

Mozilla: Update

Mike Schroepfer, VP Engineering
Mozilla Corporation



Mozilla
Firefox[™]



Mozilla is...

- a global effort to promote choice & innovation on the Internet
- the foremost advocate for users on the Web
- an open source project with thousands of contributors
- more than 80 Million users worldwide
- the maker of the Firefox Web browser

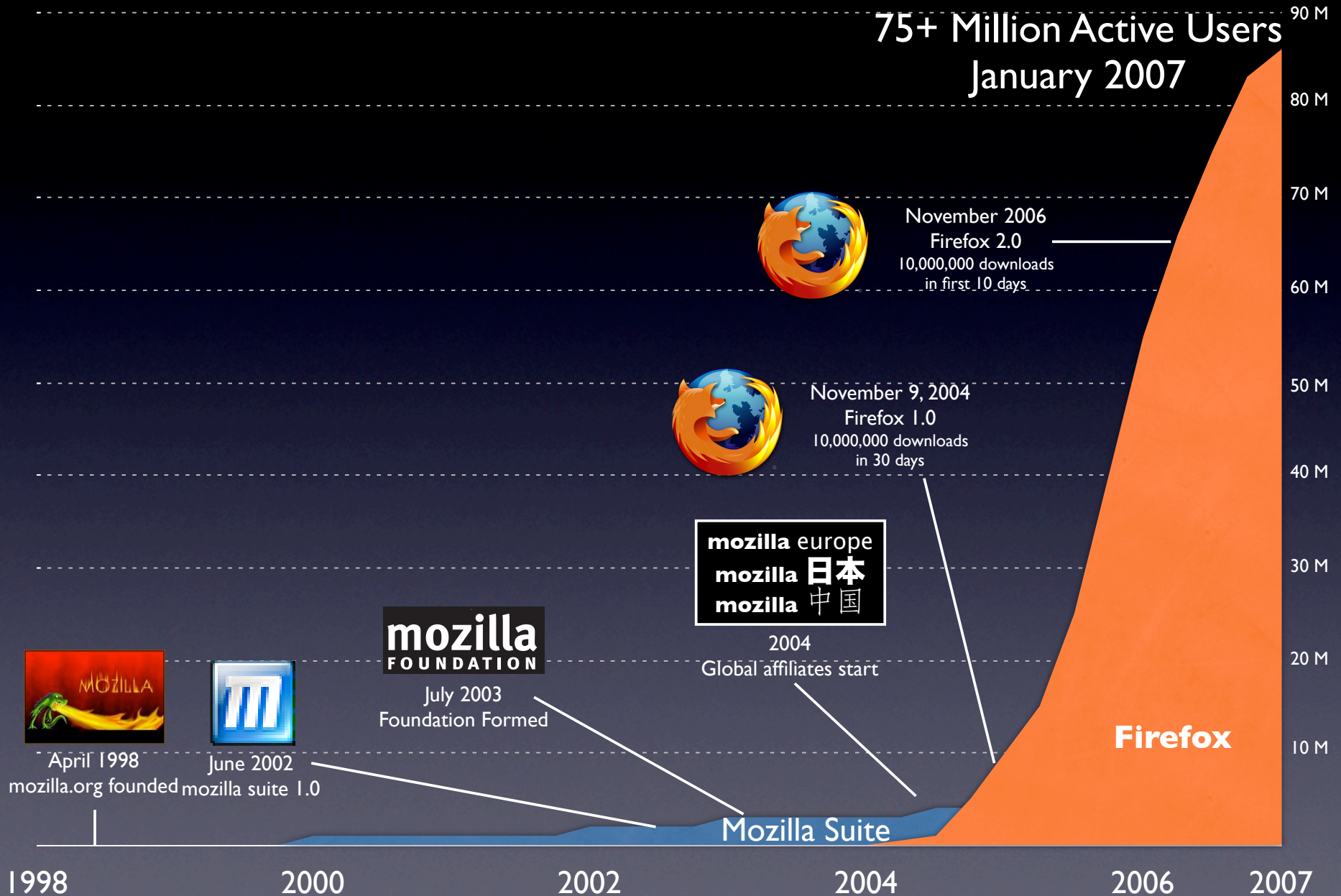


Firefox Numbers

- 80+ Million users worldwide
- 2,000+ community-contributed extensions
- 40 languages (and growing)
- 16% Worldwide market share
- 1,000+ contributors to code base
- thousands of volunteers & evangelists
- *fewer than 100 employees*

