

Computer Science E-1



Understanding Computers and the Internet

Lecture 14: Exciting Conclusion

Wednesday, 10 January 2007

David J. Malan
malan@post.harvard.edu

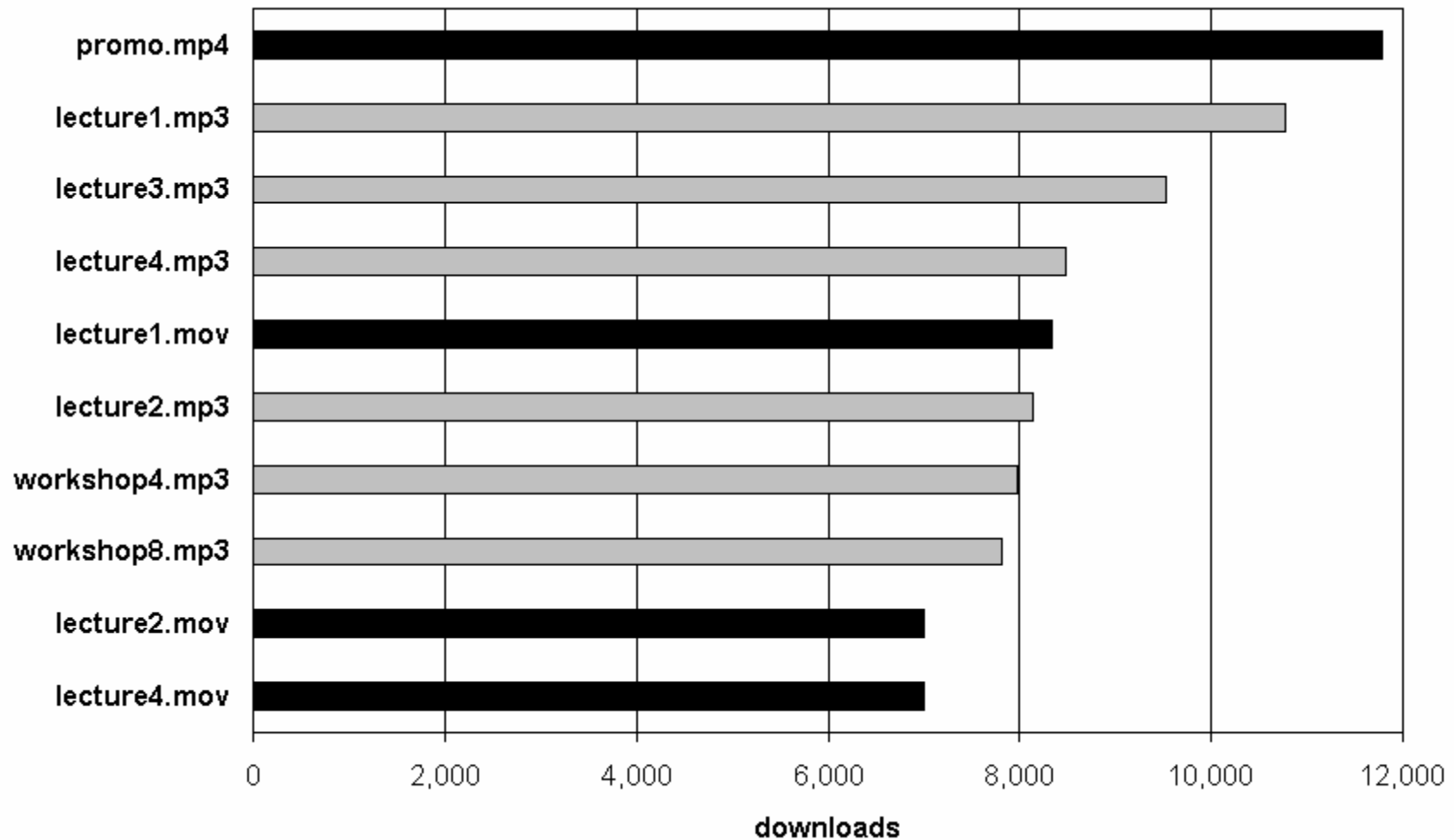
The Podcast



