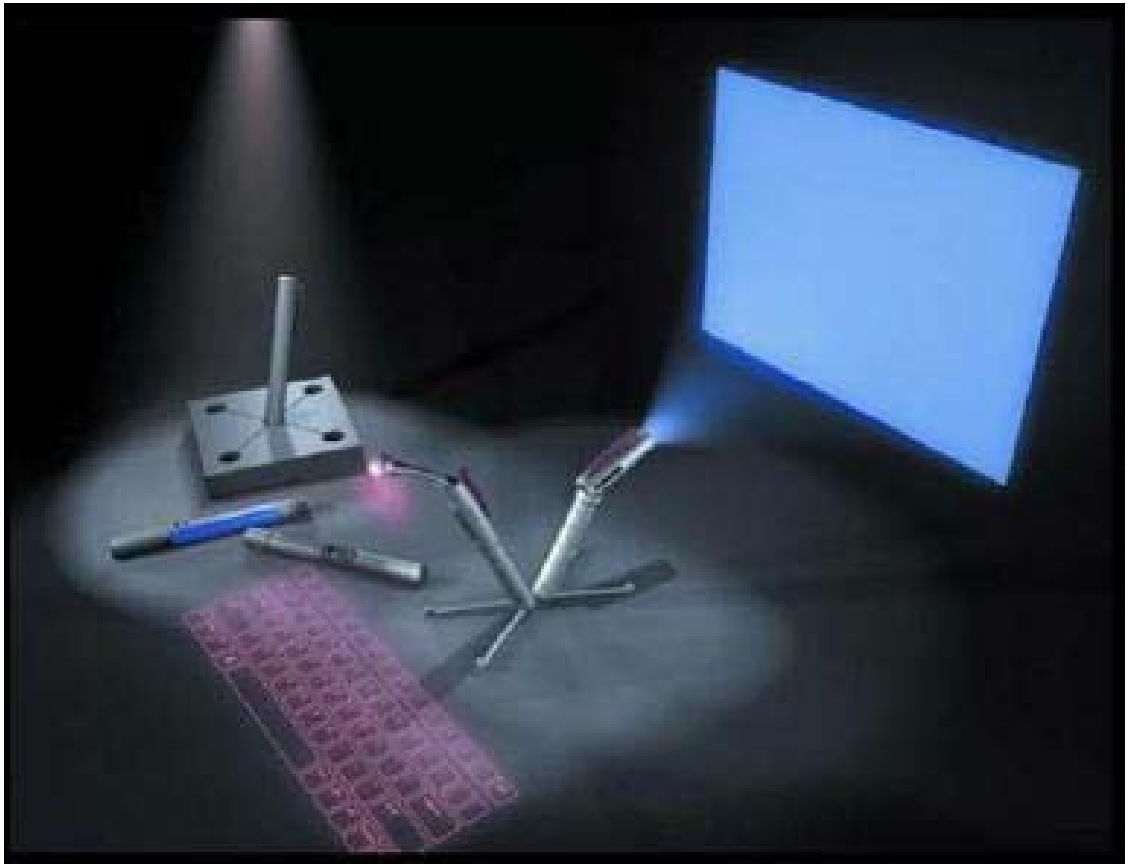
Podcasting

1584 readers
BY FEEDBURNER
this feed is totally taking off.

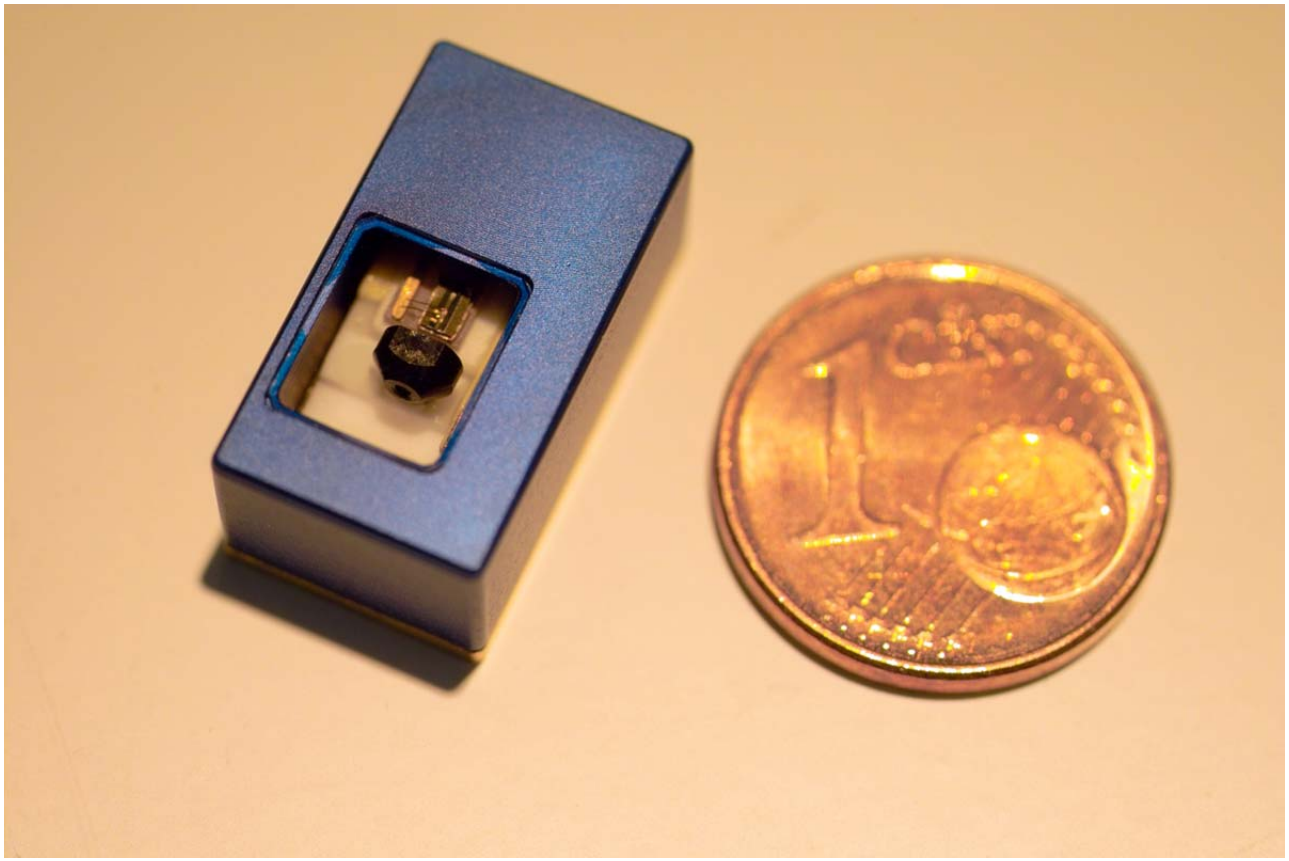

9/11: THE IRAN CONNECTION • IRAQ: A NEW STRONGMAN
July 26, 2004 : $3.95
Steve Jobs and The Must-Have Music Player Everyone Is Talking About
iPod, Therefore i Am
image obtained by macteens.com
newsweek.msnbc.com
Steve Jobs with the new iPod

