

Computer Science E-1

Lecture 7: Privacy and Design

Malware

Viruses

Melissa Virus

Worms

Botnets

DDoS

Conficker

ILOVEYOU

Spyware

Keyloggers

Trojan Horses

Adware

Anti-Malware

Passwords

Dictionary Attack

Password Safes

Hashing Passwords

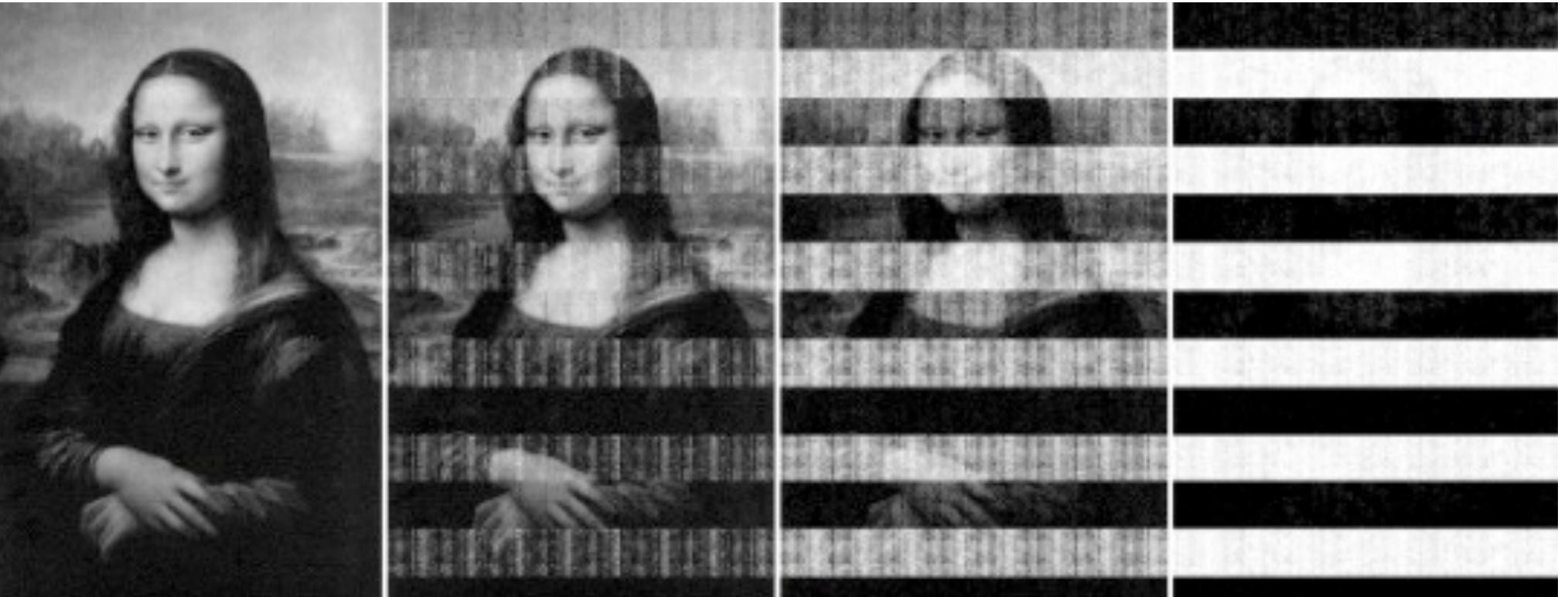
MD5, SHA-1

Deleting Files

DBAN

Disk Encryption

Cold Boot Attack



<http://youtu.be/JDaicPlgn9U>

Authentication

Sign in with your existing account



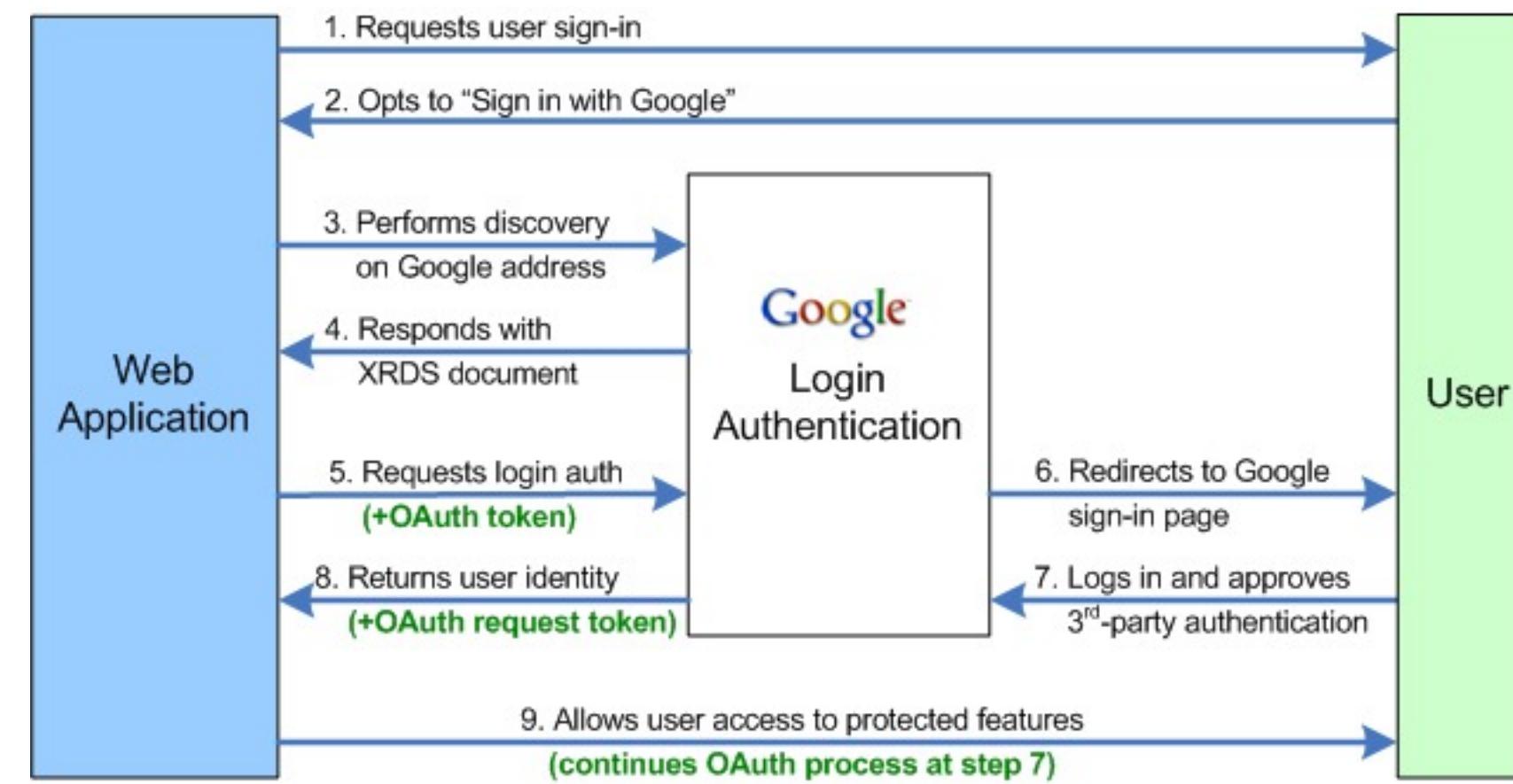
Facebook



Windows Live ID



OpenID



Authorization

OAuth

You can use your Twitter account to sign in to other sites and services.
By signing in here, you can use Twitpic without sharing your Twitter password.