Mozilla Milestones & User Growth

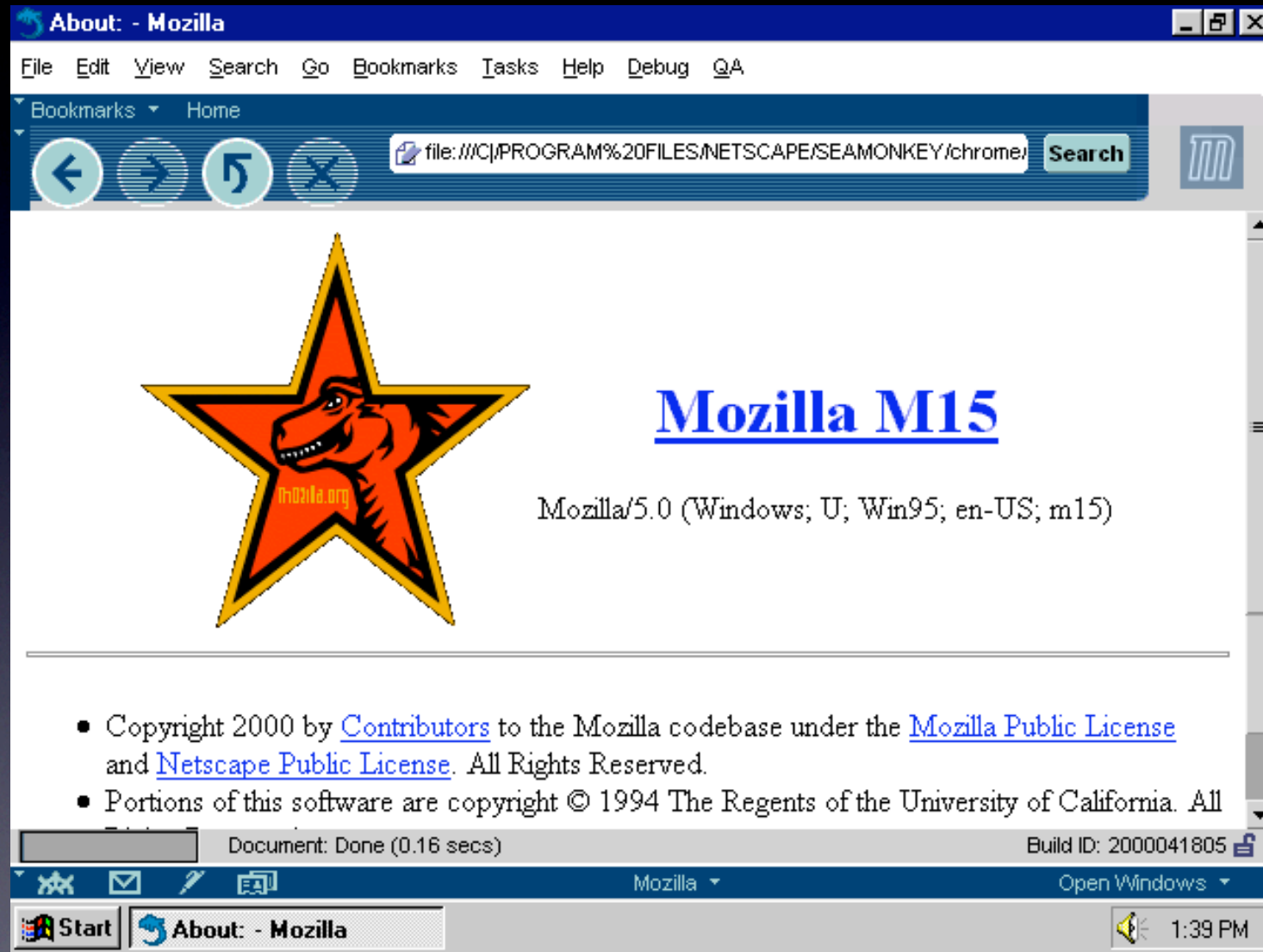
75+ Million Active Users
January 2007



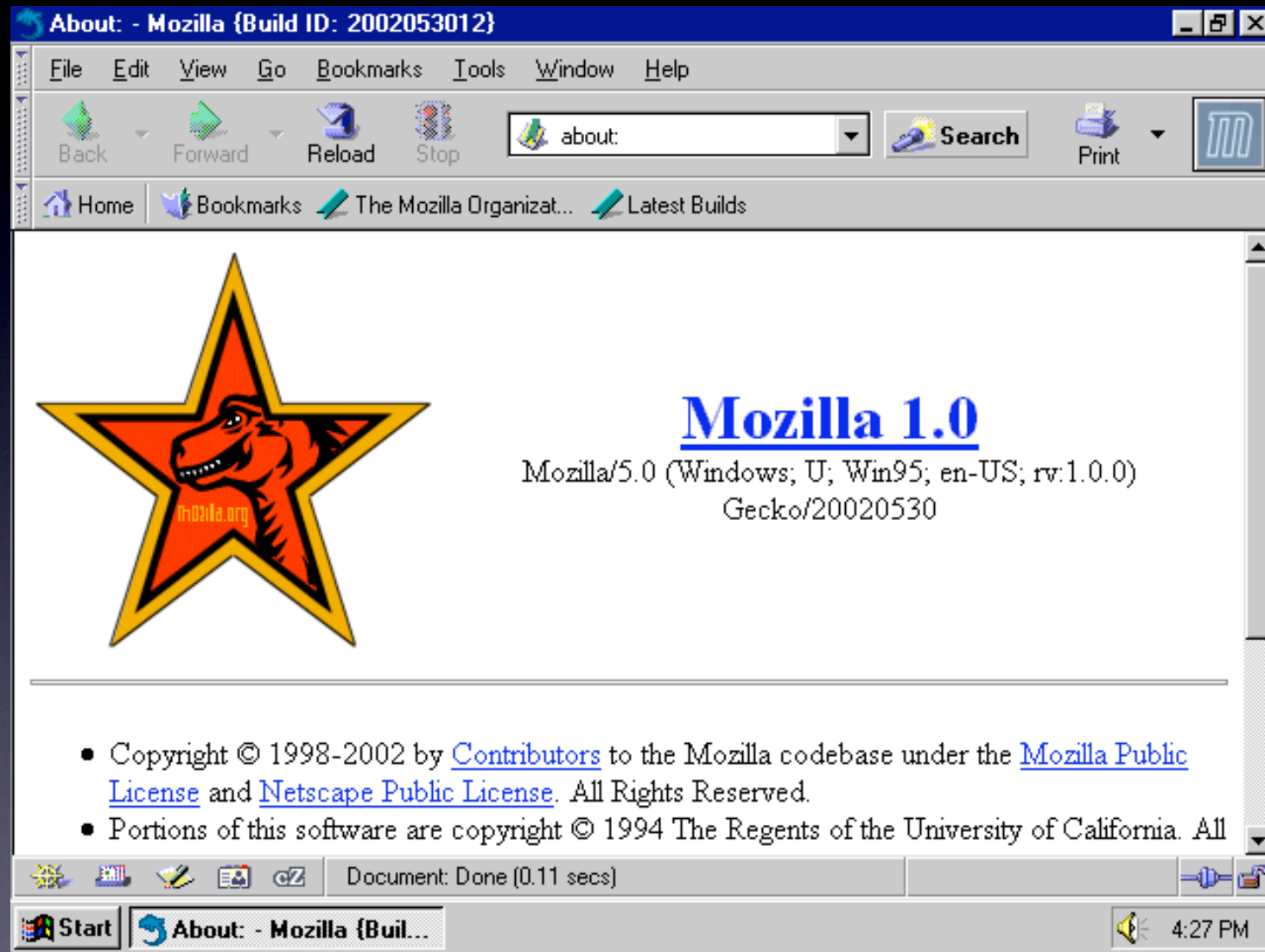
1998: ...the source code is released



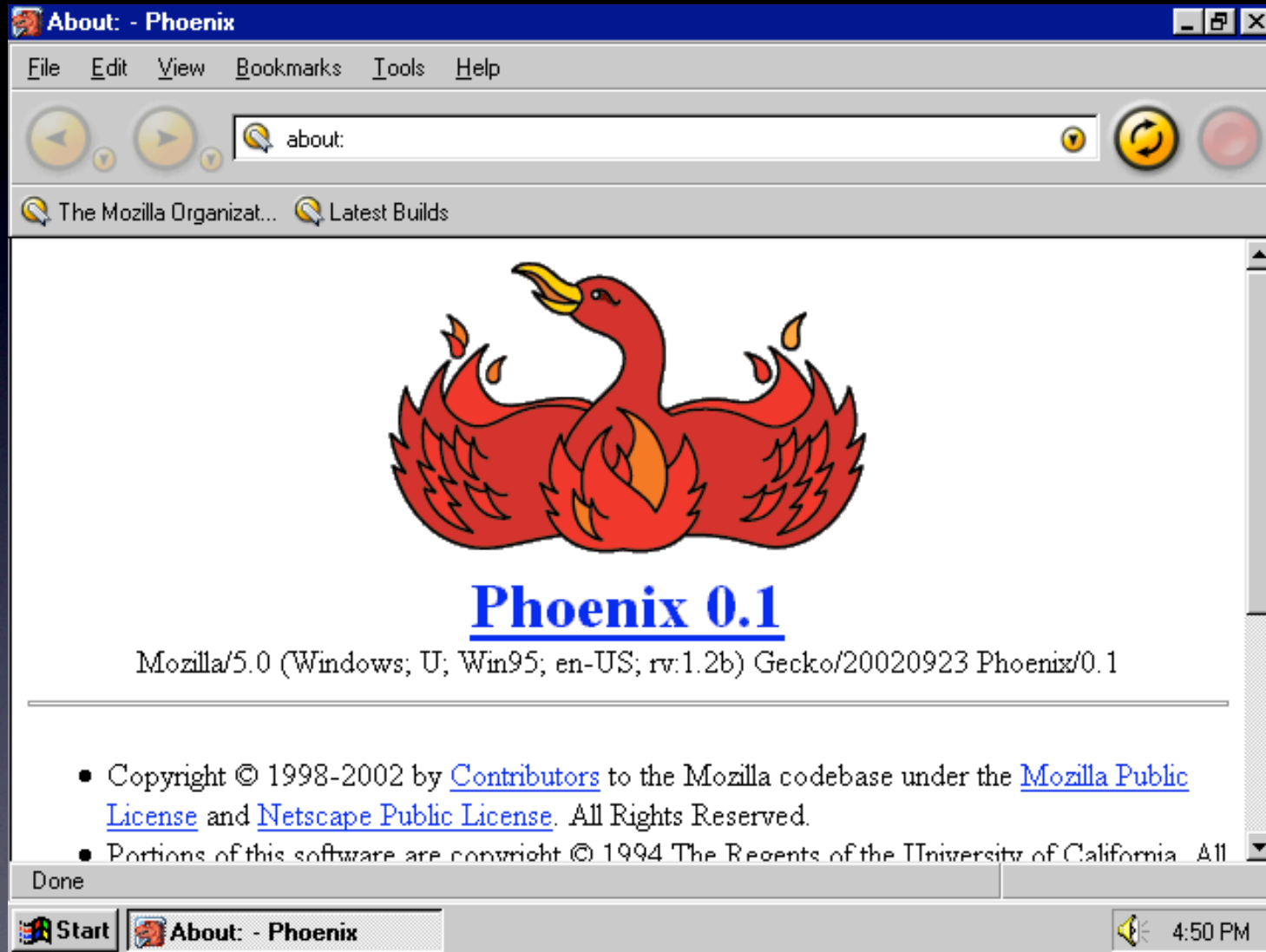
2000: The Early Public Milestones



2002: Mozilla 1.0



2002: Phoenix 0.1



November 2004: Firefox 1.0

10 million downloads in the first 30 days!