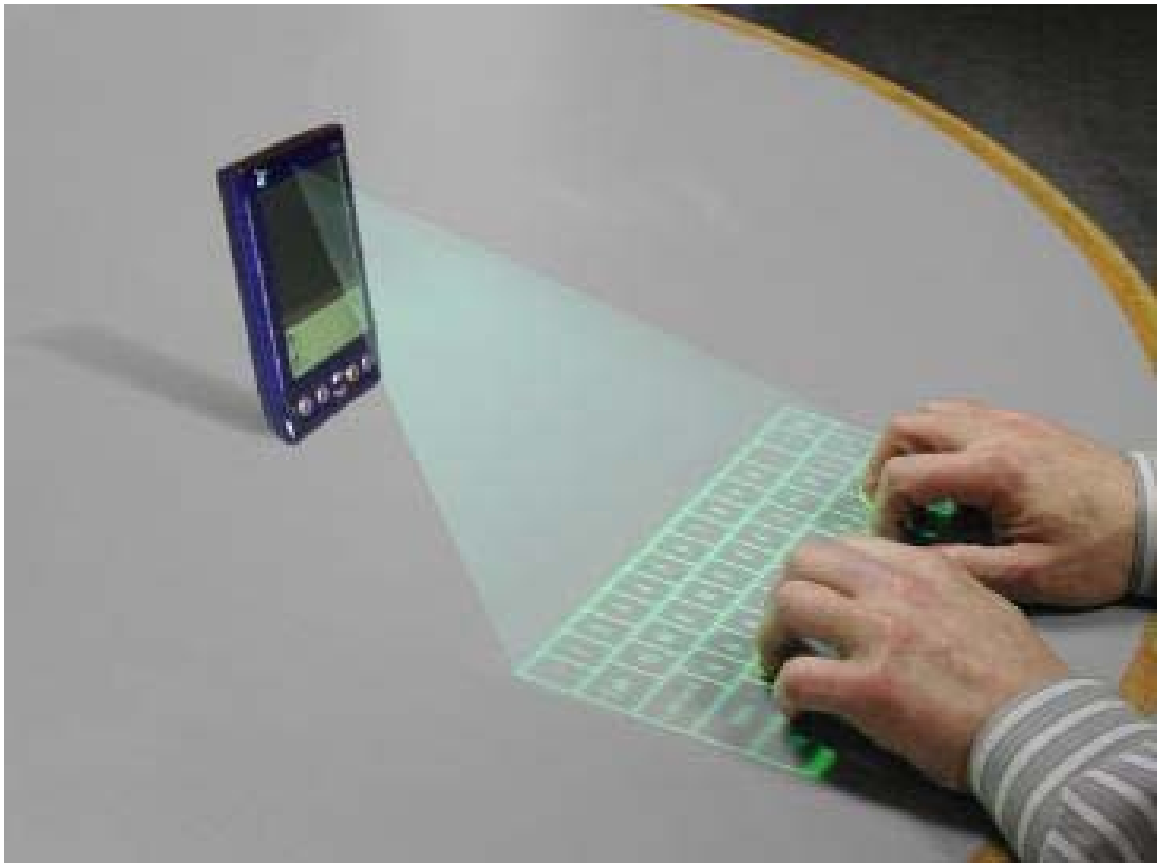
Google invests in wired …

Bidirectional wireless module

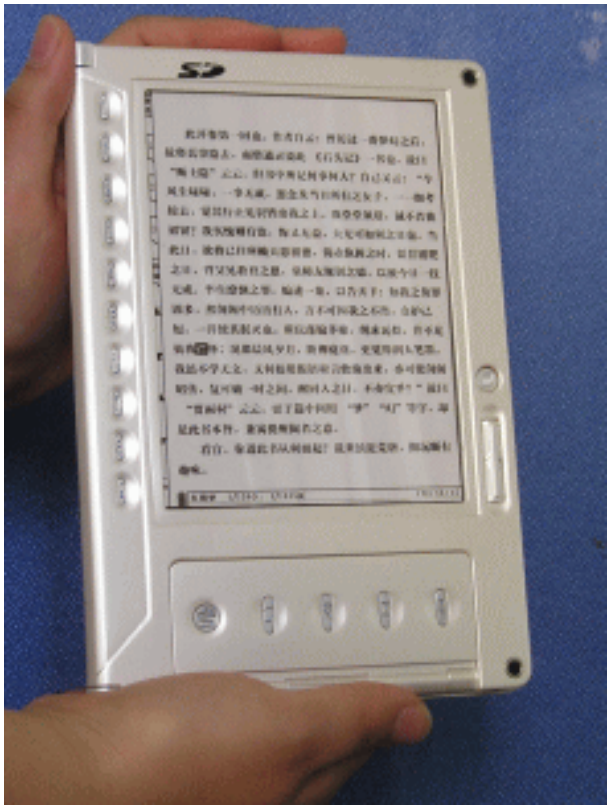


A projector the size of a sugar cube





http://www.snopes.com/photos/advertisements/pcpen.asp



BBC NEWS

Everything's getting smaller

MySpace.com | Home The Web MySpace Search Help | SignUp

myspace a place for friends

VONAGE vonage.ca ▶ Save now
Premium Unlimited $39.99 /month
Unlimited local & long-distance throughout Canada & the U.S.
VoIP 9-1-1 service has certain limitations versus traditional 9-1-1. See vonage.ca for details.

Home | Browse | Search | Invite | Rank | Mail | Blog | Favorites | Forum | Groups | Events | Games | Music | Classifieds

Cool New People

Virginia

Katrina

Kendall

Gordon

Blogs Classifieds
Browse Filmmakers
Chat Rooms Forums Gro

Reminder: 200,000-250,000 A DAY!

MySpace Music

Two Gallants
Indie
San Francisco, CA

Two Gallants bring us an infusio ody-knuckled punk energy to storytelling epics and tear-in-you er honky-tonk. They've crafted a surprisingly original sound out of their timeworn influences.
» Listen Now

MySpace Specials

Member Login
E-Mail:
Password:
Remember my E-mail
LOGIN SIGN UP!
orgot your password?

advertisement
ING DIRECT save your money
Open an ING DIRECT Investment Savings Account.
START SAVING

MySpace.com | Home

The Web MySpace Search

Help | SignUp

myspace a place for friends

VONAGE vonage.ca ▶ Save now

Premium Unlimit $30

Unlimited local & long-distance throughout Canada & the U.S.

VoIP 9-1-1 service has certain limitations versus traditional 9-1-1. See vonage.ca for details.

Home | Browse | Search | Invite | Rank | Mail | B | ps | Events | mes | Music | Classifieds

Reminder: 15 million daily users, and 30 billion page views a month

Cool New People

Virginia

Katrina

Blogs
Browse
Chat Roo

MySpace Music

Two Gallants ...usion of ...y-knuckled punk energy to storytelling ep... ...-in-your-beer honky-tonk. They've crafted a surprisingly ori... ...und out of their timeworn influences.

» Listen N...

MySpace Specials

Member Login

...Remember my E-mail

...GIN SIGN UP!

...t your password?

advertisement

ING DIRECT save your money

Open an ING DIRECT Investment Savings Account.

START SAVING

www.myspace.com/hennepincountylibrary - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Search Favorites

Address http://www.myspace.com/hennepincountylibrary Go Links

Google Search PageRank 1269 blocked Check AutoLink AutoFill Options

Search

Home | Browse | Search | Invite | Film | Mail | Blog | Favorites | Forum | Groups | Events | Videos | Music | Comedy | Classifieds

Hennepin County Library

Female
86 years old
HOPKINS, Minnesota
United States

Last Login: 7/18/2006

View My: Pics | Videos

Contacting Hennepin County Library

Send Message | Forward to Friend
Add to Friends | Add to Favorites
Instant Message | Block User
Add to Group | Rank User

MySpace URL:
http://www.myspace.com/hennepincountylibrary

Hennepin County Library is in your extended network

Hennepin County Library's Latest Blog Entry [Subscribe to this Blog]

Check out this event: DDR at the Library (view more)

Add the library catalog to your MySpace (view more)

What's Happening at the Library (view more)

Hennepin County Library does not in any way endorse the ads at the top of this page. (view more)

Summer Plans (view more)

[View All Blog Entries]