Authorize Twitpic to use your account?

This application **will be able to**:

- Read Tweets from your timeline.
- See who you follow, and follow new people.
- Update your profile.
- Post Tweets for you.

Sign In

Cancel

This application **will not be able to**:

- Access your direct messages.
- See your Twitter password.



Twitpic

By Twitpic Inc
twitpic.com

Share photos on Twitter with Twitpic

[← Cancel, and return to app](#)

Cookies



Gartner
Box Gets Highest Rating for Enterprise File Sync & Sharing [New Gartner MarketScope](#) [GET REPORT](#)



BLUE FOUNTAIN MEDIA
springing ideas to life

April
24

**How To Get Started
With
Display Remarketing**
Free Webinar on April 24th

Reserve Your Spot

g +1



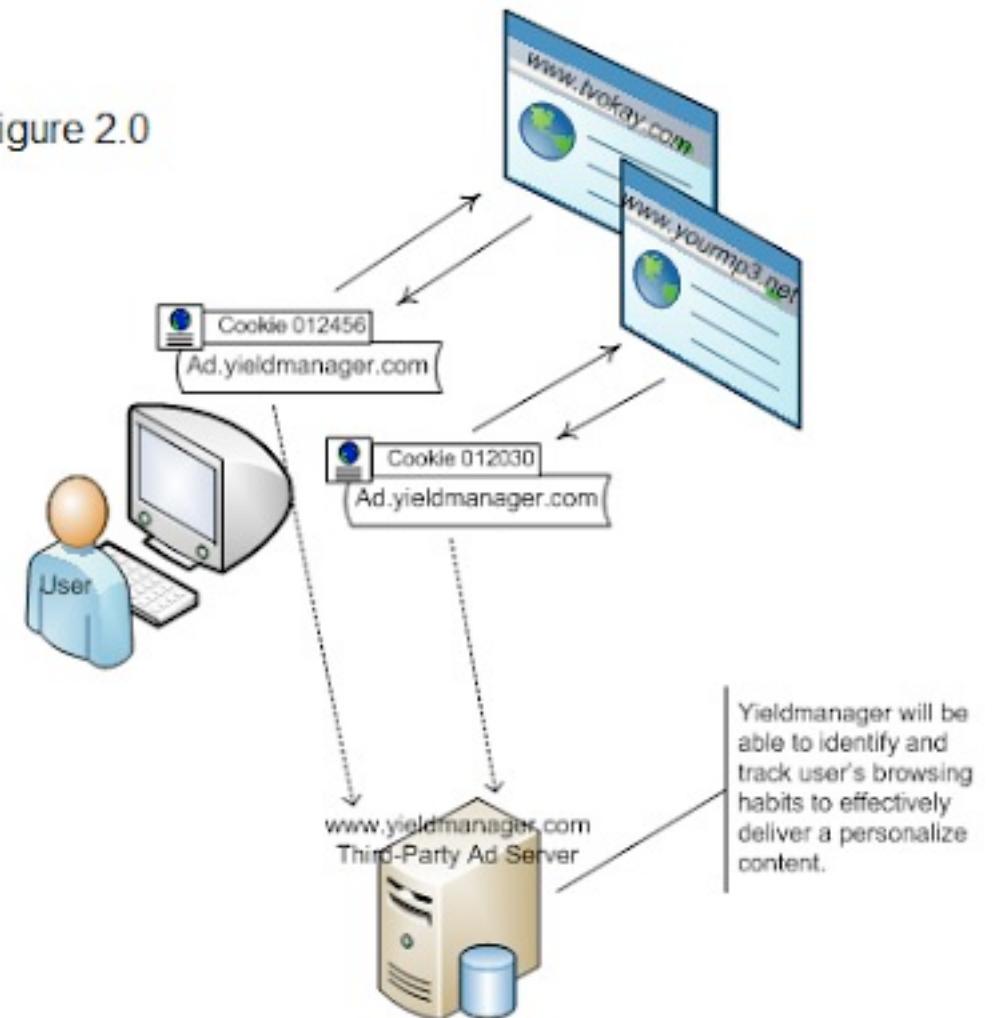
MAY 25
2013
CITY HALL
PLAZA

BOSTON CALLING
MUSIC FESTIVAL
PRESENTED BY
jetBlue

FUN. • THE NATIONAL
THE SHINS • OF MONSTERS AND MEN
YOUNG THE GIANT • MARINA AND THE DIAMONDS
ANDREW BIRD • MATT & KIM
MORE

TICKETS ON SALE NOW

Figure 2.0



[http://arstechnica.com/business/
2013/02/firefox-22-will-block-third-
party-cookies/](http://arstechnica.com/business/2013/02/firefox-22-will-block-third-party-cookies/)

Logs

| 73.194.43.14 - - [31/Mar/2013:03:39:26
+0000] "GET / HTTP/1.1" 200 |2908 "-"
"Mozilla/5.0 (Windows NT 6.1;
WOW64) AppleWebKit/534.57.2
(KHTML, like Gecko) Version/5.1.7
Safari/534.57.2"

| 73.194.43.14 - - [31/Mar/2013:03:39:26
+0000] "GET / HTTP/1.1" 200 |2908 "-"
"Mozilla/5.0 (Windows NT 6.1;
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Safari/534.57.2"

| 73.194.43.14 - - [31/Mar/2013:03:39:26
+0000] "GET / HTTP/1.1" 200 |2908 "-"
"Mozilla/5.0 (Windows NT 6.1;
WOW64) AppleWebKit/534.57.2
(KHTML, like Gecko) Version/5.1.7
Safari/534.57.2"

User Agent

157.166.226.25 - - [31/Mar/2013:03:39:47
+0000] "GET /cats HTTP/1.1" 200 37813
"- "Mozilla/5.0 (Macintosh; Intel Mac OS
X 10_8_3) AppleWebKit/537.31
(KHTML, like Gecko) Chrome/
26.0.1410.43 Safari/537.31"

Netscape, Mosaic

WebKit, KHTML, Gecko

[http://webaim.org/blog/user-agent-
string-history/](http://webaim.org/blog/user-agent-string-history/)

Analytics

[Analytics Settings](#) | [View Reports](#): Click to select Website Profile**Dashboard**[Saved Reports](#)**Visitors****Traffic Sources****Content****Goals****Ecommerce****Settings**[Email](#)**Dashboard**[Export](#)[Email](#)

Jan 1, 2010 - Jan 31, 2010

**Site Usage****16.107** Visits

Dec 1, 2006 - Dec 31, 2006: 13,209 (21.94%)

3.86 Pages/Visit

Dec 1, 2006 - Dec 31, 2006: 4.08 (-5.37%)

36.81% Bounce Rate

Dec 1, 2006 - Dec 31, 2006: 35.98% (2.30%)

62.142 Pageviews

Dec 1, 2006 - Dec 31, 2006: 53,855 (15.39%)

00:03:22 Avg. Time on Site

Dec 1, 2006 - Dec 31, 2006: 00:03:31 (-4.27%)

50.44% % New Visits

Dec 1, 2006 - Dec 31, 2006: 49.73% (1.42%)