The Podcast



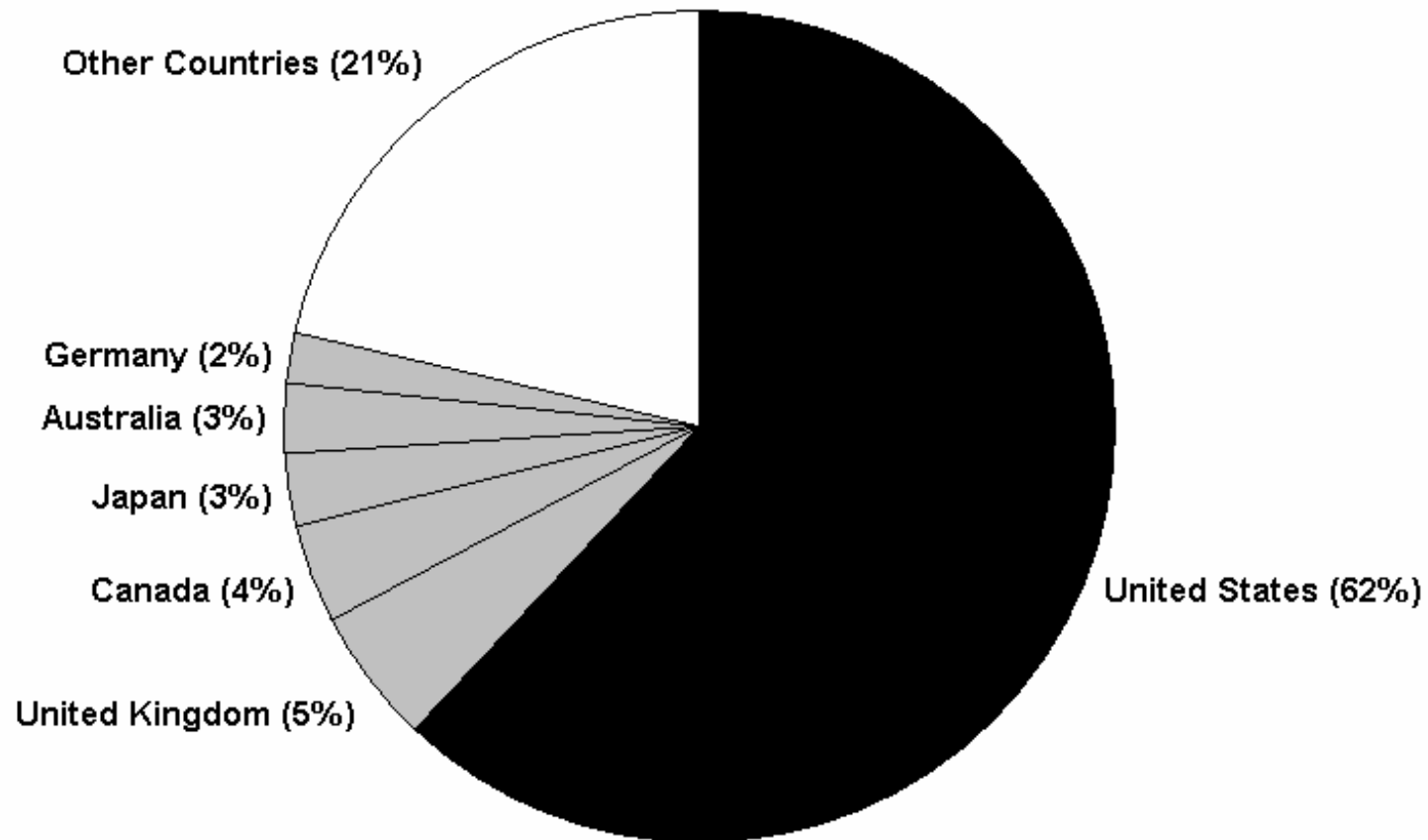
Top Downloads, September 2005 – September 2006



The Podcast



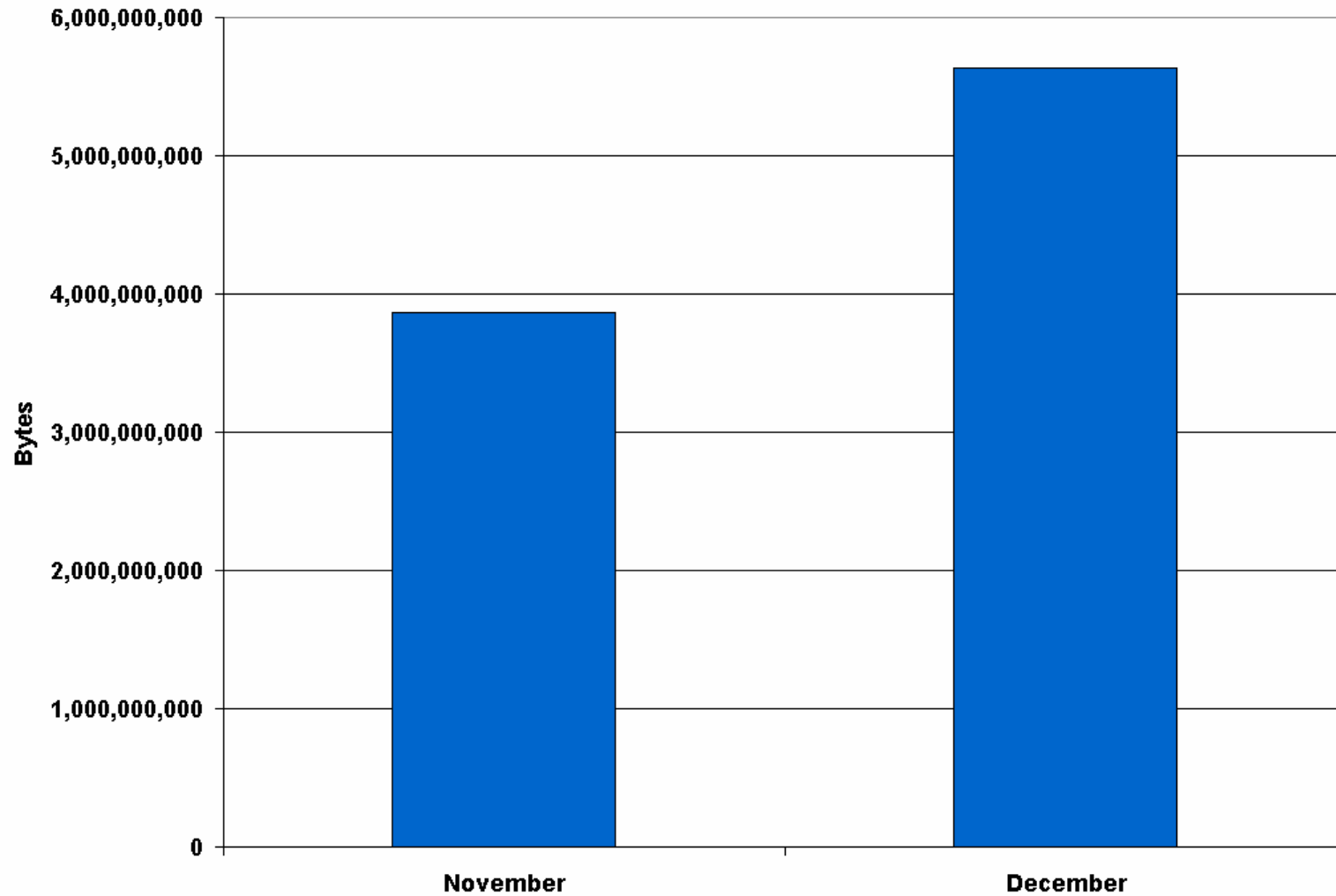
Top Countries, September 2005 – September 2006