Hennepin County Library's Blurbs

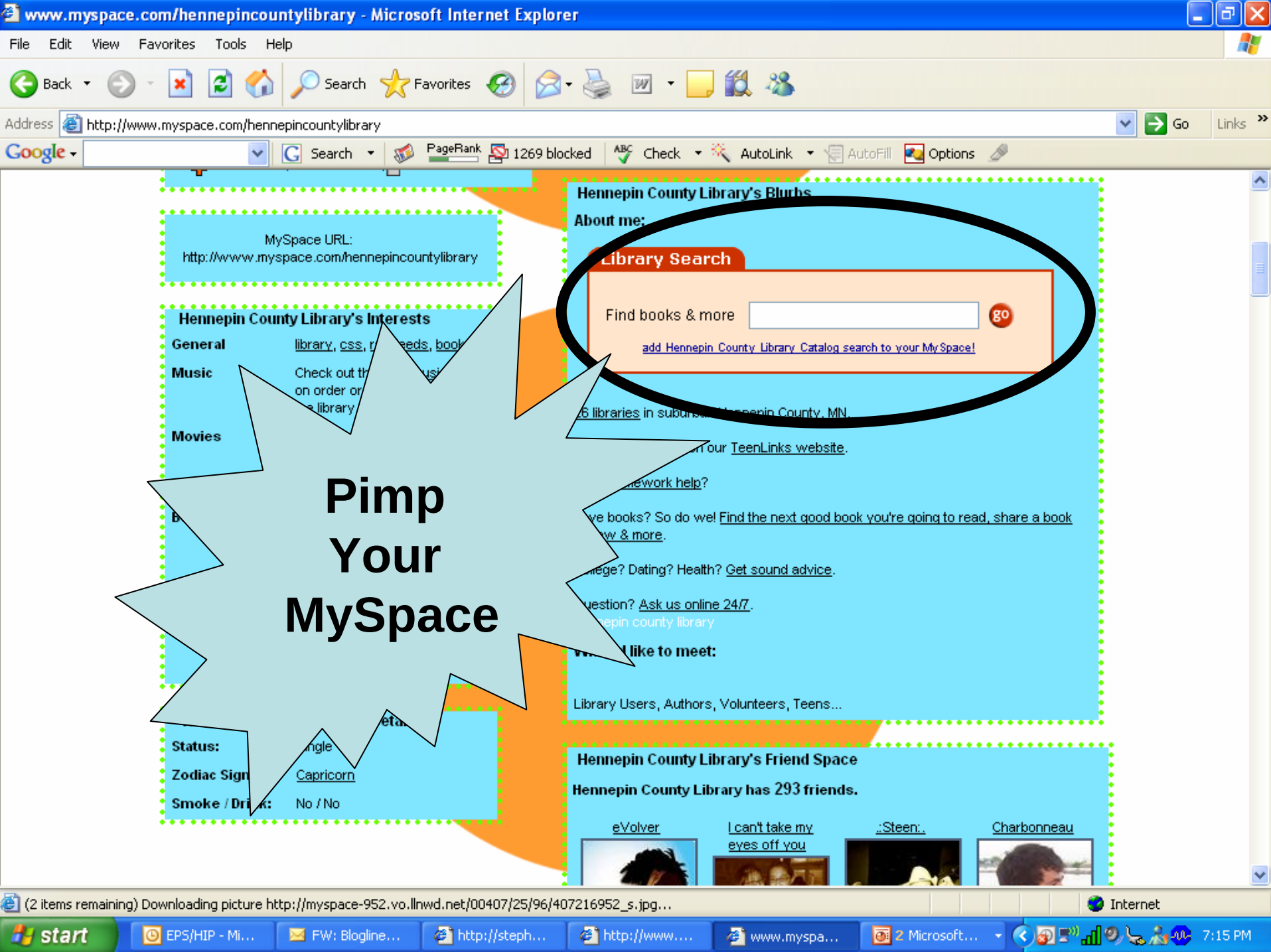
About me:

Library Search

(3 items remaining) Downloading picture http://myspace-760.vo.llnwd.net/00839/06/72/839142760_s.jpg...

Internet

start | EPS/HIP - Mi... | FW: Blogline... | http://steph... | http://www.... | www.myspa... | 2 Microsoft... | 7:14 PM


www.myspace.com/hennepincountylibrary - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites
Address http://www.myspace.com/hennepincountylibrary
Go Links
Google Search PageRank 1269 blocked Check AutoLink AutoFill Options
MySpace URL:
http://www.myspace.com/hennepincountylibrary
Hennepin County Library's Interests
General
Music
Movies
Hennepin County Library's Blurbs
About me:
Library Search
Find books & more
go
add Hennepin County Library Catalog search to your MySpace!
6 libraries in suburban Hennepin County, MN.
our TeenLinks website.
ework help?
ve books? So do we! Find the next good book you're going to read, share a book
w & more.
ege? Dating? Health? Get sound advice.
uestion? Ask us online 24/7.
epin county library
like to meet:
Library Users, Authors, Volunteers, Teens...
Status:
Zodiac Sign
Capricorn
Smoke / Drink:
No / No
Hennepin County Library's Friend Space
Hennepin County Library has 293 friends.
eVolver
I can't take my eyes off you
.:Steen:.
Charbonneau
Pimp Your MySpace
(2 items remaining) Downloading picture http://myspace-952.vo.llnwd.net/00407/25/96/407216952_s.jpg...
Internet
start
EPS/HIP - Mi...
FW: Blogline...
http://steph...
http://www....
www.myspa...
2 Microsoft...
7:15 PM

Library MySpace Sites

Hennepin County Library
http://www.myspace.com/hennepincountylibrary

Thomas Ford Memorial Library
http://www.myspace.com/thomasford

Public Library of Charlotte & Mecklenberg County
http://www.myspace.com/libraryloft

Brooklyn College Library
http://www.myspace.com/brooklyncollegelibrary

Lansing Public Library
http://www.myspace.com/lansingpubliclibrary

Morrisville College Libraries
http://www.myspace.com/morrisvillecollegelibrary

Westmount PL
http://www.myspace.com/westmontlibrary

Goshen PL
http://www.myspace.com/goshenpubliclibrary

University of Illinois Undergrad Library
http://www.myspace.com/undergradlibrary

Albany County PL
http://www.myspace.com/acplwy

UT Austin Library
http://www.myspace.com/utlibraries

Carnegie Library of Pittsburgh
http://www.myspace.com/clpteens

MySpace.com | Home

The Web | MySpace | Search

Help | SignUp

myspace a place for friends

VONAGE vonage.ca ▶ Save now

Premium Unlimit $30

Unlimited local & long-distance throughout Canada & the U.S.

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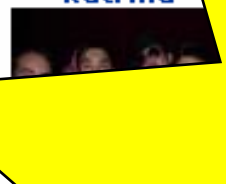
Home | Browse | Search | Invite | Rank | Mail | B | ps | Events | mes | Music | Classifieds

My Smarter Space

Cool New People

Virginia

Katrina



Blogs
Browse
Chat Roo

MySpace Music

Two Gallants | usion of | y-knuckled punk energy to storytelling ep | n-in-your-beer honky-tonk. They've crafted a surprisingly ori | und out of their timeworn influences.

» Listen Ne

MySpace Specials

Member Login

Remember my E-mail

SIGN IN | SIGN UP!

Forgot your password?

advertisement

ING DIRECT save your money

Open an ING DIRECT Investment Savings Account.

START SAVING

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Address http://www.youtube.com/ Go Links

Google youtube Go Bookmarks 9 blocked Check AutoLink AutoFill Send to youtube Settings

YouTube™ Broadcast Yourself

Sign Up | My Account | Viewing History | Help | Log In

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My Account | My Videos | My Favorites | My Friends | My Inbox | My Subscriptions | My Groups | My Channel

Featured Videos

See More Videos

Nouvelle Vague - Dance With Me

03:52

From Bande A Part out now on Luaka Bop/V2

Tags: French New Wave Sexy Music Lounge Girls Hot N... Dancing Cute V2 Luaka Bop 2K Indie Peace ...

Added: 1 week ago in Category: Music

From: V2RecordsNYC

Views: 377

★★★★½

161 ratings

Me and Jeff Goldblum

01:08

Me and Jeff hanging out VIP style

Tags: Goldblum Celebrity Mad Cow

Added: 7 months ago in Category: Entertainme...