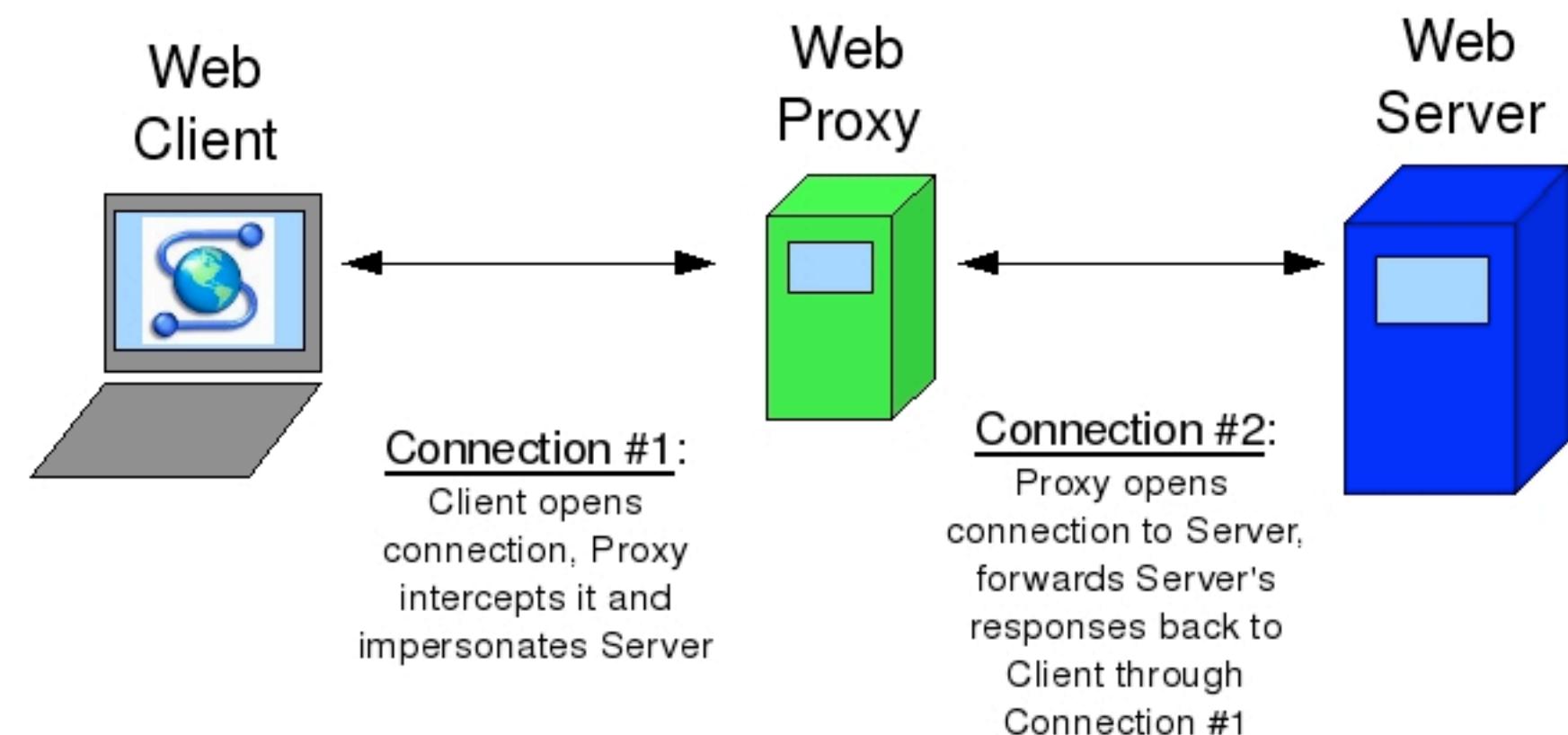
Visitors Overview**10,160****Traffic Sources Overview****Map Overlay world****Browsers**

Browser	Visits	% visits
Internet Explorer	13,136	81.55%
Firefox	2,349	14.58%
Safari	393	2.44%
Netscape	116	0.72%
Opera	55	0.34%

A/B Testing

Protecting Privacy

Proxy Server



Switching User Agents

Settings

General

Overrides

Shortcuts

On

- Firefox 4 — Windows
- Firefox 4 — Mac
- Firefox 14 — Android Mobile
- Firefox 14 — Android Tablet
- Chrome — Android Mobile
- Chrome — Android Tablet
- ✓ iPhone — iOS 5
- iPhone — iOS 4
- iPad — iOS 5
- iPad — iOS 4
- ✓ Android 2.3 — Nexus S
- Android 4.0.2 — Galaxy Nexus
- BlackBerry — PlayBook 2.1
- BlackBerry — 9900
- BlackBerry — BB10
- MeeGo — Nokia N9
- Other...

Mozilla/5.0 (iPhone; C

x 960 — ↗

TrueCrypt

GPG

☆ ● Stephen Shankland ⚡ ----BEGIN PGP MESSAGE---- Version: GnuPG v1.4.1 9:44 PM (1 hour ago)

☆ ● Stephen Shankland ⚡ to

[show details](#) 9:49 PM (1 hour ago)

 Reply

-----BEGIN PGP MESSAGE-----

Charset: UTF-8

Version: GnuPG v1.4.10 (MingW32)

Comment: Using GnuPG with Mozilla - <http://enigmail.mozdev.org/>

```
hQIOA/vFdWleswPLEAf+OaX2kn/NMxvESUpJHGIpLEHSbTT04FfRI++Elp6yMH8I  
5m4zdtQyHwyusDsPnIQe4jP0WUgbPbu9fqGL1VDId+LLE7MHoDN1dyvkejrrLMgo  
K9V6g/IgB6Dv/Trfqz4Qtcbx32QmpmVPAja+qzuEm3ONk3IkXT5uyMNQIG4PbkuX  
Vb+kwVT7JiLH+DkwmsVVWsk+yV8qKRDP8tB9JnwSW5NADza+t5mQyespV2dA3IEU  
CtXGiq65qaXWyuYmy3J6612U3FZ0ctaN3XyFYxiATjld4j0ayyq+ZVpU/nexW//  
NuCQ9beFU0QFBKvgBC2bL6yrsPSXIhiqli0+VfDw1Af/fnt8QTsFFLAi043yjr+D  
COF/PU6T4SZBw53Vif12C5ut/E0nj25qt4XZSoibZmNOfNNUMXwmyW1CRz2GPRik  
BJQKzQSc+fXI2zzMWYYiOqWi5+zfrZlz56q/BXnGkm3rwr8LxU96gMFiidkdjpXm  
V0Z4FYG1c2/hxqxApWIEBavqjmCCK6SNFKErVNagVuQVcLOPQtk5ALkXQtwNOSxz  
6HFUbEahs5usxOP2zGuKRHySAhxlr6ick3TljiUJFiec9rEU9b6UG55jfFljFoa
```

Hacking

“To programmers, “hacker” connotes mastery in the most literal sense: someone who can make a computer do what he wants —whether the computer wants to or not.”

Cracking

DMCA

Copyright

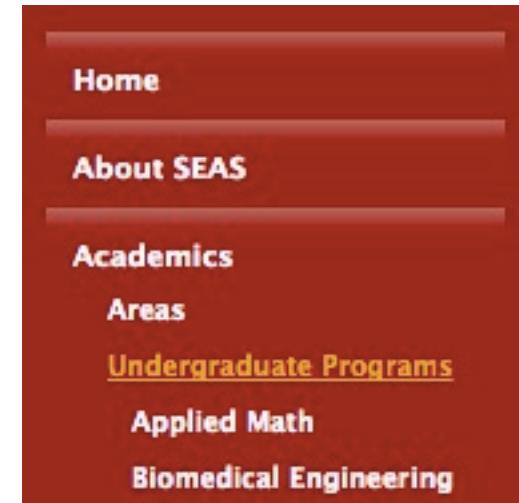
DRM

Design

CRAP

Contrast
Repetition
Alignment
Proximity

Contrast



Undergraduate Programs

Degrees in applied mathematics, biomedical engineering, computer science, and engineering sciences; secondary fields in mathematical sciences and computer science

In keeping with our emphasis on broad-minded learning we've designed programs and courses that cater to students at multiple levels and fully incorporate laboratory research.