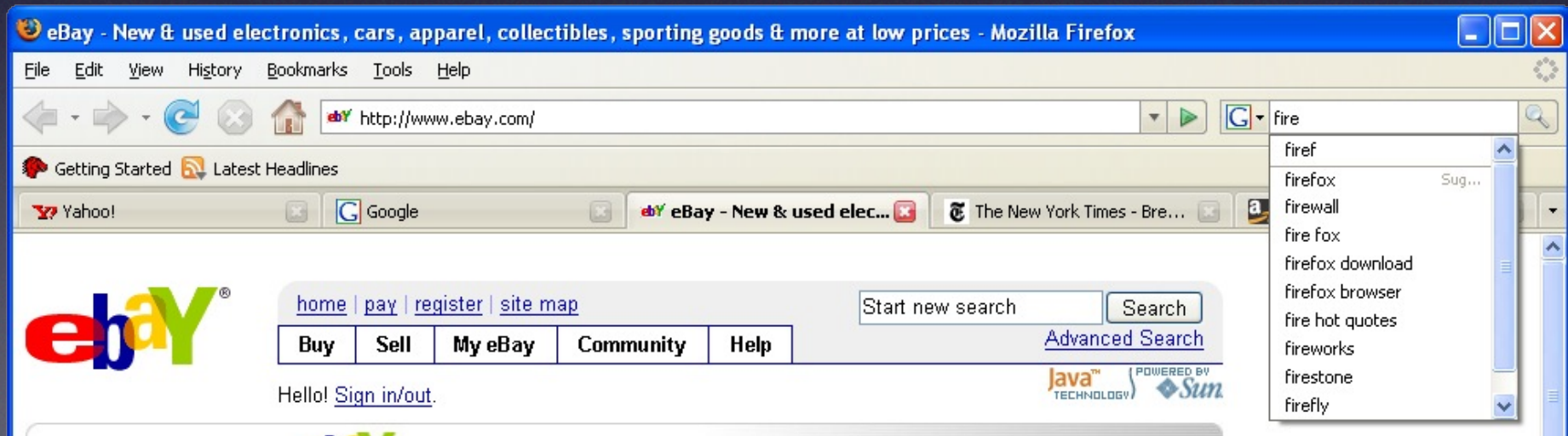
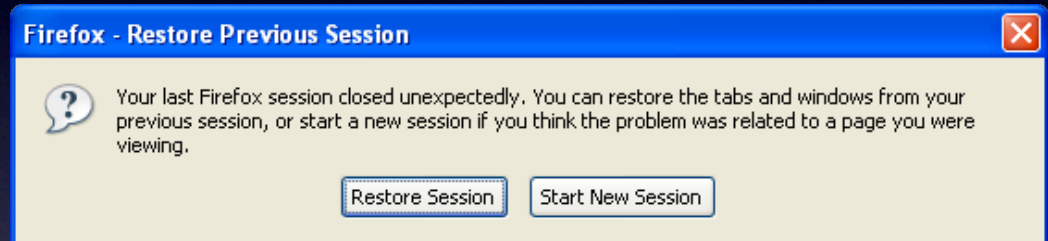
Firefox

- Award-winning Web Browser
- Features
 - Integrated search
 - Popup blocking
 - Tabbed browsing
 - Add-ons
 - Auto-updating



User Experience

- Improvements to Tabbed Browsing
- Undo Close Tab
- Session Restore
- Build-in Search



Inline Spell Check

Amazon.com: Write Your Own Review - Mozilla Firefox

File Edit View History Bookmarks Tools Help

https://www.amazon.com/gp/flex/sign-in/select.html/102-5845140-7888104?ie=UTF8

Getting Started Latest Headlines

Samsung LNS4051D 40" Wide LCD HDTV with Integrated ATSC Tuner

Tell us what you think. Write a review of this item and share your opinions with others. Please be sure to focus your comments on the product. Read our [review guidelines](#) for more information.