From: mbstokes

Views: 82,143

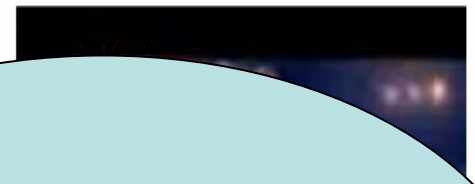
★★★½☆

901 ratings

Painter Sketch

02:21

This animated sketch -- made with acrylic paint, a canvas, and a Super-8 camera propped up on a ladder -- was a preliminary test for a longer animated project that I never got around to. The footage is from 1992. The



GooTube
Harvard, Yale,…

User Name:

Password:

Sign Up

Done Internet

start YouTube - Broadcast ... Happy Birthday Googl... imperial Search with Google 4:18 PM

Facebook | Sydney Abram - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Search Favorites

Address http://hs.facebook.com/profile.php?id=1657710010 Go Links

Google Search 94 blocked Check AutoLink AutoFill Options

Search Web NEW Toolbar Update Mail My Yahoo! Mother's Day Answers Games

Search Highlight Options Pop-ups Allowed Hotmail Messenger My Page News

facebook

home search social net invite help logout

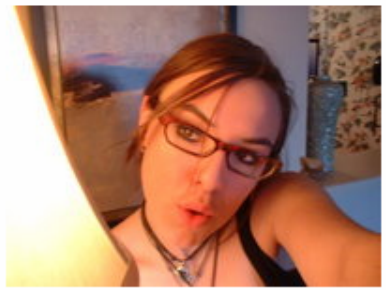
Search

My Profile edit
My Friends
My Photos
My Groups
My Events
My Messages
My Account
My Privacy

University of Phoenix

Study where you want.

Sydney Abram's Profile (This is you) Humberside Collegiate Institute



View More Photos of Me (22)
Edit My Profile
Edit My Picture
Edit My Privacy

Humberside Collegiate Institute Friends

41 friends at Humberside Collegiate Institute. See All

Stephanie Craig

Jessica Tonkin

Hali Hamilton

Information edit

Account Info [edit]
Name: Sydney Abram
Network: Humberside Collegiate Institute '06
Last Update: May 13, 2006

Basic Info [edit]
Sex: Female
Interested In: Men
Birthday: June 29, 1988

Contact Info [edit]
Email: syd.abram@gmail.com

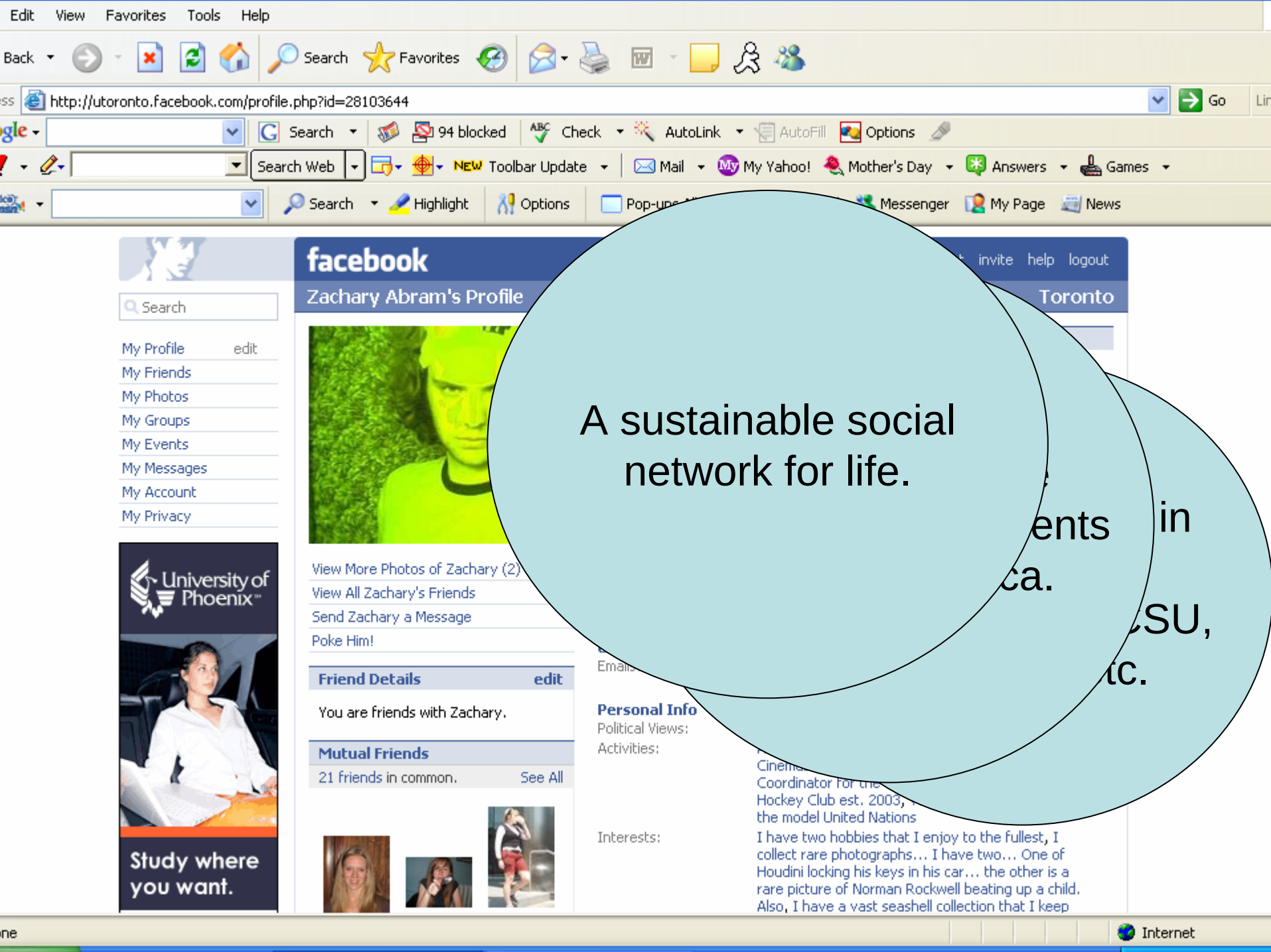
Personal Info [edit]
Political Views: Other
Activities: U of T Gymnastics
Interests: im interested in mostly glorious things..
Favorite Music: the good kind
Favorite TV Shows: the funny ones...freaks and geeks, the office, family guy, arrested development, scrubs.. etc
Favorite Movies: June Bug..just to be different
Favorite Books: ofcourse the embarrassing ones..The Alchemist, Of Mice and Men, GhostWorld, Sin City (any volume), Same Difference, Summer Blonde
Favorite Quotes: "thats..my life story"
About Me: (insert..bongo solo)