BLACK
& WHITE

Repetition



+Tommy **Search** Images Maps Play YouTube News Gmail Drive Calendar More ▾

Alignment



Luke Skywalker totally just saved a PRINCESS. think i might have a chance 2...weird i kno, but a guy can dream

12 minutes ago · Comment · Like



Obi-Wan Kenobi Uhhh, yeah. Probably best you guys just stay friends. Trust me on this one.

12 minutes ago · Delete



Luke Skywalker LOL! like a dude could hang out with a girl like that and not want to get some

11 minutes ago · Delete



Obi-Wan Kenobi Wow. Seriously, you should prob just stop talking about it.

11 minutes ago · Delete



Luke Skywalker ur just jelly cuz ur a ghost and cant tap that

11 minutes ago · Delete



Obi-Wan Kenobi She's your sister, bro.

11 minutes ago · Delete



Luke Skywalker wut.

11 minutes ago · Delete



Han Solo I AM SO IN.

11 minutes ago · Delete



Write a comment...

Rutgers Officials Long Knew of Coach's Actions

By STEVE EDER 10:43 PM ET

Interviews and legal records show that when the most senior Rutgers officials learned details about Mike Rice's behavior, they ignored them or issued light penalties.



In Shift, Police Offer New Advice in Facing Gunman

By ERICA GOODE

People at the scene of an attack are more likely to survive if they take an active stance, police departments say.

NEWS ANALYSIS

Confronting a Texas-Size Drought

By KATE GALBRAITH

In Texas, a state fabled for its everything-is-bigger mentality, the idea of conserving resources is beginning to take hold.



Union Views Loom Large in Los Angeles Mayor Race

By JENNIFER MEDINA

Two candidates struggle to court powerful labor unions and show independence from them at the same time.

- [Slide Show: A Delicate Dance for Candidates](#)

Ethnic Rifts Weigh on Myanmar's Progress

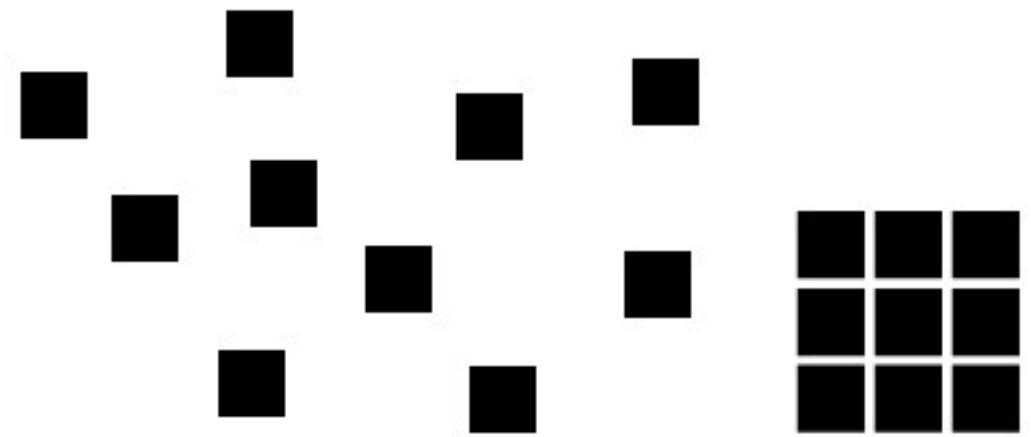
By THOMAS FULLER

The Kachin region offers a sobering reminder of the potent hatred between the majority Burman and ethnic minorities in the highlands.

- [Slide Show: Myanmar Grapples With Ethnic Tensions](#)



Proximity





ENTERTAINMENT

Major League Baseball: The Social Media Rundown

1.3K SHARES



TECH

6 Apps You Don't Want To Miss

Usability

Visibility of system status

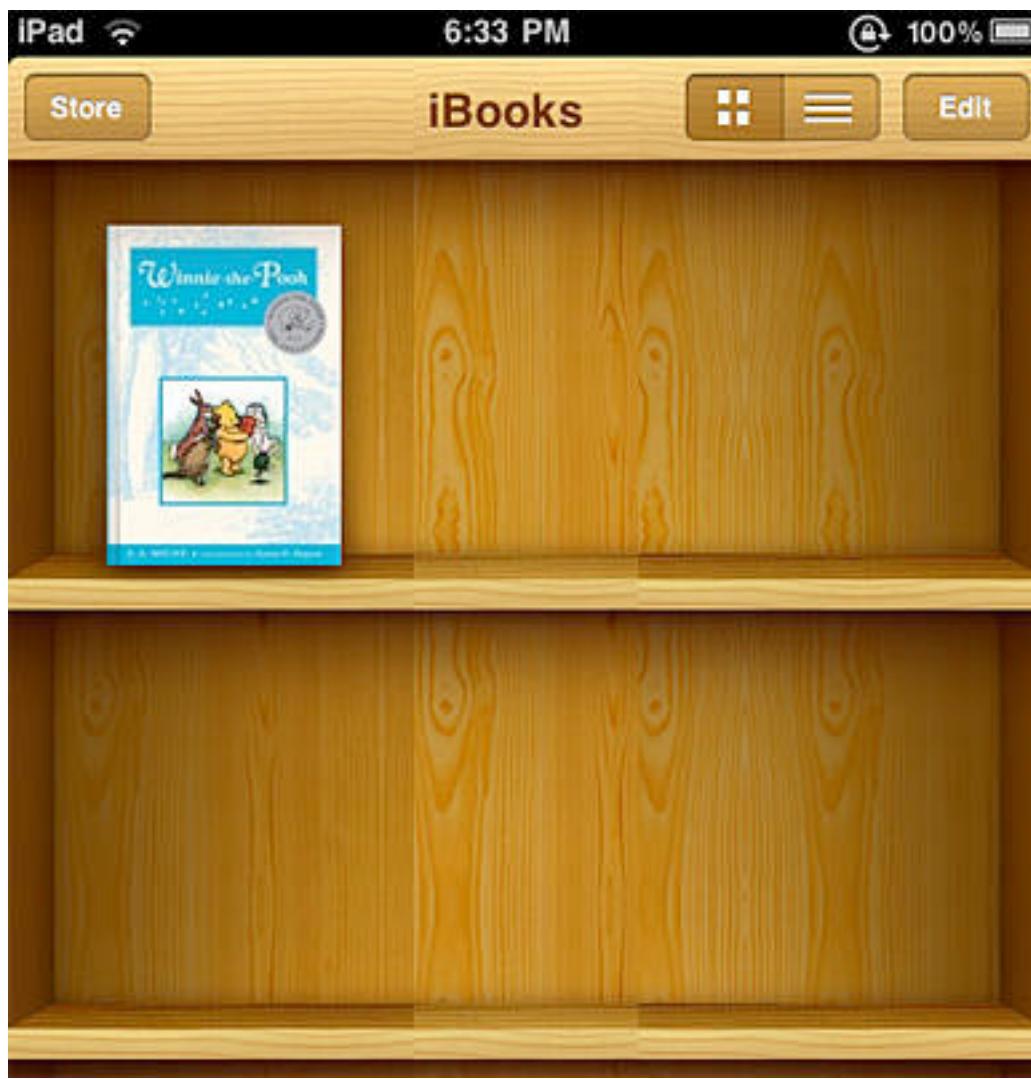


loading...