The Podcast



Bandwidth Used, November – December 2006



The Podcast



Search terms that apparently lead to it

lecture internet

harvard lecture

police dog training

harvard extension school problem set 4

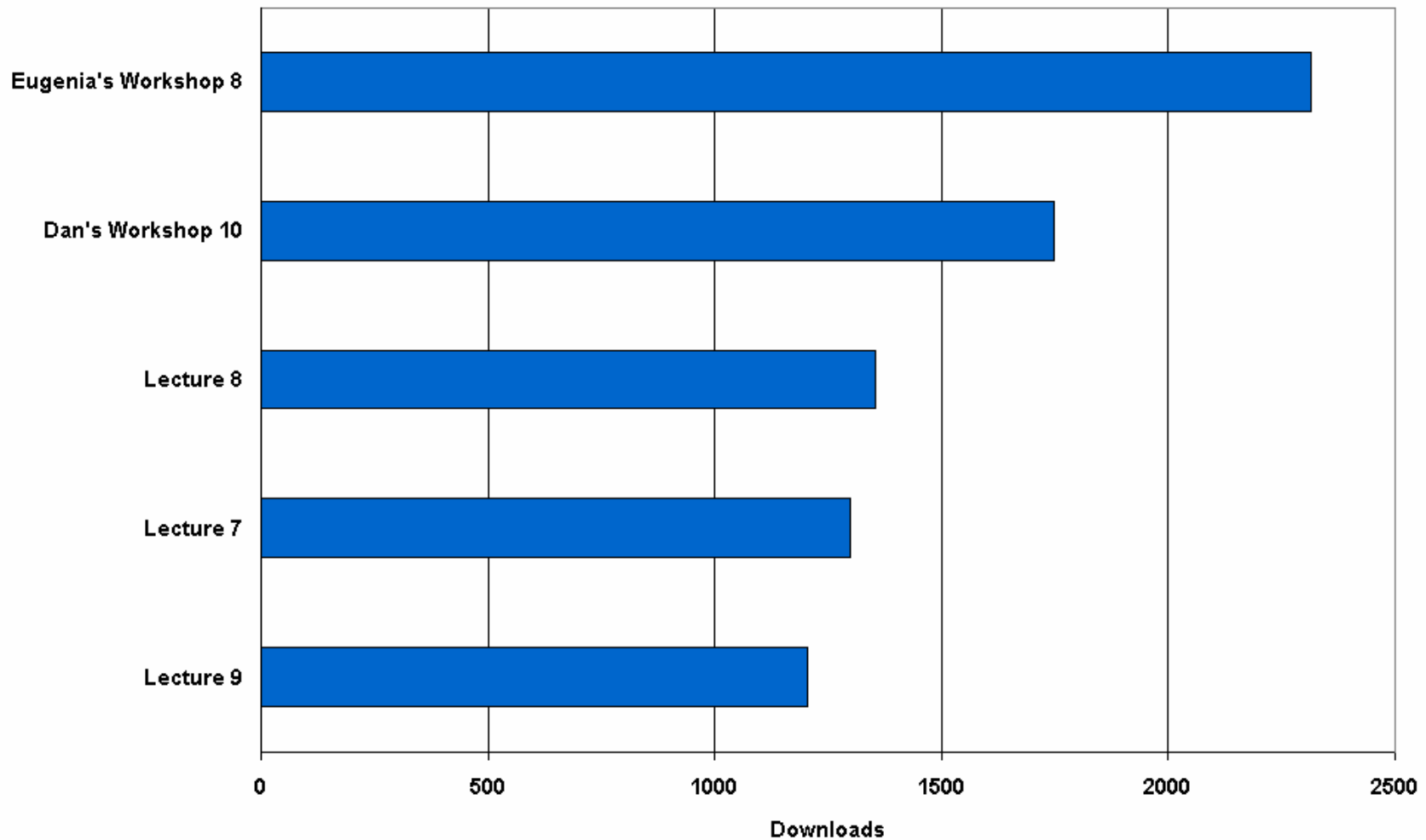
upgrading a pc

great sex

The Podcast



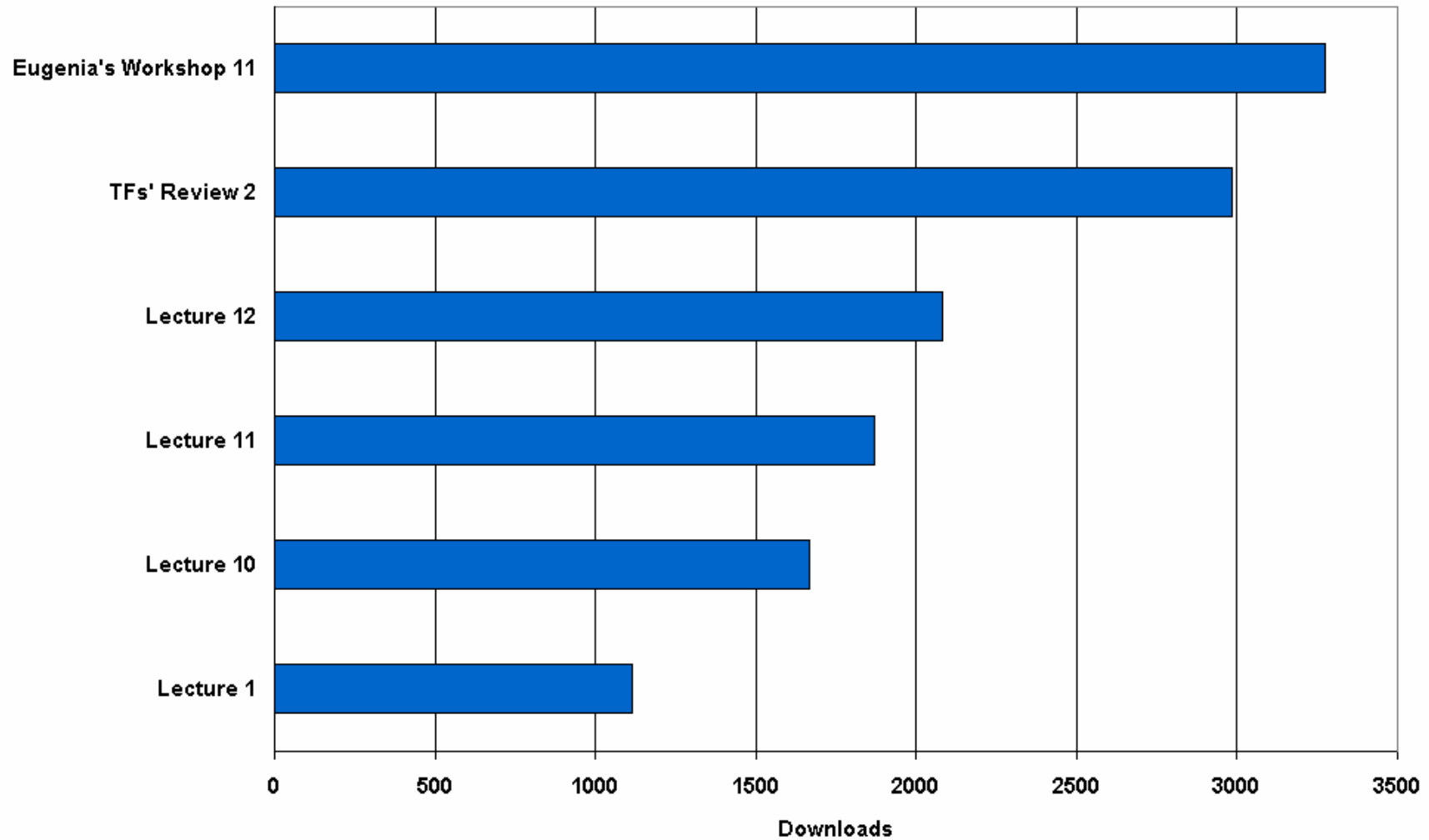
Top Downloads in (last 3 weeks of) November 2006



The Podcast