Photos edit

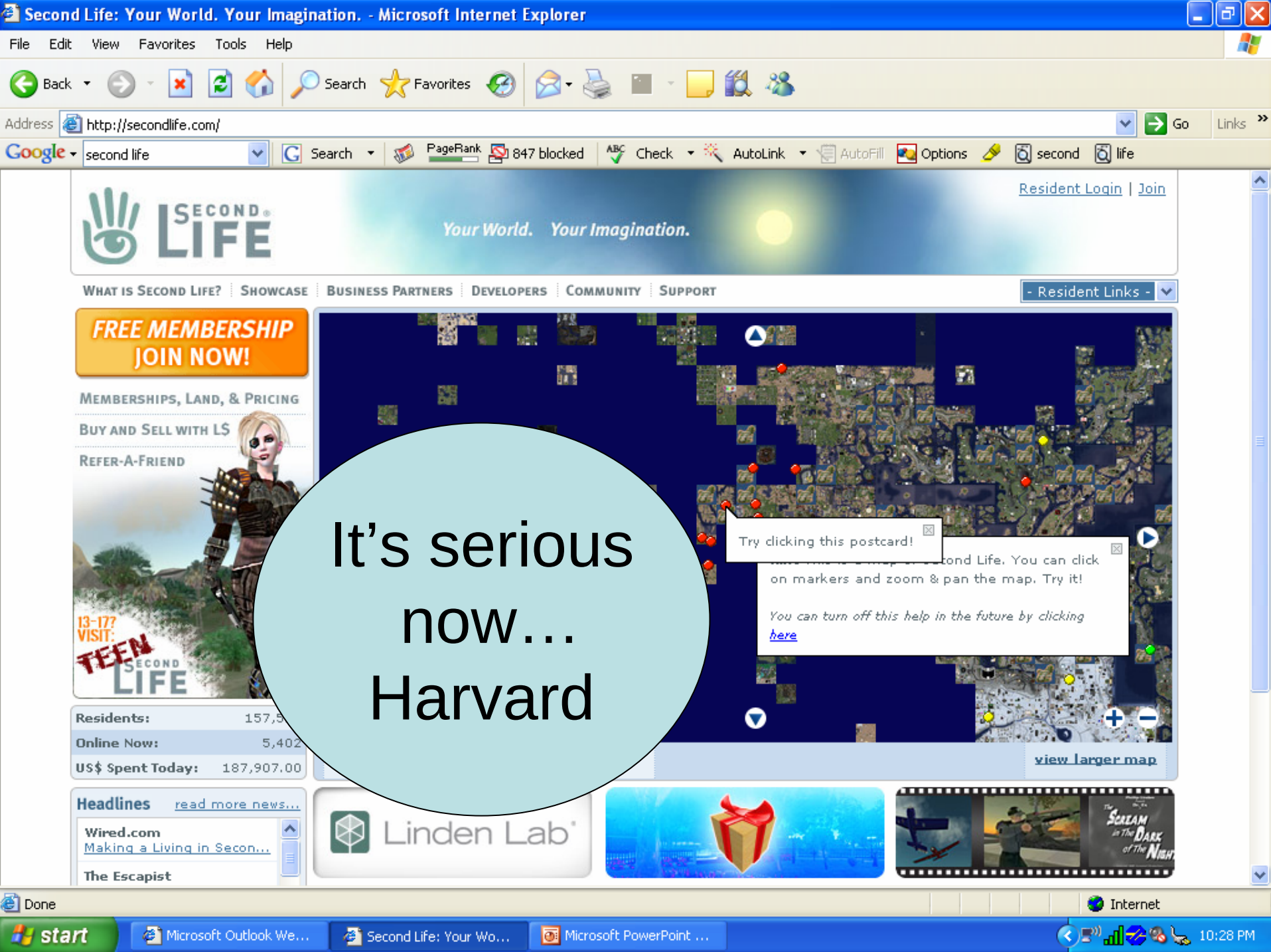
You have 5 albums. See All

http://hs.facebook.com/s.php?k=10010&n=-1&13=6%2F29%2F1988 Internet

start Facebook | Sydney A... Microsoft PowerPoint ... 9:55 PM


Edit View Favorites Tools Help
Back Search Favorites
http://utoronto.facebook.com/profile.php?id=28103644
Go
Search 94 blocked Check AutoLink AutoFill Options
Search Web NEW Toolbar Update Mail My Yahoo! Mother's Day Answers Games
Search Highlight Options Messenger My Page News
facebook
invite help logout
Zachary Abram's Profile
Toronto
Search
My Profile edit
My Friends
My Photos
My Groups
My Events
My Messages
My Account
My Privacy
View More Photos of Zachary (2)
View All Zachary's Friends
Send Zachary a Message
Poke Him!
Friend Details edit
You are friends with Zachary.
Mutual Friends
21 friends in common. See All
Personal Info
Political Views:
Activities:
Interests:
I have two hobbies that I enjoy to the fullest, I collect rare photographs... I have two... One of Houdini locking his keys in his car... the other is a rare picture of Norman Rockwell beating up a child. Also, I have a vast seashell collection that I keep
University of Phoenix
Study where you want.
A sustainable social network for life.
ents
in
ca.
SU,
tc.
Internet

Active Worlds - VBI - Virtual Bibliographic Instruction at 1S 1W facing N
File Teleport View Options Show Login Avatar Visibility Web Help
TURN_AROUND WAVE JUMP SPIN JOY1 YES BLOW_KISS EGYPTIAN MACARENA KARATE KICK
URL: http://www.eastern.edu.
VBI Reference Central
EASTERN UNIVERSITY
ABOUT | ACADEMICS | ADM
Library :
> Library Catalogs
> Books
> Databases
> Journals
> Subject Guides
> Interlibrary Loan
> Services
> Faculty Resources
> Web Index
> Eastern University Home Page
Tab Controls
Teleports VoiceChat Help
Worlds Contacts Telegrams
80 Worlds 1 User
VBI 1
!AWEDU! 0
^centre^ 0
Immigration Officer: Welcome to the Activeworlds EDUverse. The EDUverse has upgraded with a VoIP module. Problems can be reported to support@activeworlds.com
Immigration Officer: Welcome to the AWEDUverse
Immigration Officer: Welcome to Eastern University!
Download complete
Done
0.1 K/sec
8.8 frames/sec
12:17:20 AM Sun May 14, 2006 VRT
60 meters
0.2 meters
start
Microsoft Outlook We...
Downloading The Acti...
Web 2.0 Overview Mi...
Active Worlds - VBI - ...
9:17 PM



It's serious now… Harvard

Second Life Library 2.0

Teen SL Library services meeting

Second Life Library Reading Room

SirsiDynix institute
grow your skills

Inside

Sim of the Week - Page 9

FYI

Linden Lab is temporarily postponing the release of 1.9.1. They will continue to release updated versions of 1.9.1 on the preview grid for testing. They will still be bringing the grid down for some hardware and server side code upgrades. These changes will occur between tomorrow from 6am to noon SLT.

Index

Perspectives . . . . . Page 4
The Line . . . . . Page 5
Comics .. . . . . Page 7
Entertainment. . . . . Page 7
Photo Contest . . . . Page 8
Fashion . . . . . Pages 11-12
Art . . . . . Page 15
Sports . . . . . .Page 16

Web Poll

Go to our website at www.metaversemessenger.com to participate in our online poll.
This week's question:
"Should Linden Lab sell Linden dollars?"
Look for the results from last week's poll on Page 4.

About Us

Volume 1,
No.39
Second Life
The Metaverse Messenger
Sido (169, 195)

M² The Metaverse Messenger

A REAL NEWSPAPER FOR A VIRTUAL WORLD

Tuesday, May 9, 2006 A Second Life Publication Free

Adobe Reader - [MM-2006-04-25.pdf]
File Edit View Document Tools Window Help
Save a Copy Search Select 126% Help
YAHOO! TOOLBAR Get it free
Pages Attachments Comments

ZACK MORTAL HOSTED A class titled "Introduction to Library Research" yesterday at the new Second Life Library 2.0. The class covered the fundamentals of using real-life online library resources. Mortal covered how to use library catalogs, subject headings to improve searches; use research databases to locate articles and more. - **COURTESY PHOTO.**

Reading is virtually fundamental in SL

By KATT KONGO
Staff writer

While most Second Life residents are aware of the variety of ways in which SL is used, from educational classrooms to treatment of mental illnesses, most would be surprised to learn that SL is now being used by an institution most think of as conventional — a library.

To be more exact, the Alliance Library System (ALS) is currently providing select services to the residents of SL. Initial services have, so far, consisted of book discussions and programs, such as one held Friday on the topic of "Getting Along with IT staff for Librarians and Educators."

ALS, which is based in East Peoria, Ill., will team up with Online Programming for All Libraries (OPAL) and utilize the programs, currently offered online to librarians and libraries, within SL. The two entities eventually hope to offer a plethora of library services.

In a telephone interview, Kitty Pope, executive director for the ALS, said the goal of their programs within SL is to reach people who might not otherwise go to a library. In giving background information about the ALS, Pope said the organization provides services to 286 libraries and is partially funded by the state of Illinois.

She added that ALS is one of the most innovative organizations, technologically speaking, and their philosophy is to mine new technologies to spread the gospel of library usage. "Innovation equals risk, innovation equals growth," she stated.

Lori Bell, the ASL's director of innovation, read about SL in the blog of a librarian who was already a resident. She created an account, logged on with her avatar, Lorelei Junot, and saw a population of almost 200,000.