76% complete

Match between system
and real world



User control and freedom

Gmail [Calendar](#) [Documents](#) [Photos](#) [Reader](#) [Web](#) [more ▾](#)

jbruene@gmail.com | [New stuff in Labs!](#) |  [Settings](#) | [Older version](#) | [Help](#) | [Sign out](#)

Gmail™ by Google BETA

Search Mail Search the Web [Show search options](#)
[Create a filter](#)

Your message has been sent. [Invite jim to Gmail](#) [Undo](#) [View message](#)

[Compose Mail](#)

The 2009 Civic Hybrid - www.honda.com - 2009 Civic Hybrid is here. Get pics & info at the Official Honda Sponsored Link

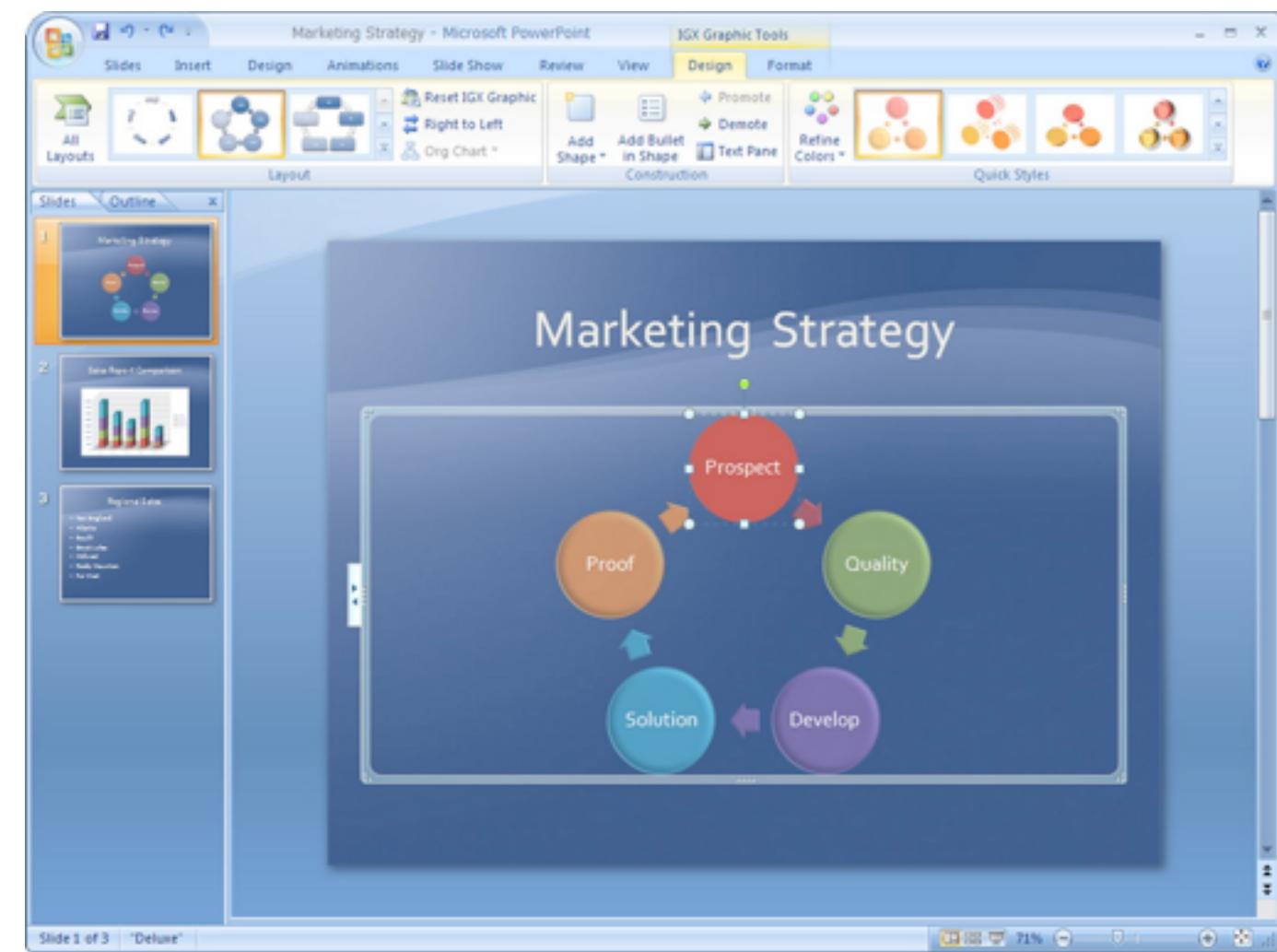
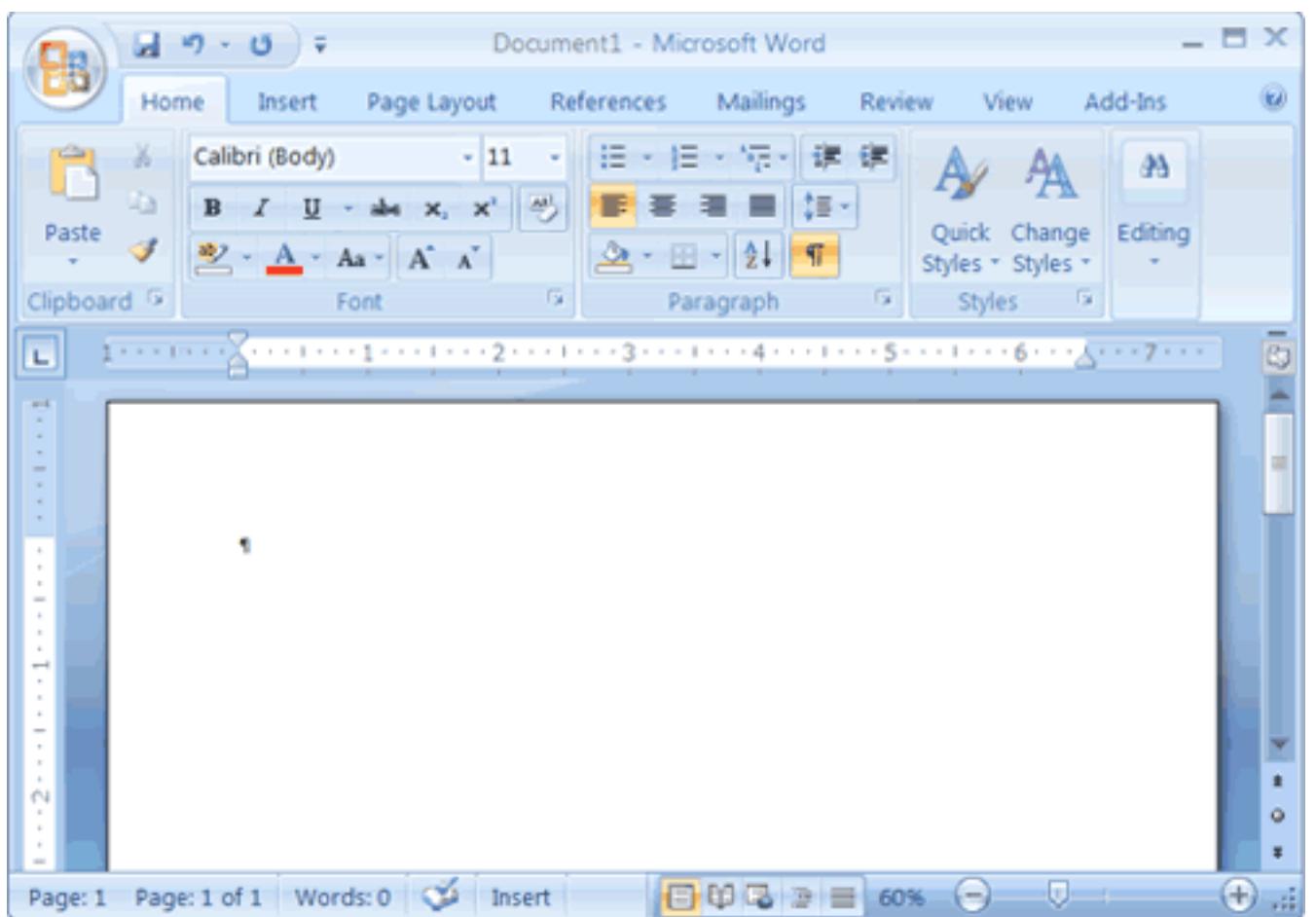
[Archive](#) [Report spam](#) [Delete](#) [Move to ▾](#) [Labels ▾](#) [More actions ▾](#) [Refresh](#) 1 - 50 of 143 [Older ▾](#) [Oldest ▾](#)