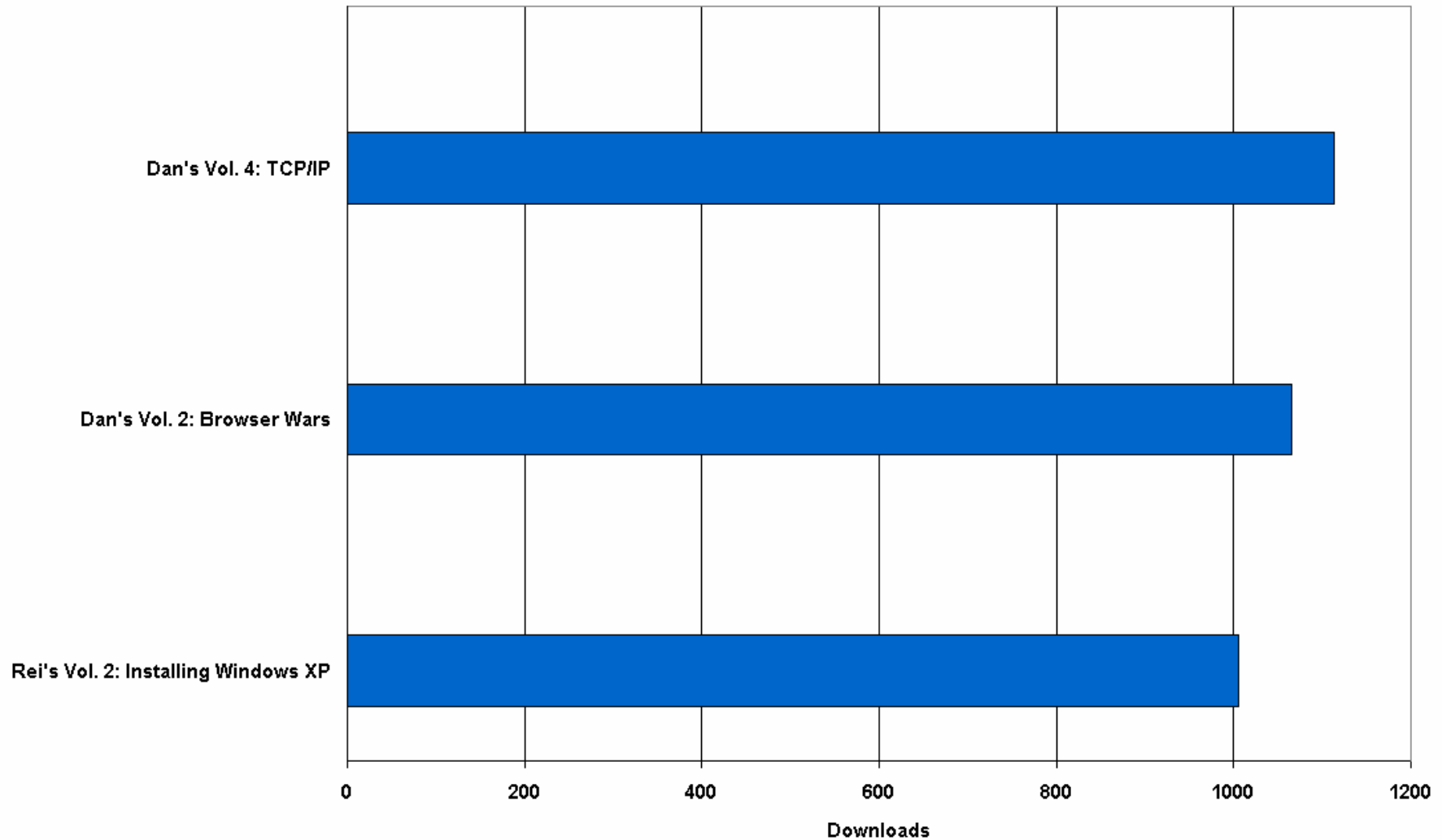
Top Downloads in December 2006



YouTube



Top Downloads of Videos of the Week since Release



Thank You



Teaching Fellows, Past and Present

Todd Bangerter, Lawrence Carty, Matt Foroughi, Paul Ham, Jon Hahn, Janet Hanseth, Megan Henry, Jesse Karlsberg, Colin Kegler, Peggy Lim, Art Lu, Paul Millett, Roman Rubinstein, Susan Smith, Kathleen Tammaro, Meggan Todd, Lifan Yang, Raymond Yu, ...