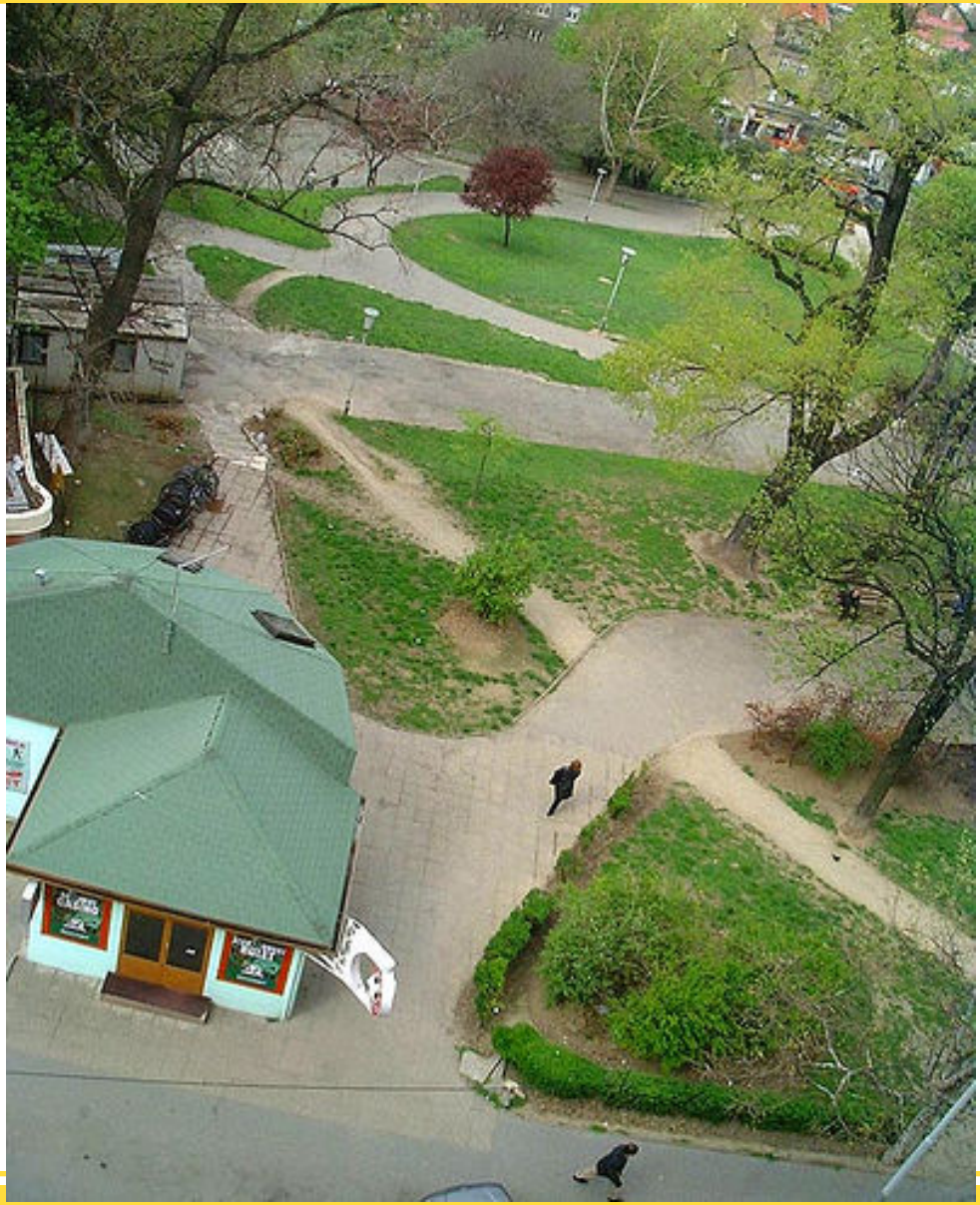
She found that SL had a few libraries, such as Wandering Yaffle's _blacklibrary, but thought that library services could be expanded. "Since there is web programming through OPAL, why not offer that in SL?" she said.

Librarians from all over the country are gathering in SL to assist in setting up the virtual library. In fact, Pope expected criticism from many library blogs, but instead has found those in the field to be immensely excited about the possibilities afforded by SL.

Bell concurred, saying, "The response has been enthusiastic. People are volunteering and doing a

See BOOK, Page 20

1 of 21
start The Metaverse Mes... Metaverse Messen... Web 2.0 Overview ... Active Worlds - VBI ... MM-2006-04-25.pdf 9:38 PM



Let's Take a Look...

SirsiDynix institute
grow your skills

INFOhio
Ask A Librarian?

Username
Password
Create New Account
Login

Room Contributors | About Rooms | Home | Print | Help

Explore A Subject

- HOME
- Elementary
  - Earth Science
  - US History
- Middle School
- High School
- Parent Guide

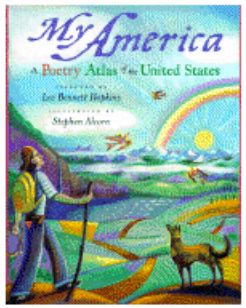
How Do I...

- Learn About Dinosaurs?
- Use a Library?
- Learn About Earthquakes?
- Explore Space?
- Research Wars?
- Study the Presidents?
- Write a Report?
- Look at a Map?

Everything
Search
Advanced Catalog Search >>

HOME -> Elementary
Browse History

Check It Out



My America
Poetry is fun and even better when you can learn more about the United States and its regions by reading the poetry in this book! Included are fun facts, colored maps and pictures while you travel through each state.

- What's a Poem?
- Poetry Ideas!
- Giggle Poetry

The US and its Neighbors

Cool Links

Funology
Check out the fun trivia, activities, crafts, jokes, and experiments at this site.

Cool Science for Curious Kids
Explore science with the fun games on this site!

Wayback Technology 1900
See what kinds of technology people had in 1900!

- Look at a Map?
- Learn About the Seasons?
- Research Folk Tales?

Try This!

The US and its Neighbors

Map of North America

This map shows the countries, that make up the continent of North America. (Image and text taken from The Hutchinson Children`s Encyclopedia © Research Machines, plc 2005).

Previous Next

Content taken from © *Research Machines* plc [2005].

Learn More About...

Watch, Listen, or Discover new and exciting things about people, places and events you want to know more about with the guides below!

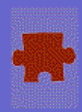
Earth Sciences

Discover the world around you with our Earth Sciences Room. Here you'll find information on the oceans, rocks, maps, weather, and the solar

Fun & Games

History Mystery
Follow the clues to solve the mystery!

NASA Games
Learn more about the Earth and beyond through games.



A Game a Day
Choose a puzzle, memory, word or strategy game here!

Who's That?

Apollo 11 astronauts Neil Armstrong, Michael Collins, and Buzz Aldrin wear biological isolation garments put on within their spacecraft. (Text taken

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INFOhio
Ask A Librarian?

Middle School

Username
Password
Create New Account
Login

Room Contributors | About Rooms | Home | Print | Help

Explore A Subject

- HOME
- Elementary
- **Middle School**
  - Earth Science
  - US History
- High School
- Parent Guide

How Do I...

- Learn About the Civil War?
- Learn About the Government?
- Explore Stars and Galaxies?
- Learn About Latitude?
- Visit the Statue of Liberty?
- Learn About Volcanoes?
- Discover Prehistoric Animals?
- Learn About Weather Safety?
- Discover Important Women?
- Listen to Famous Speeches?

Try This!

Everything | Search

Advanced Catalog Search >>

HOME -> Middle School *Browse History*

Check It Out

Earth Rocks!

Earth provides a natural playground that really rocks! Rock climbing is a popular hobby that takes advantage of this natural resource. Discover the exhilaration of scaling a mountainside or cliff while enjoying what this earth has to offer.

- Rock Climbing Safety
- Natural Climbing Sites
- ABC's of Rock Climbing

Weather Works

Weather Balloon

Cool Links

Eyewitness to History
Learn about history from people who were actually there!

The World of the Vikings
Are you curious about what it was like to be a Viking? Get the answers to all your questions here.

Fact Monster
If you're interested in geography, this is an awesome site for you!

Fun & Games

Ask Dr. Universe
Ask Dr. Universe your most curious science questions.

Funology
Who says science can't be fun? Enjoy the science of

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grow your skills

INFOhio
Ask A Librarian?