Select: All, None, Read, Unread, Starred, Unstarred

<input type="checkbox"/> Jim Bruene	test 2 - Jim Bruene, Editor & Founder Online Financial Innova	4:32 pm
<input type="checkbox"/> Jim Bruene	Testing unsend - Jim Bruene, Editor & Founder Online Finan	4:32 pm
<input type="checkbox"/> Buy.com	Dell 4GB Notebook, Samsung 24" w/ HDTV Tuner, Logite	Mar 23
<input type="checkbox"/> adwords-noreply	Google AdWords: AdWords billing information update -	Mar 20
<input type="checkbox"/> Jim Bruene	finovate flyer - Jim Bruene, Editor & Founder Online Financial	Mar 19
<input type="checkbox"/> Google AdSense	AdSense Newsletter: Two ways to connect with us - Goo	Mar 17
<input type="checkbox"/> Google AdSense	Introducing interest-based advertising - action required!	Mar 12

[Starred](#)
[Chats](#)
[Sent Mail](#)
[Drafts](#)
[All Mail](#)
[Spam \(49\)](#)
[Trash](#)
[Contacts](#)

Consistency and standards



Error prevention

Title (optional)

 Insert Photo



Tags (optional, comma separated)

Save Draft

[Cancel Post](#)

Preview

Publish Post

Recognition rather than recall

Gentium
GentiumAlt
Georgia
Gödduguf ßtð
Gödduguf ðWeð Pro
GILL FLORIATED CAPS MT STD
✓ Gill Sans
Gill Sans Std
Glypha LT Std
GoodDog
Gothic 13 Std
Goudy Bookletter 1911

Flexibility and efficiency of use

Keyboard shortcuts:spam

Compose and Chat

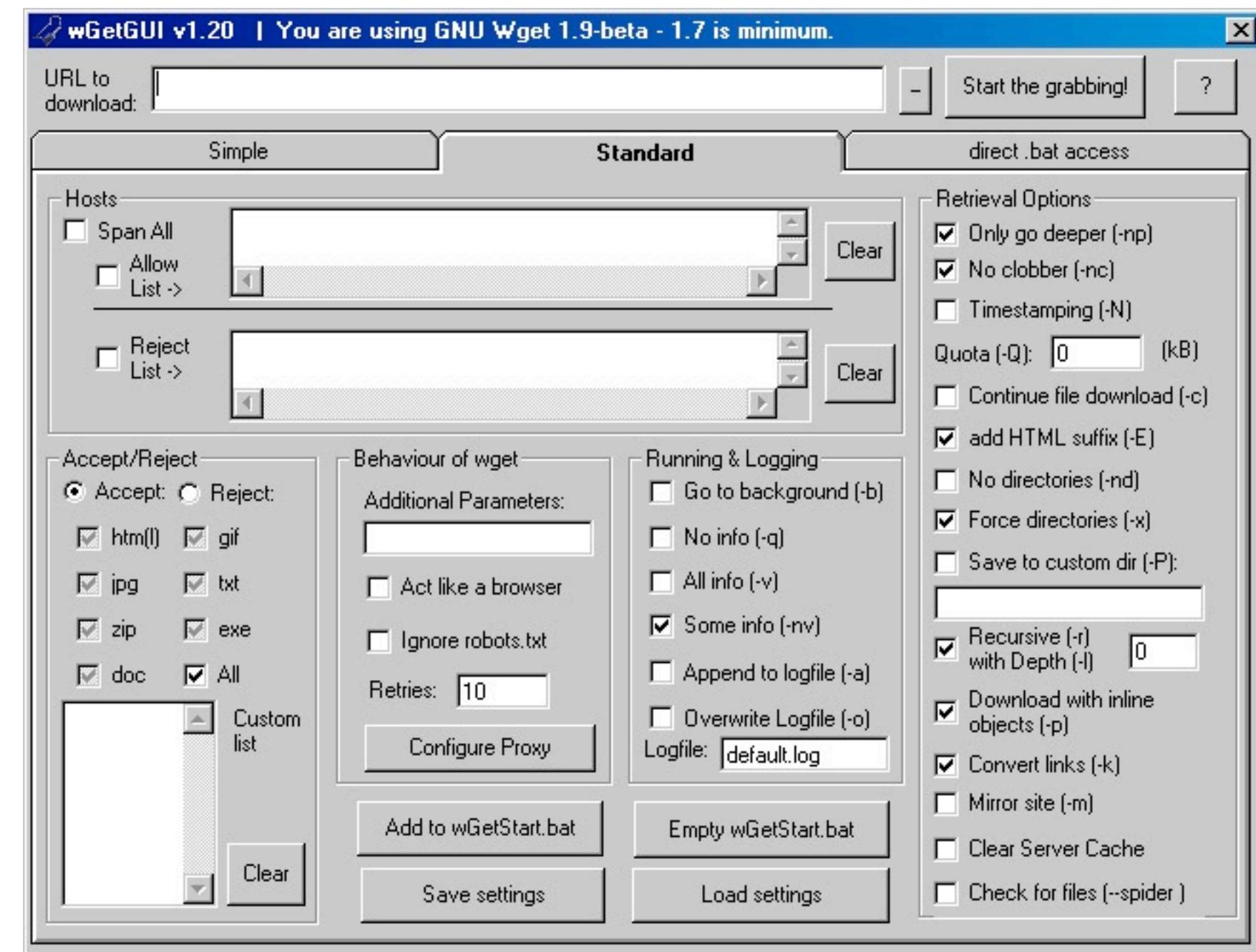
- <Shift> + <Esc> : Focus main window
- <Esc> : Focus latest chat or compose
- <%> + . : Advance to next chat or compose
- <%> + , : Advance to previous chat or compose
- <%> + <Enter> : Send
- <%> + <Shift> + c : Add cc recipients
- <%> + <Shift> + b : Add bcc recipients
- <%> + <Shift> + f : Access custom from
- <%> + k : Insert a link

(messages that have been in Spam more than 30 days will be automatically deleted)

Formatting

- <%> + b : Bold
- <%> + i : Italics
- <%> + u : Underline
- <%> + <Shift> + 7 : Bulleted list
- <%> + <Shift> + 8 : Numbered list
- <%> + <Shift> + 9 : Quote
- <%> + [: Indent less
- <%> +] : Indent more
- <%> + <Shift> + l : Align left
- <%> + <Shift> + e : Align center
- <%> + <Shift> + r : Align right

Aesthetic and minimalist design



Help users recognize, diagnose, and
recover from errors

create a new account

Your Email

not an email



Please use a valid email address.