On a scale of 1 to 5 stars, with 5 stars being the best,

1. How do you rate this item? 5 stars

2. Please enter a title for your review:
This is one great TV

3. Type your review in the space below:
I amlost wnatod to buy this TV right on the spot! But thne I raelized I should wait nutill my brithday!

birthday
Add to dictionary
Undo
Cut
Copy
Paste
Delete
Select All
✓ Spell check this field
Languages

4. I am over the age of 13.

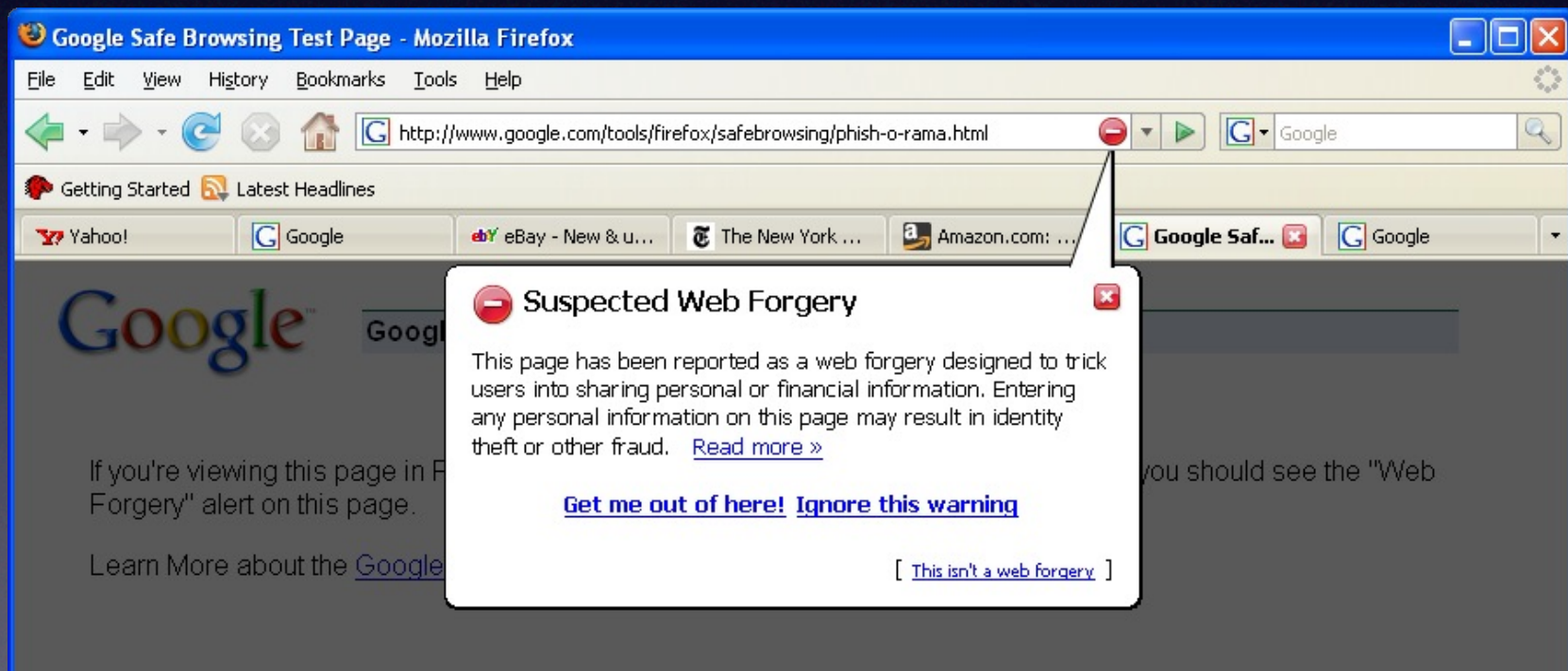
Preview your review

The Fine Print:

- ◆ All submitted reviews are subject to the license terms set forth in our [Conditions of Use](#).
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Security