Username
Password
Create New Account
Login

Room Contributors About Rooms | Home | Print Help

Explore A Subject

- HOME
- Elementary
- Middle School
- High School
  - Earth Science
    - Geologic History & Time
    - Rocks & Minerals
    - Atmosphere & Weather
    - Earth's Changing Interior
    - Earth's Changing Exterior
    - Mapping
    - **Earth Science & Space**
      - Earth's Moon & Movement
      - Seasons
      - Sun & Stars
      - Earth's Solar System
      - NASA & Space Exploration
  - US History
- Parent Guide

How Do I...

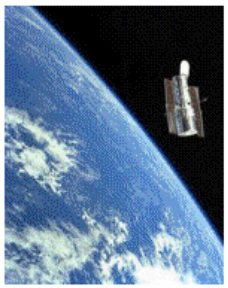
- Study Relative Dating?

Everything | Search

Advanced Catalog Search >>

HOME -> High School -> Earth Science -> Earth Science & Space *Browse History*

Check It Out



Hubble Space Telescope

The Hubble Space telescope orbits (circles) the Earth at a height of about 600 kilometers (375 miles). Since it was launched in 1990, astronomers have used it to collect information that helps them work out the age of the universe and how fast it is expanding. (Text taken from the Hutchinson Children's Encyclopedia © Research Machines, plc 2005.)

- Hubble Telescope
- Expanding Universe
- Edwin Hubble

The Amazing Sun - Our Star

Cool Links

Radioactive Decay
Click on the buttons to see different types of decay in action.

Carbon 14 Calculator
Type in a year to calculate how much carbon 14 is left.

Radiocarbon Dating
Watch these short movies to learn more about carbon dating.

Fun & Games

Geology Rocks!
Take this quiz and test your geology knowledge.

Science Trivia
Click and see how much you know about geology, geography and hydrology!

Space Trivia

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INFOhio
Ask A Librarian?

PARENT GUIDE

Username
Password
Create New Account
Login

Room Contributors | About Rooms | Home | Print | Help

Explore A Subject

- HOME
- Elementary
- Middle School
- High School
- **Parent Guide**
  - Elementary
  - Middle School
  - High School

How Do I...

- Deal with My Teen Dating?
- Know if My Child Has ADD?
- Help My Teen Stay Healthy?
- Help My Child with Anxiety?
- Learn about Extracurriculars?
- Talk to My Child's Teacher?
- Prepare My Teen for College?
- Learn Computer Skills?
- Find Science Fair Ideas?
- Teach Testing Strategies?

Try This!

Everything | Search

Advanced Catalog Search >>

HOME -> Parent Guide | *Browse History*

Check It Out

Homework Helper

Visit this site for tips on helping your kids with homework while maintaining your sanity.

- Math Help
- Science Help
- English Help

Learn More About...

Watch, Listen, or Discover new and exciting things about people, places and events you want to know more about with the guides below!

Choosing A College

There is much to consider when trying to choose a college. How do you know which classes and tests your child should take or how much is it going to

Back to Basics

Elementary Math Terms
What is that symbol called? Find out here.

Middle School Terms
Visit this glossary of mathematical terms.

High School Terms
Learn about terms from Algebra I to Calculus

Related Topics

Related Topics

Public Schools
Homeschooling
Private Schools
Parochial Schools

Related Subjects

SirsiDynix institute
grow your skills

About INFOhio | About Rooms | Home | Print | Help

Bin Laden | Everything | Search

Advanced Catalog Search >>

HOME | Browse History

Explore A Subject

HOME
- Elementary
- Middle School
- High School
- Parent Guide

See Results In

- Library Catalog
- Curriculum Resource Catalog
- Cuyahoga County
- Databases
- The Web

Search Results via RSS

Search **Everything** for "Bin Laden" XML

Icon Legend

- Cassette
- Audio CD
- Book
- DVD
- Large Print Edition
- LP Recording
- Electronic Resource
- Filmstrip

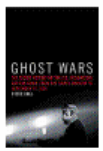
Library Catalog

Frontline [web site] : hunting Bin Laden
Public Broadcasting Service (U.S.) (2001)
1 copy available at Available

Osama bin Ladin and al-Qaida [web site]
International Policy Institute for Counter-Terrorism. (2001)
1 copy available at Available

Osama bin Laden : a war against the West
Landau, Elaine. (2002)
2 copies available at Available

Ghost wars : the secret history of the CIA, Afghanistan, and bin Laden, from the Soviet invasion to September 10, 2001
Coll, Steve. (2004)
1 copy available at Available



Bin Laden : the man who declared war on America
Bodansky, Yossef. (2001)
1 copy available at Available

Curriculum Resource Catalog

Osama bin Laden
c2001.

Osama Bin Laden
2001.

The evolution of modern terrorism
2002.

In search of Bin Laden
2001.

Osama Bin Laden
Garcia, Rich. 2002.

See (7) more >>>

Databases

The American Taliban
BritannicaAmerica

BritannicaAmerica
100 Results

Rooms - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Search Favorites

Address http://bpldemo.schoolrooms.net/rooms/portal/page/Sirsi_HOME

Go Links

Google Go Bookmarks 9 blocked Check Look for Map AutoFill Send to Settings

Adobe Search Save to My Web Yahoo! Mail My Yahoo! Sign in Games Finance Personals Answers Music

Boston Public Library

SCHOOLROOMS

Explore. Discover. Learn

Username

Password

Login

About BPL | Ask a Librarian | Home | Print | Homework Help

Explore a Room

Home

- Elementary
- Middle School
- High School
- Parent Guide

How Do I...

- Learn About the Solar System?
- Learn About Rocks?
- Study Geologic History?
- Help My Child With Homework?
- Learn About the Weather?
- Study the Earth's History?
- Learn About Special Needs?
- Use Topographic Maps?
- Teach My Child about Fitness?
- Help My Child with Research?

Try This...

Everything Search

Home *Browse History*

Back to School? Discover SchoolRooms

It is that time again - BACK TO SCHOOL and that means back to homework, back to learning, and with the new SchoolRooms website BACK TO FUN! Learning about the moon, dinosaurs, Abraham Lincoln, or the Civil War? No problem - we've got you covered! Better yet - put in a search term and search books, magazine articles, websites and more with just one click!

- I am in Elementary
- I am in Middle School
- I am in High School

What Is...

Boston Public Library

Select a Location

Central Library

Phone:(617) 536-5400
Email: info@bpl.org

Monday-Thursday 9-9
Friday and Saturday 9-5
(closed Sundays during the summer)

Directions

700 Boylston Street, Copley Square. Boston, MA. The Central Library is on the corner of Exeter and Boylston Streets.
Click Here for Directions.

Library Information

Get a Library Card GO

Done Internet

start SLA Hawaii State Rooms - Microsoft Int... Search with Google 11:49 PM

Rooms - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Search Favorites Links

Address http://destiny.sirsi.net:8088/rooms/ Go

SU est. 1819

Southern University Library

ROOMS

Username
Password
Create New Account Login

Ask A Librarian | About Rooms | Home | Print | Help

Explore a Room

- Home
- Audiences
- Careers & Employment
- Entertainment Room
- Family Health & Fitness
- Food & Drink
- Genealogy & Family History
- Home Improvement
- Parenting
- Personal Finance & Investing
- Reading Room
- Reference
- Travel & Tourism

How Do I...

- Study for the LSAT?
- Find a Mentor?
- Study Abroad?
- Choose a Style Guide?
- Create My Own Website?
- Find Graduate School Rankings?
- Research Literature?
- Improve My Grammar?
- Find Online Calculators?
- Prepare for an Interview?