Confirm Email

neither is this



This does not match the email entered above.

Country

United States



Zip Code

12345

OK

SCHENECTADY, NY

Password

••••



Your password must be between 6-16 characters long.

Confirm Password

•••••



This does not match the password entered above.

Yes, I agree to the [Terms of Use](#)

Sign Up

Help and documentation

Typography

Serif (Minion Pro)

- Old Style (Adobe Jenson Pro)
- Transitional (ITC New Baskerville)
- Modern (Bodoni)

Slab Serif (Clarendon)

Sans serif (Myriad)

Script (Coronet)

Blackletter (Teutonic No. 1)

DISPLAY (LiquidCrystal)

Monospaced (Courier)

♣♦■☀️✿▼ (ITC Zapf Dingbats)

(Dingbat)

cats!

SERIFS

cats!

NOT-SERIFS

Serif (Minion Pro)

- Old Style (Adobe Jenson Pro)
- Transitional (ITC New Baskerville)
- Modern (Bodoni)

Slab Serif (Clarendon)

Sans serif (Myriad)

Script (Coronet)

Blackletter (Teutonic No. 1)

DISPLAY (LiquidCrystal)

Monospaced (Courier)

♣♦■☀️✿▼ (ITC Zapf Dingbats)

(Dingbat)

A helicopter is a

The diagram illustrates the five lines of a font for the word "A helicopter is a". The lines are represented by horizontal dashed lines with red arrows indicating their height relative to the baseline:

- Baseline:** The bottom-most horizontal line.
- Cap height or cap line:** The top-most horizontal line, indicated by a red arrow pointing down from the top of the 'A'.
- X height or midline:** A horizontal line positioned in the middle, indicated by a red arrow pointing up from the bottom of the 'i' and down from the top of the 'x'.
- Ascender height or topline:** A horizontal line positioned above the X height, indicated by a red arrow pointing down from the top of the 'h'.
- Descender height or beardline:** A horizontal line positioned below the X height, indicated by a red arrow pointing up from the bottom of the 'p'.

Leading



Tracking

Photoshop Text
Photoshop Text
PhotoshopText

Kerning

Tomorrow AVA

Tomorrow AVA

Design Critiques

craigslist

[post to classifieds](#)
[my account](#)

[search craigslist](#)

[for sale](#) >

[event calendar](#)

S	M	T	W	T	F	S
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	1	2	3	4

[help, faq, abuse, legal](#)
[avoid scams & fraud](#)
[personal safety tips](#)

[terms of use](#)

[system status](#)

[about craigslist](#)

[craigslist is hiring in sf](#)

[craigslist blog](#)

[best-of-craigslist](#)

[craigslist TV](#)

["craigslist joe"](#)

[craig connects](#)

boston

w

[gbs](#) [nwb](#) [bmw](#) [nos](#) [sob](#)

community

activities lost+found
artists musicians
childcare local news
general politics
groups rideshare
pets volunteers
events classes

housing

apts / housing
rooms / shared
sublets / temporary
housing wanted
housing swap
vacation rentals
parking / storage
office / commercial
real estate for sale

jobs

accounting+finance
admin / office
arch / engineering
art / media / design
biotech / science
business / mgmt
customer service
education
food / bev / hosp
general labor
government
human resources
internet engineers
legal / paralegal
manufacturing
marketing / pr / ad
medical / health
nonprofit sector
real estate
retail / wholesale
sales / biz dev
salon / spa / fitness
security
skilled trade / craft
software / qa / dba
systems / network
technical support
transport
tv / film / video
web / info design
writing / editing
[ETC]
[part-time]

personals

strictly platonic
women seek women
women seeking men
men seeking women
men seeking men
misc romance
casual encounters
missed connections
rants and raves

for sale

appliances arts+crafts
antiques auto parts
barter baby+kids
bikes beauty+hlth
boats cars+trucks
books cds/dvd/vhs
business cell phones
computer clothes+acc
free collectibles
furniture electronics
general farm+garden
jewelry garage sale
materials household
rvs motorcycles
sporting music instr
tickets photo+video
tools toys+games
wanted video gaming

discussion forums

1099 gifts pets
apple haiku philos
arts health politic
atheist help psych
autos history queer
beauty housing recover
bikes jobs religion
celebs jokes rofo
comp kink science
crafts l.t.r. shop
diet legal spirit
divorce linux sports
dying loc pol t.v.
eco m4m tax
educ money testing
etiquet motcov transq

services

beauty automotive
creative farm+garden
computer household
cycle labor/move

gigs

nearby cl

albany
binghamton
boston
cape cod
catskills
central nj
eastern ct
glens falls
hartford
hudson valley
jersey shore
long island
maine
montreal
new hampshire
new haven
new york
north jersey
northwest ct
oneonta
plattsburgh
poconos
rhode island
scranton
sherbrooke
south coast
utica
vermont
western mass
worcester

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[us states](#)

[canada](#)

[cl worldwide](#)