Rei Diaz, Dan Armendariz, Eugenia Kim, Chris Thayer



Thank You

Chris Mehl and Kriss Barnhart



Thank You

Jeff Howe @ Wired Magazine



Image from Wired Magazine.

Thank You



Victor Cajiao @ typicalmacuser.com



Typical Mac User Podcast
Help for the Switcher and New Apple Macintosh User

Image from <http://typicalmacuser.com/>.

Thank You

Jake Fisher @ switchpod.com

A horizontal banner with a blue background featuring a pattern of vertical, wavy lines. The text is in bold, yellow and white fonts. The main headline is 'Podcast Hosting at its best'. Below it, on the left, is 'Unmetered Bandwidth' and on the right is 'Cheap Podcast Plans'. In the center, in white, is 'WHAT ARE YOU WAITING FOR?'. In the bottom right corner is the 'SWITCHPOD.COM' logo with 'PODCAST HOSTING' written below it.

Podcast Hosting at its best

Unmetered Bandwidth **Cheap Podcast Plans**

WHAT ARE YOU WAITING FOR?

SWITCHPOD.COM
PODCAST HOSTING

Image from <http://switchpod.com/>.

Thank You



Jason Adrian, Ria Ascano, Bill Barthelmy, Paul Bergen,
Allyson Boggess, Steve Burns, Nora Cameron, Linda Cross,
Jennifer Crowley, Larry Denenberg, Karen Diaz, Joanne Eno,
Len Evenchik, Michael Fournier, Dennis Gaudet, Dave Harris,
David Heitmeyer, Liz Hess, Mary Higgins, Jeremy Im, Chris
Jones, Pam Kessler, Jerald Knight, Laura Knobel-Piehl, Peter
Kugel, Tom Lane, Mark Lax, Rod Lindheim, Alex Lloyd,
Brenda Mahoney, Jane Maloof, Susan McGee, Media and
Technology Services, Robert Neugeboren, Karen Ogden, Liz
Orenstein, Dave Ostrow, Chris Queen, Andrew Paulson,
James Peregrino, Jeffry Pike, Michelle Pollino, Dobi Rahnev,
Prep Room, Mark Rosen, Ed Santora, Patrick Schmid, Mike
Shinagel, Carl Sjogreen, Jeremy Smith, Suzanne Spreadbury,
Omri Traub, Sam Weems, ...

Thank You

Henry H. Leitner



Lecture 1

Hardware



Images from <http://t-mobile.com/>, <http://www.alexlomas.com/>, and <http://sleekgeek.typepad.com/>.

Lecture 2

Hardware, Continued



Image from <http://apple.com/>.

Lecture 3

Software



Screenshot from Google Earth.

Lecture 3



Software



Source of image unknown.