Campus Libraries

SPECIAL COLLECTIONS

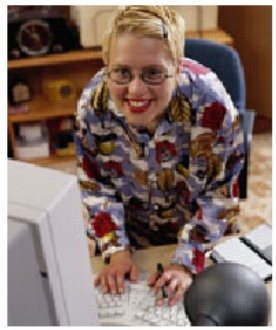
Business Library

Everything Search

Advanced Catalog Search >>

Home *Browse History*

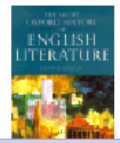
Ask a Librarian



Reference Help
The librarians of SU Library are here to help you! Not only do we have reference librarians available for your assistance during library hours, but you can also contact a librarian via email or virtual chat. ...More

- Chat with a Librarian
- Virtual Reference Shelf

Staff Picks



Oxford History of English Literature
The Short Oxford History of English Literature, 2e provides a comprehensive beginner's guide to the literature of the British Isles from the Anglo-Saxon period to the present day in one volume. ...More

Library Highlights

Select a Location
Main Campus Library

Phone:555-555-5555
Fax: 555-555-9999
Email: contact@lib.edu

MON - THUR - 12AM to 11PM
FRI - 12AM to 6PM
SAT - 12AM to 5PM
SUN (Sept. to May) - 1PM to 5PM

Directions
The library is located on O'Fallon Road between That Road and Lois Lane.
Map and Directions

Featured Services
Reference Services GO

My Library Account

Renew My Materials
My Items on Hold
View My Fines
Review My Library Account

Research Help

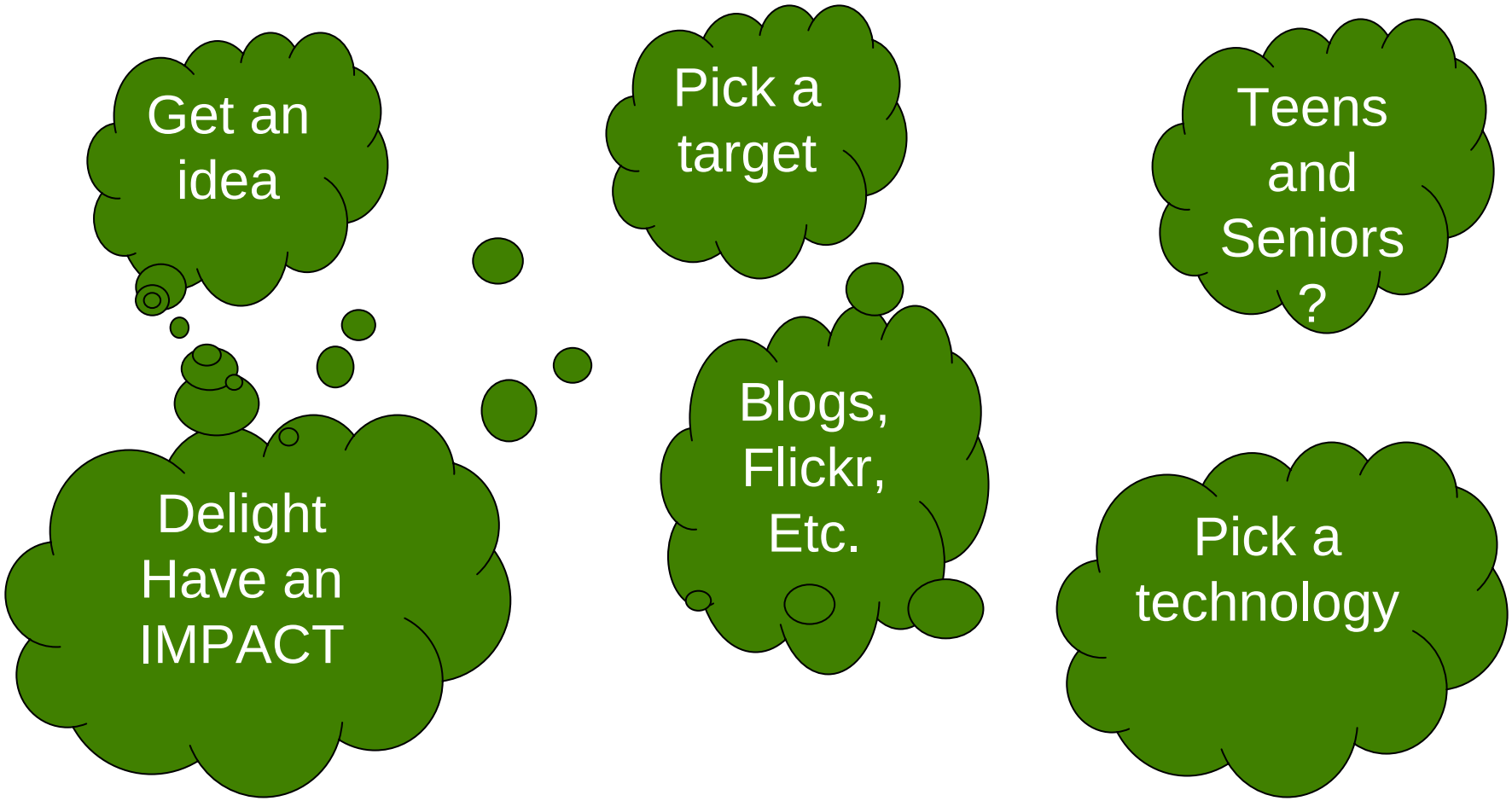
Subject Guides

Done Internet

WEB 2.0

- RSS – really simple syndication
- **Wikis**
- New Programming Tools: AJAX, API
- Blogs and blogging
- Recommender Functionality
- Personalized Alerts
- Web Services
- Folksonomies, Tagging and Tag Clouds
- Social Networking
- Open access, Open Source, Open Content
- Screencasting
- Commentary and comments
- Personalization and My Profiles
- Podcasting and MP3 files
- Streaming Media – audio and video
- User-driven Reviews
- Rankings & User-driven Ratings
- Instant Messaging and Virtual Reference
- Photos (e.g. Flickr, Picasa)
- Socially Driven Content
- Social Bookmarking

What Does It Look Like?



Once more with *feeling*

Libraries core skill is not delivering *information*

Libraries improve the quality of the *question*

Librarian 2.0 *plays*

43 Things - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Search Favorites

Address http://www.43things.com/ Go Links

Google 43 things Search PageRank 709 blocked Check AutoLink AutoFill Options 43 things

Home | Zeitgeist | Log In | Search GO

43 Things

What do you want to do with your life?

I want to do this

215,920 people in 4,879 cities are doing 331,085 things including...

learn to skateboard | finish my masters degree | download the new episode of 24 | go to Greece | smoothcharliebrown wants to attend a Soccer World Cup game | learn french | Drop a dress size (or two!) | Clean my room and maintain it. | dye my hair blonde | find the meaning of life | have my own garden | be more creative | google myself | yesterdayshigh wants to do something small to make everyday worthwhile | Become more focused | play Mario Brothers 3 | download msn plus | make an ATC each day | Have friends everywhere. | learn to trust | take dance lessons | Organize and Systematize all of my digital data | make people understand that declawing a cat is a painful unnecessary surgery and there are better ways to deal with cat's scratching | talk to a stranger | read The Lion The Witch and the Wardrobe | stop biting my nails | organize my life better | practice on my bass more | learn gaelic | tekeo wants to do better in ict and english | find a new job | think and grow rich | Become a better public speaker | Stop screwing around on the internet | learn english | lose 50 pounds | GET MY GRAD SCHOOL APPLICATIONS TOGETHER!!! | lose 20 pounds and keep it off | meet johnny depp | stop exercise more |

Discover what's important, make it happen, share your progress. Find your 43 things. Learn more...

Top Cities

- Seattle 1090 people
- New York City 791 people
- London 779 people
- Chicago 737 people
- San Francisco 595 people
- Los Angeles 562 people
- Toronto 500 people
- Boston 406 people
- Vancouver 385 people
- Austin 366 people
- Portland 365 people
- Atlanta 361 people
- Sydney 320 people
- Houston 317 people
- San Diego 301 people

→ See more

Today's Tags

- travel 4299

Expanding Minds, Empowering Individuals, Enriching the Community

PLCMC

Learning 2.0

23 Learning 2.0 Things

- *Week 1: Introduction* (official start of week August 7th)
- *Week 2: Blogging*
- *Week 3: Photos & Images*
- *Week 4: RSS & Newsreaders*
- *Week 5: Play Week*
- *Week 6: Tagging, Folksonomies & Technorati*
- *Week 7: Wikis*
- *Week 8: Online Applications & Tools*
- *Week 9: Podcasts, Video & Downloadable audio*

I've got my tinfoil hat on

We librarians must learn that when we study something to death, *Death was not our original goal*.

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