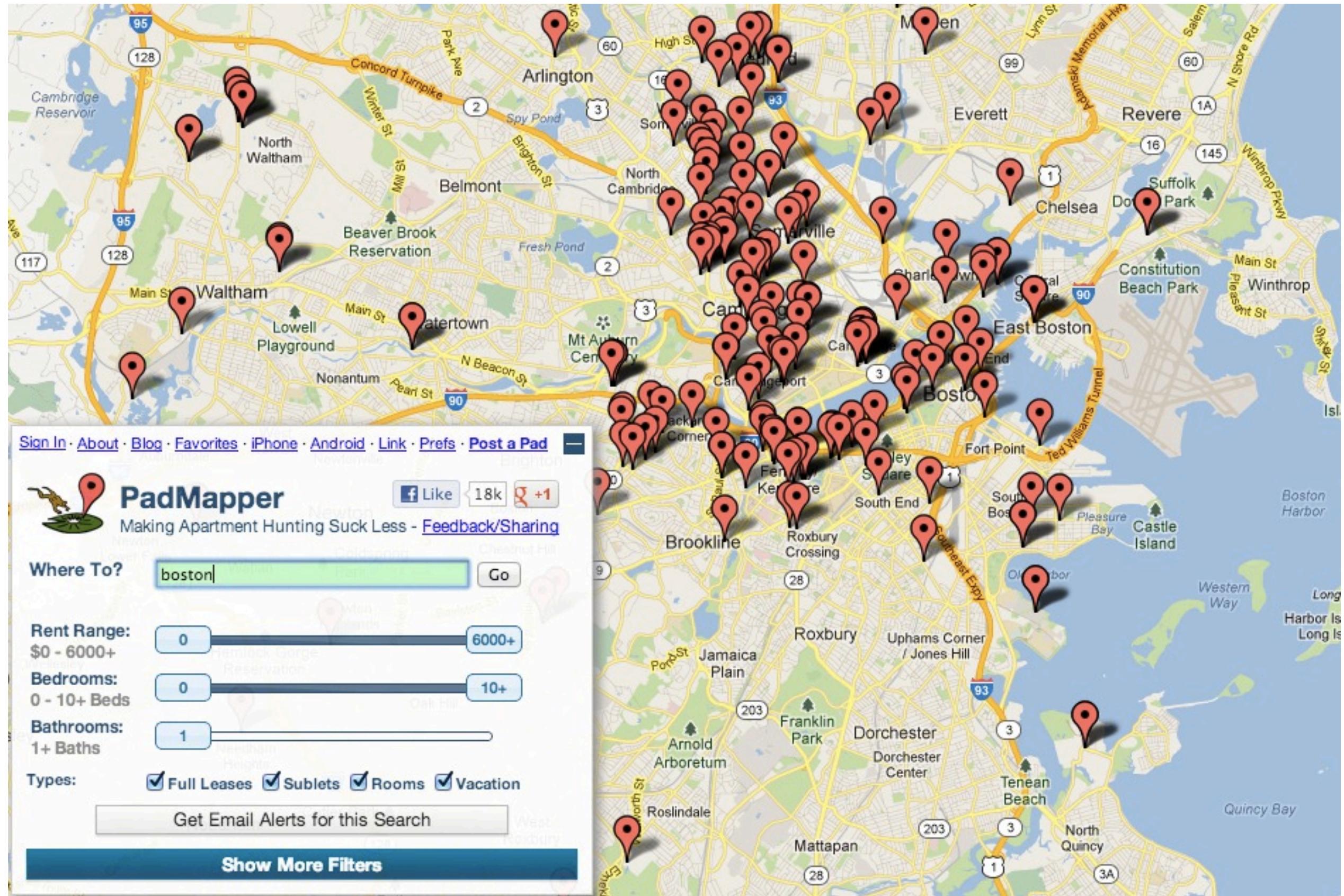
craigslist

bo

Bora Bora, French Polynesia

Boston, Massachusetts

Santa Cruz, Bolivia



Fashion & Style
Home & Garden
Jobs
Magazine
Movies
Music
Obituaries
Public Editor
Real Estate
Sunday Review
T Magazine
Television
Theater
Travel
Weddings /
Celebrations

MULTIMEDIA
Interactives
Photography
Video

TOOLS & MORE
Alerts
Beta 620
Corrections
Mobile
Movie Tickets
Learning
Network
Newsletters
NYT Events
NYT Store
Theater Tickets
Times Machine
TimesLimited
Times Skimmer
Times Topics
Times Wire

Led With a Vision That Was Clear but Deeply Disputed

By JOSEPH R. GREGORY
1:17 PM ET

Mrs. Thatcher, who steered Britain in a sharply conservative direction during 11 years as prime minister and transformed the way the country thought about itself, died on Monday. She was 87.

[Post a Comment](#) | Read (617)

TIMESCAST »



[WATCH NOW](#)

Memorable Thatcher

Remarks on the end of the Falklands war, European integration and more.

[Her Economic Legacy](#)

Critical Week in Senate for Gun and Immigration Bills

By JONATHAN WEISMAN and JENNIFER STEINHAUER
10:17 AM ET

With spring break over, lawmakers — rather than their staff members — will be handling hard negotiations on gun safety and immigration reform.

[Obama in Connecticut to Push for Gun Control](#) 1:08 PM ET

[Post a Comment](#) | Read (57)

North Korea Pulls Out of Factories It Runs With South

By CHOE SANG-HUN
10:43 AM ET

The Kaesong industrial complex operated for eight years despite political and military tension, and the

Tributes Pour In for Margaret Thatcher

By ALAN COWELL and JOHN F. BURNS 10:21 AM ET

British politicians celebrated Mrs. Thatcher's influence, while detractors said her policies deepened inequalities.

- [The Lede: Remembering Thatcher](#) 2:38 PM ET
- [A Cultural Icon, and a Target](#) 34 minutes ago

Damascus Blast Said to Kill at Least 15

By ANNE BARNARD and ALAN COWELL

An explosion tore through central Damascus on Monday in a blast that spread chaos and sent billows of dark smoke over an area that had been packed with people.

[Video Feature: Watching Syria's War](#)



Navy Deploying Laser Weapon Prototype Near Iran

By THOM SHANKER 1:30 PM ET

The laser attack weapon has been shown in tests to disable patrol boats and blind or destroy surveillance drones.

Annette Funicello, Beloved Mouseketeer, Dies at 70

By DOUGLAS MARTIN 1:46 PM ET

Ms. Funicello won America's heart as a 12-year-old in Mickey Mouse ears and later captivated adolescent baby boomers in slightly spicy beach movies.

[ArtsBeat: Video Highlights From Funicello's Career](#) | [Slide Show](#)

[Post a Comment](#) | Read (85)

THE APPRAISAL

They'll Sell You a Home, File Taxes and Book a Trip



MERRILL
EDGE

Retirement Simplified.TM

Merrill Edge® streamlines the process of investing for retirement.

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Bank with Bank of America.
Invest with Merrill Edge.TM

MERRILL
EDGE
Bank of America Corporation

Investment Products:

Are Not FDIC Insured

Are Not Bank Guaranteed

May Lose Value

TRAVEL »

Business or Pleasure? Try Both

Conferences like South by Southwest and TED are more than career enhancers.



They offer a chance to explore cities and connect with like-minded people.

36 Hours in San Diego

Still shaking off the last of winter where you live? Warm up in Southern California.

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The New York Times

The new Times experience designed for **Android™**

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MORTGAGES

Opting for In-House Loan Service

Buyers may see advantages to using a real estate agency's in-house loan services, but they should not feel



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iPad 2:18 PM 92%

Flipboard your social magazine

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Scott Beale

1 4180



Why my dad is boss. (self.funny)
submitted 2 hours ago by addm3plz to funny
[Aa](#) [+](#) 1164 comments share

2 4303



I'm obviously a shitty carpenter, but my old dog has tiny legs and can't jump like he used to. (imgur.com)
submitted 3 hours ago by turbo_loadstone to aww
558 comments share

3 2380



I am Reggie Watts - AMA! (self.IAmA)
submitted 2 hours ago* by regglewatts_ to IAmA
[Aa](#) [+](#) 1919 comments share

4 4726



This bird waits for my coworker to show up every morning. Then spends the day looking at itself in the mirror and shitting. (i.imgur.com)
submitted 6 hours ago by DeLoreanMotorCars to pics
1668 comments share

5 2897



As a guy Dating in his Late 20s (i.qkme.me)
submitted 4 hours ago by DrunkenRob to AdviceAnimals
2515 comments share

6 1993



After trimming our hedge I found Tommy who's Clearly been going through some tough times. (imgur.com)
submitted 3 hours ago by lordsmish to WTF
129 comments share

7 3714



Ex-Prime Minister Margaret Thatcher has died following a stroke (bbc.co.uk)
submitted 7 hours ago by hungrysaw to worldnews
7741 comments share

8 1883



This sign needs to be posted at every concert ever (spin.com)
submitted 4 hours ago by donna fucking noble to Music
602 comments share



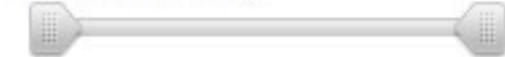
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SFO 2:48p ► BOS 11:31p 5h 43m nonstop

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Select Leg	\$552 roundtrip		US Airways		US Airways CLT		US Airways				8h 39m 1 stop
Select Leg	\$750 roundtrip		United		United						6h 45m nonstop
Select Leg	\$750 roundtrip		United		United						6h 47m nonstop
Select Leg	\$865 roundtrip		JetBlue		JetBlue						6h 40m nonstop
Select Leg	\$865 roundtrip		JetBlue		JetBlue						6h 44m nonstop
Select Leg	\$918 roundtrip		Virgin America		Virgin America						6h 49m nonstop
Select Leg	\$886 roundtrip		United		United IAD		United				8h 49m 1 stop
Select Leg	\$897 roundtrip		Delta		Delta SLC Delta						9h 00m 1 stop

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Computer Science E-1

Lecture 7: Privacy and Design