Lecture 3

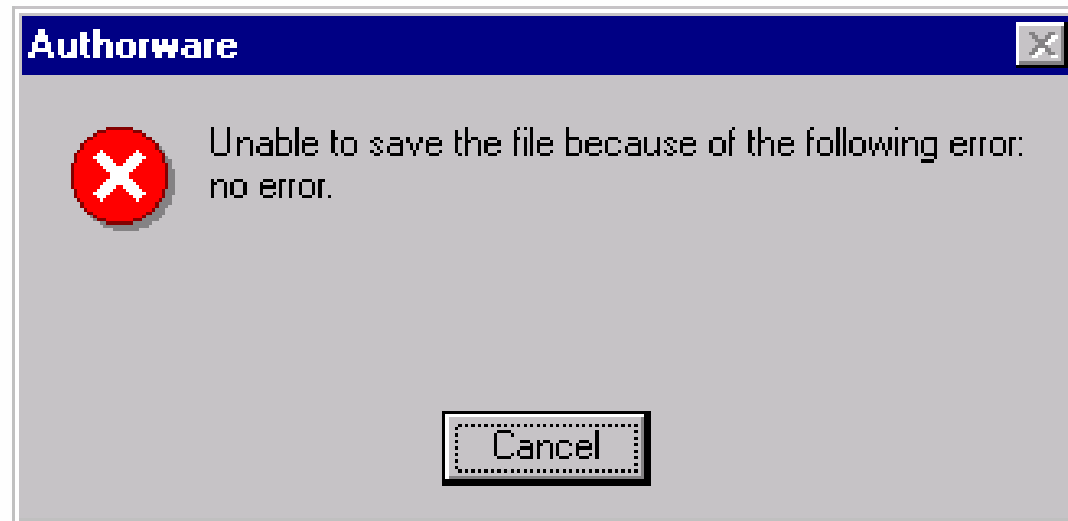
Software



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Lecture 3

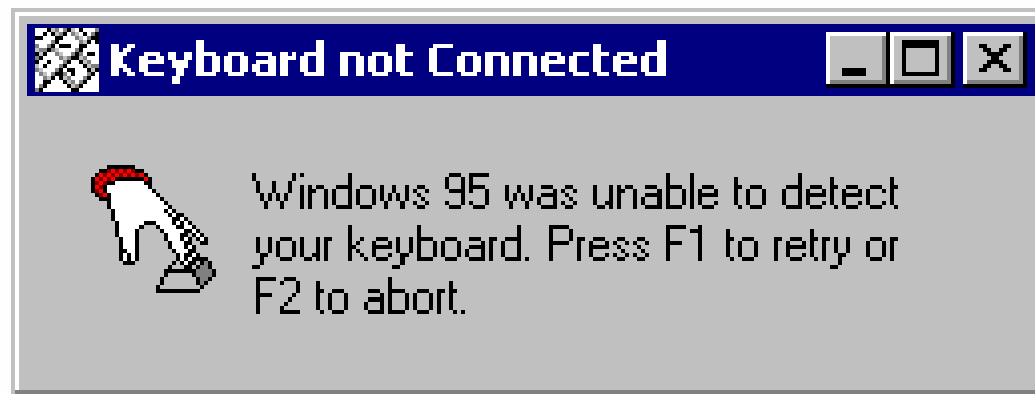
Software



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Lecture 3

Software



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Lecture 3

Software



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Lecture 3

Software



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Lecture 3

Software



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Lecture 4



The Internet

Spam Volume Jumps 35% In November

Posted by [CowboyNeal](#) on Thu Dec 21, '06 06:51 PM
from the [crazy-email-subject-lines](#) dept.

[gregleimbeck](#) writes

"[Spam volume soared another 35% in November](#), an e-mail security vendor said Thursday, and the month saw spam tactics that reduced the efficiency of traditional anti-spam filters. 'There's been a huge increase in spam volume,' says David Mayer, a product manager at IronPort Systems, 'from 31 billion spams a day on average in October 2005 to 63 billion in October 2006. But in November, we saw two surges that averaged 85 billion messages a day, one from Nov. 13 to 22, the other from Nov. 26 to 28.'"

► [spam \(tagging beta\)](#)

Screenshot from <http://slashdot.org/>.

Lecture 5

The Internet, Continued

Mac or PC computer that was originally connected to the cable or DSL modem

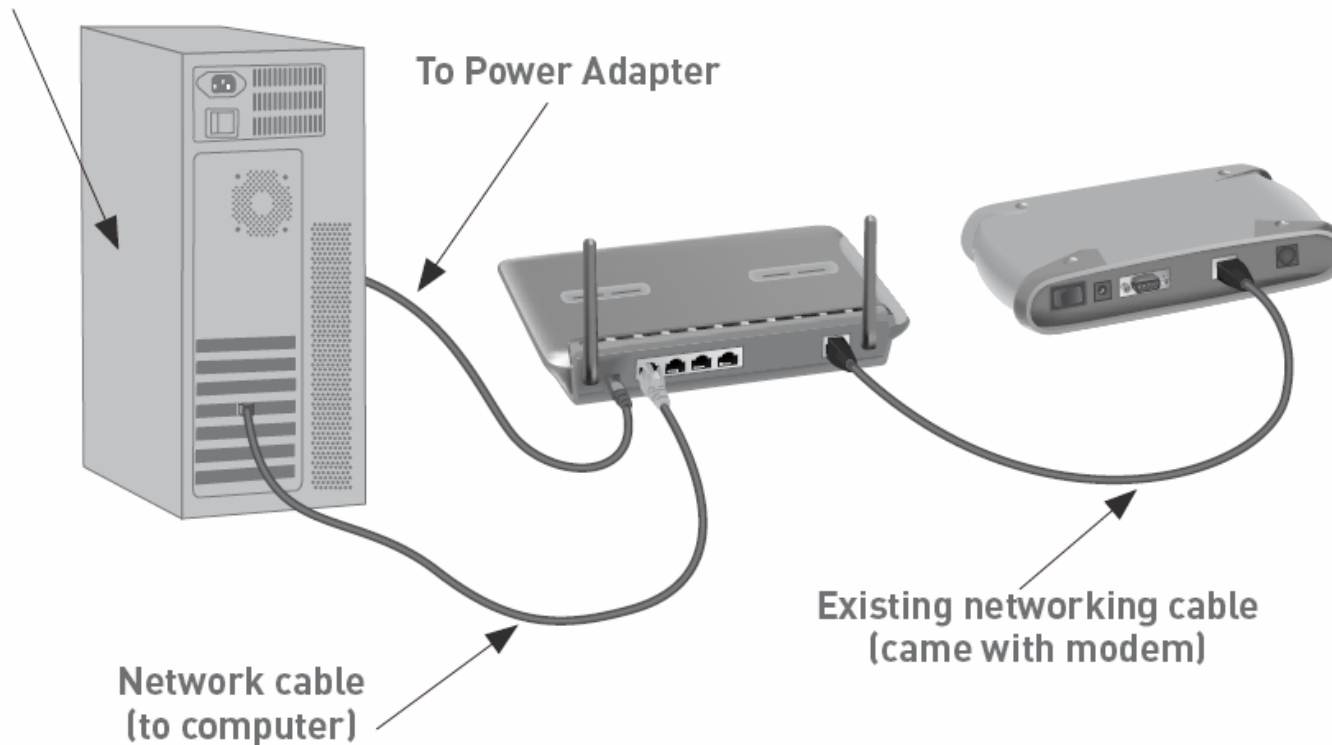


Image from <http://www.belkin.com/support/download/files/F5D7231-4.pdf>.

Lecture 6



Surprise

Bitter?	Disc, DAT, or the Other Thing		World Wide Wait	Exam 1
\$200	\$200	\$200	\$200	\$200
\$400	\$400	\$400	\$400	\$400
\$600	\$600.	\$600	\$600	\$600
\$800	\$800	\$800	\$800	\$800
\$1000	\$1000	\$1000	\$1000	\$1000

Lecture 7

Multimedia



Image from <http://engadget.com/>.

Lecture 8



Security

Vista Zero-Day Exploit For Sale

Posted by **kdawson** on **Sat Dec 16, '06 04:02 PM**

from the **crack-bazaar** dept.