- Fastest response time of any vendor
- Phishing Protection



Typical Firefox Reactions

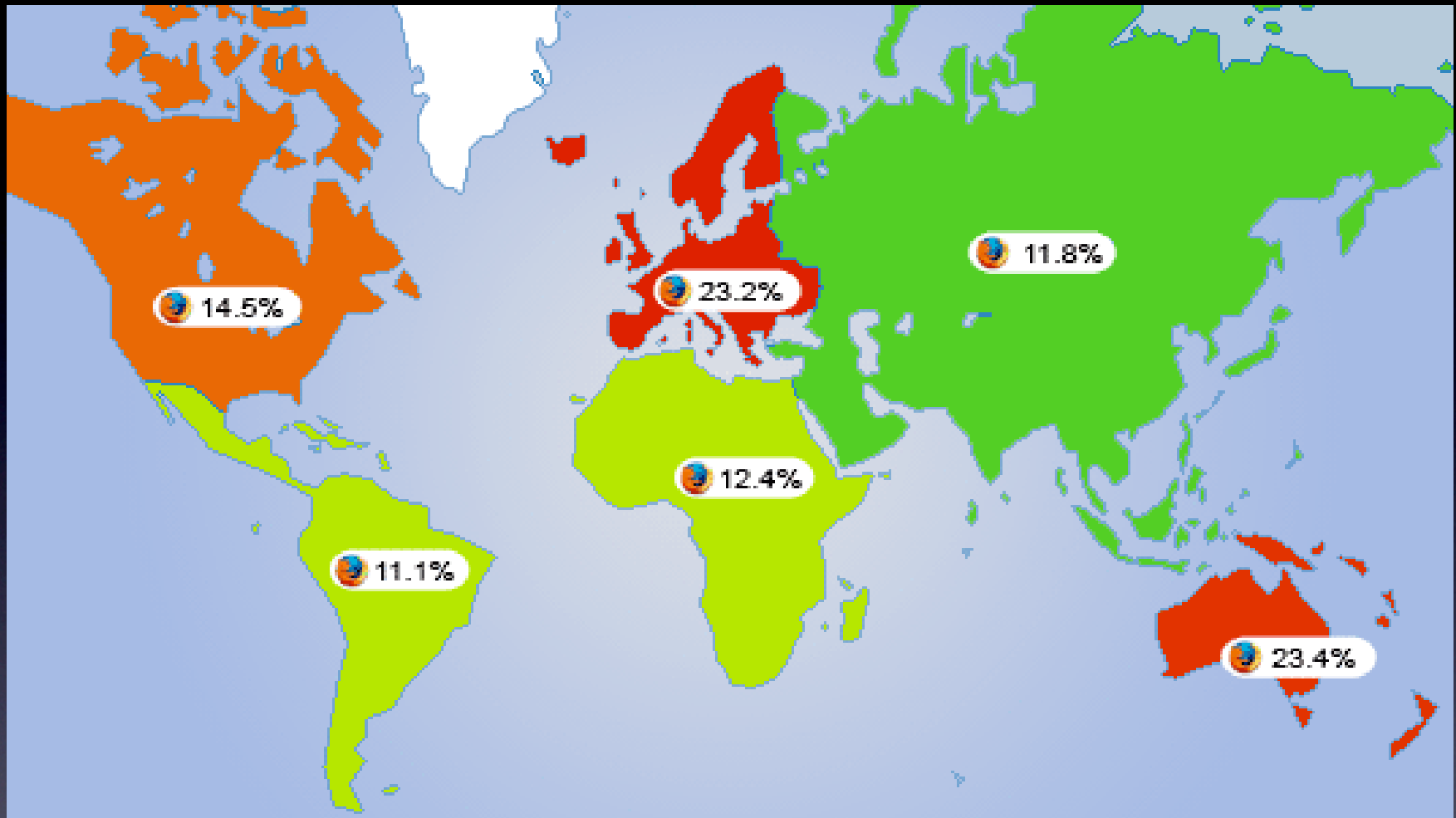
- “I suggest dumping Microsoft's Internet Explorer Web browser, which has a history of security breaches. I recommend instead Mozilla Firefox.”