Snakepit Bit writes

"Underground hackers are hawking a [zero-day exploit for Windows Vista](#) at \$50,000 a pop, according to computer security researchers at Trend Micro. The Windows Vista exploit, which has not been independently verified, was just one of many zero-days available for sale at an auction-style marketplace infiltrated by the anti-virus vendor. Prices for exploits for unpatched code execution flaws are in the \$20,000 to \$30,000 range. Bots and Trojan downloaders that typically hijack Windows machines for use in botnets were being sold for about \$5,000."

From the article:

"According to [Trend Micro CTO Raimund] Genes, the typical price of a destructive exploit has increased dramatically, driving an underground market that could exceed the value of the legitimate security software business. 'I think the malware industry is making more money than the anti-malware industry,' Genes said."

Screenshot from <http://slashdot.org/>.

Lecture 9



Security, Continued

"The only truly secure system is one that is powered off, cast in a block of concrete and sealed in a lead-lined room with armed guards - and even then I have my doubts."

Prof. Eugene Spafford, Purdue University

Lecture 10

Website Development

**MALANI
ROUGE!**



Lecture 11

Programming

IT'S PEANUT BUTTER JELLY TIME!!!



It's Peanut Butter Jelly Time!

Take 1

Locate jars of peanut butter and jelly, a loaf of bread, and a knife.

If customer orders special sandwich

If only jelly requested then

Dip knife into jelly and spread across bread

Add another piece of bread and give to server

Else if only peanut butter is requested then

Dip knife into peanut butter jar and spread on bread then

Add another piece of bread and give to server

Else

If customer orders regular sandwich

Dip knife into peanut butter and spread across bread then

Dip knife into jelly and spread across bread then

Add another piece of bread and give to server

[illegible][illegible]

It's Peanut Butter Jelly Time!



Take 2

2. 1. Locate jars of peanut butter and jelly, a loaf of bread, and a knife, then
 2. open bag of bread and remove two slices then
 3. remove lid from peanut butter jar and jelly jar then
 4. if peanut butter or jelly are empty then
 5. get a new jar
 6. else give up
 7. using knife spread peanut butter on one slice of bread then
 8. using knife spread jelly on top of peanut butter then
 9. place second slice of bread on top of first then
 10. eat

It's Peanut Butter Jelly Time!



Take 3

1. Locate jars of peanut butter and jelly, a loaf of bread, and a knife.
2. ...

Lecture 12

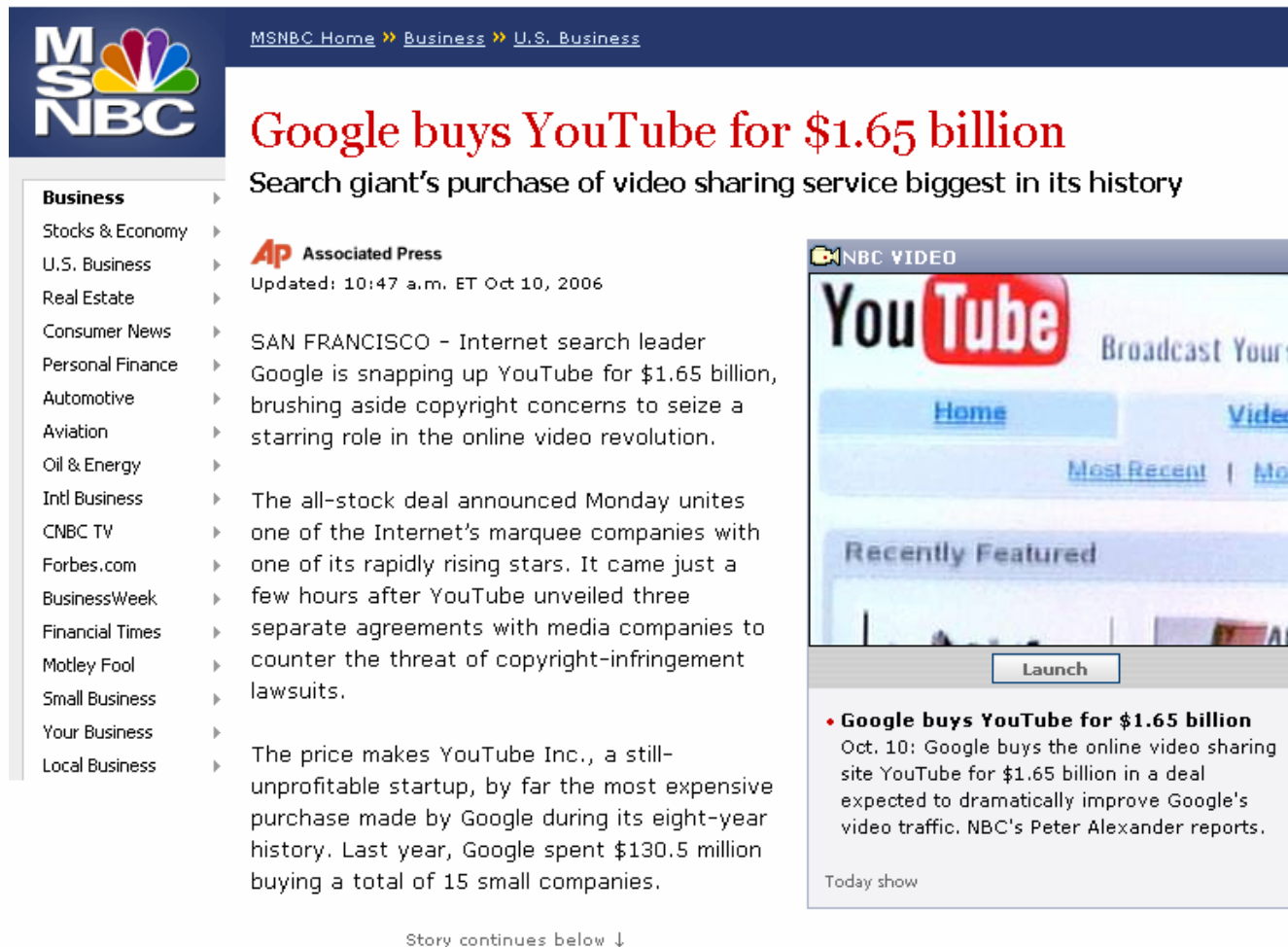


Pictionary!



Lecture 13

Dotcoms



The screenshot shows the MSNBC website interface. At the top is the MSNBC logo and a navigation bar with links to 'MSNBC Home', 'Business', and 'U.S. Business'. A left sidebar lists various business categories like 'Business', 'Stocks & Economy', 'U.S. Business', etc. The main content area features a large red headline: 'Google buys YouTube for \$1.65 billion', followed by a sub-headline: 'Search giant's purchase of video sharing service biggest in its history'. The article is attributed to the 'Associated Press' and dated 'Oct 10, 2006'. The text describes Google's acquisition of YouTube, noting it as a major move in the online video revolution. To the right of the article is a 'NBC VIDEO' player showing a YouTube interface with a 'Launch' button. Below the player, a summary box states: 'Google buys YouTube for \$1.65 billion' and provides details about the deal and its impact on Google's video traffic. A 'Today show' link is also visible.

MSNBC

MSNBC Home » Business » U.S. Business

Google buys YouTube for \$1.65 billion

Search giant's purchase of video sharing service biggest in its history

Associated Press
Updated: 10:47 a.m. ET Oct 10, 2006

SAN FRANCISCO - Internet search leader Google is snapping up YouTube for \$1.65 billion, brushing aside copyright concerns to seize a starring role in the online video revolution.

The all-stock deal announced Monday unites one of the Internet's marquee companies with one of its rapidly rising stars. It came just a few hours after YouTube unveiled three separate agreements with media companies to counter the threat of copyright-infringement lawsuits.

The price makes YouTube Inc., a still-unprofitable startup, by far the most expensive purchase made by Google during its eight-year history. Last year, Google spent \$130.5 million buying a total of 15 small companies.

Story continues below ↓

NBC VIDEO

YouTube Broadcast Yourself

Home Videos

Most Recent | Most Popular

Recently Featured

Launch

Google buys YouTube for \$1.65 billion
Oct. 10: Google buys the online video sharing site YouTube for \$1.65 billion in a deal expected to dramatically improve Google's video traffic. NBC's Peter Alexander reports.

Today show

Screenshot from <http://msnbc.com/>.

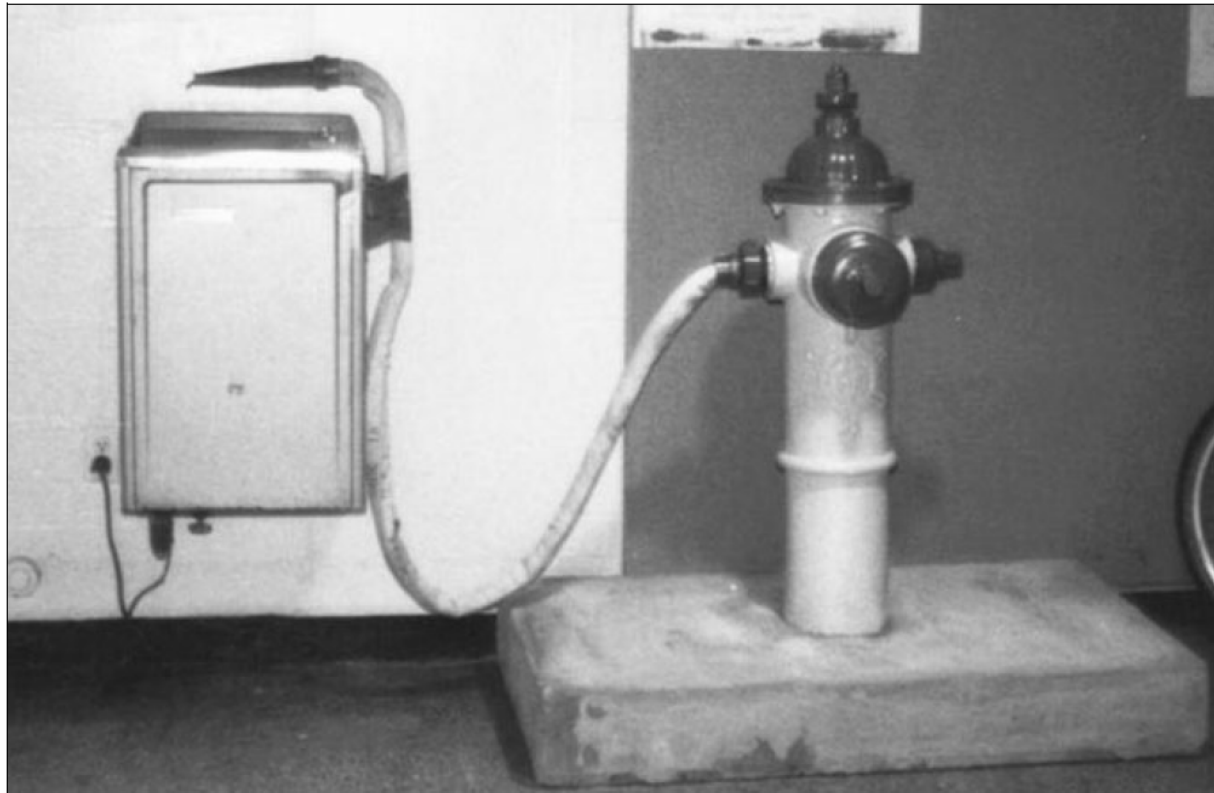
Lecture 14

Exciting Conclusion



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http://hacks.mit.edu/Hacks/by_year/1991/fire_hydrant/

Fall 2006's Mousepad



And the winner is...



Windows

Just kidding. There's no error this time.
The winner is...

Press any key to continue _



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