Walt Mossberg, Wall Street Journal

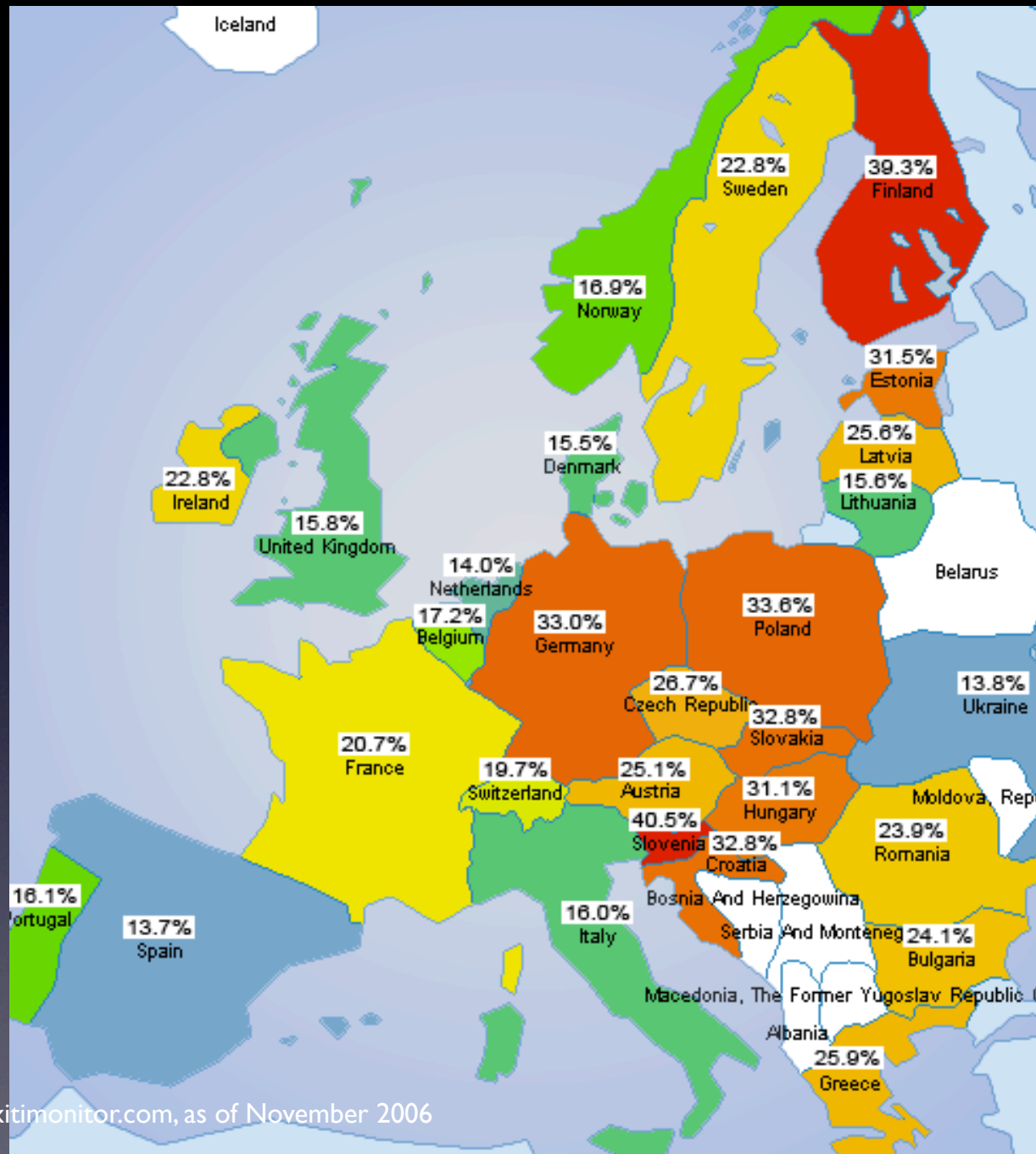
- “The best browser around. Period.”

Paul Rowlingson, VNUNet





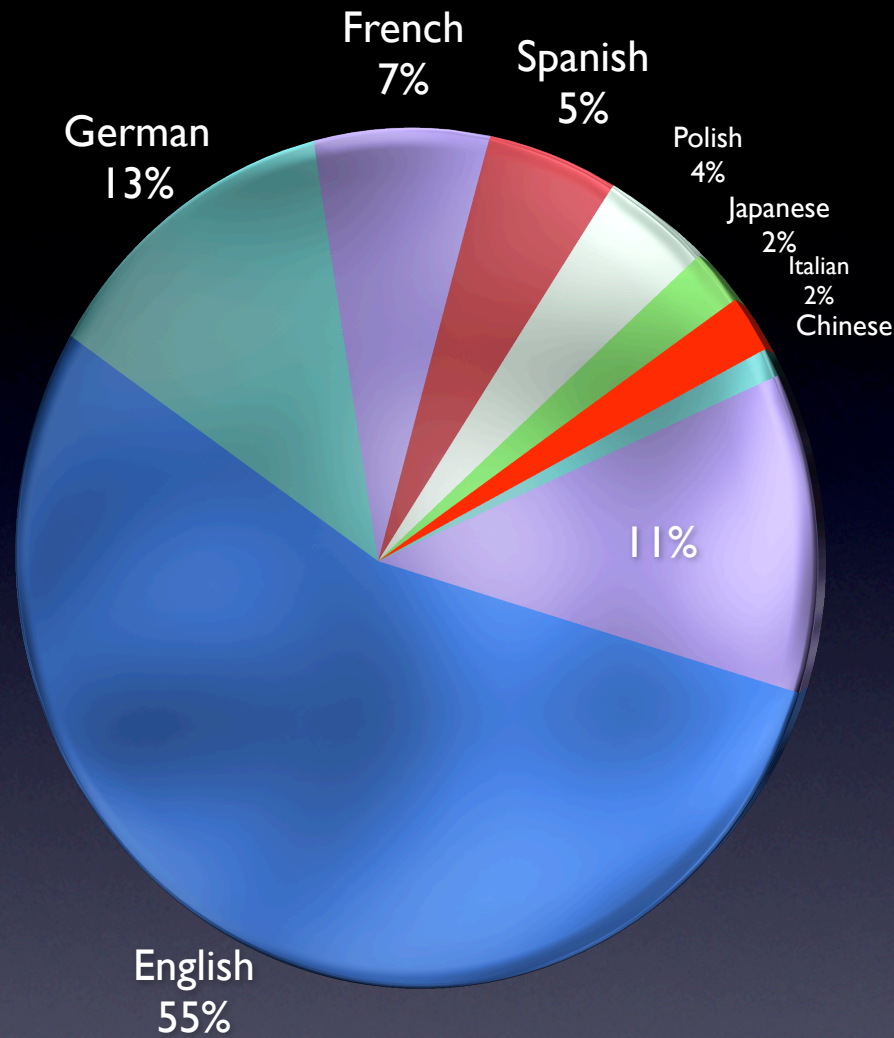
source: xitimonitor.com, as of November 2006



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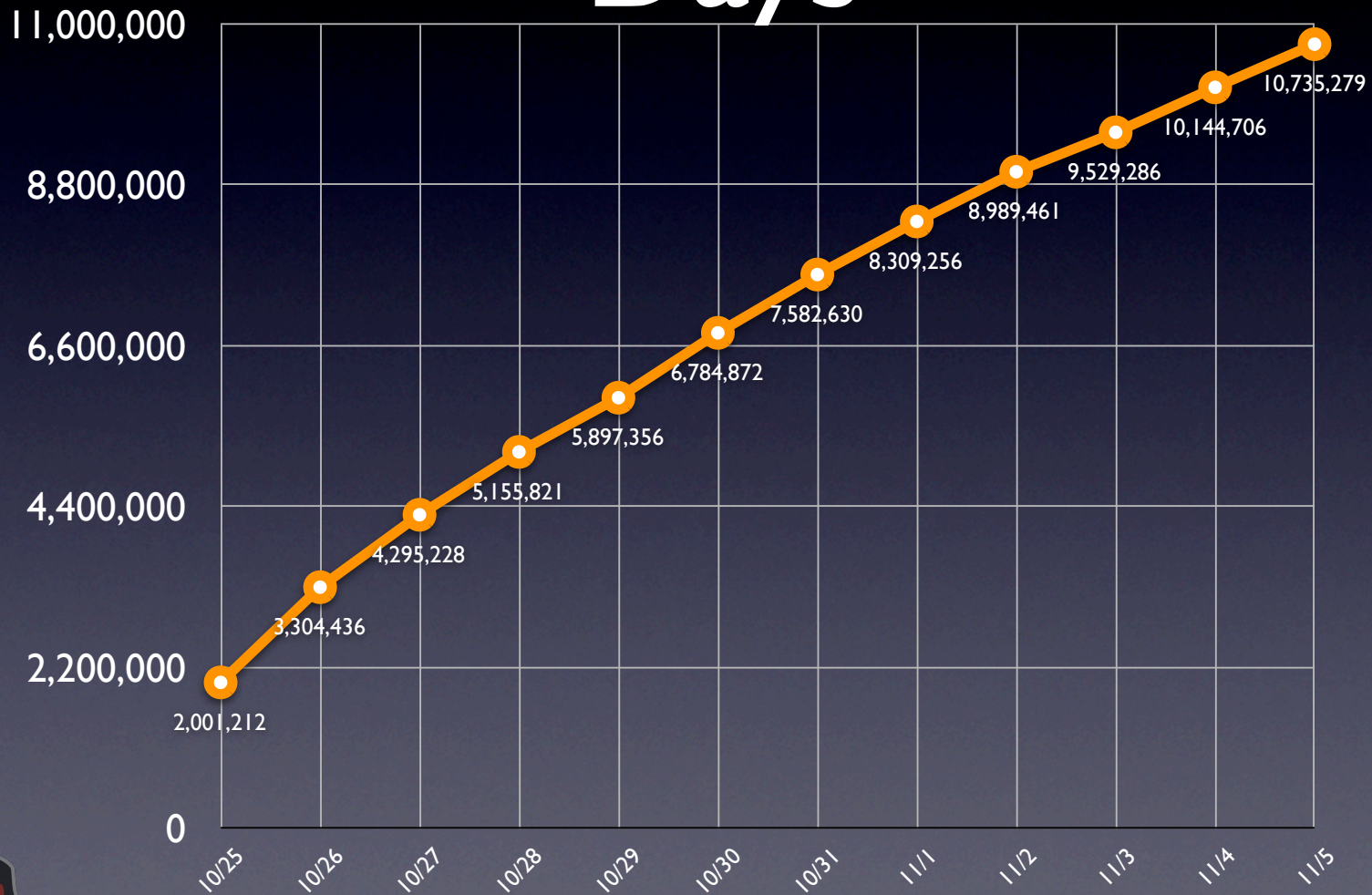
Firefox in 40+ Languages

- Afrikaans*
- Arabic
- Basque
- Belarusian*
- Bulgarian
- Catalan
- Chinese (s)
- Chinese (t)
- Czech
- Danish
- Dutch
- English
- English (gb)
- Finnish
- French
- Frisian
- Georgian*
- German
- Greek
- Gujarati
- Hebrew
- Hungarian
- Irish
- Italian
- Japanese
- Korean
- Kurdish*
- Lithuanian
- Norwegian(nb)
- Norwegian(no)
- Polish
- Portugese(br)
- Portugese(pt)
- Punjabi
- Romanian
- Russian
- Slovak
- Slovenian
- Spanish (ar)
- Spanish (es)
- Swedish
- Turkish

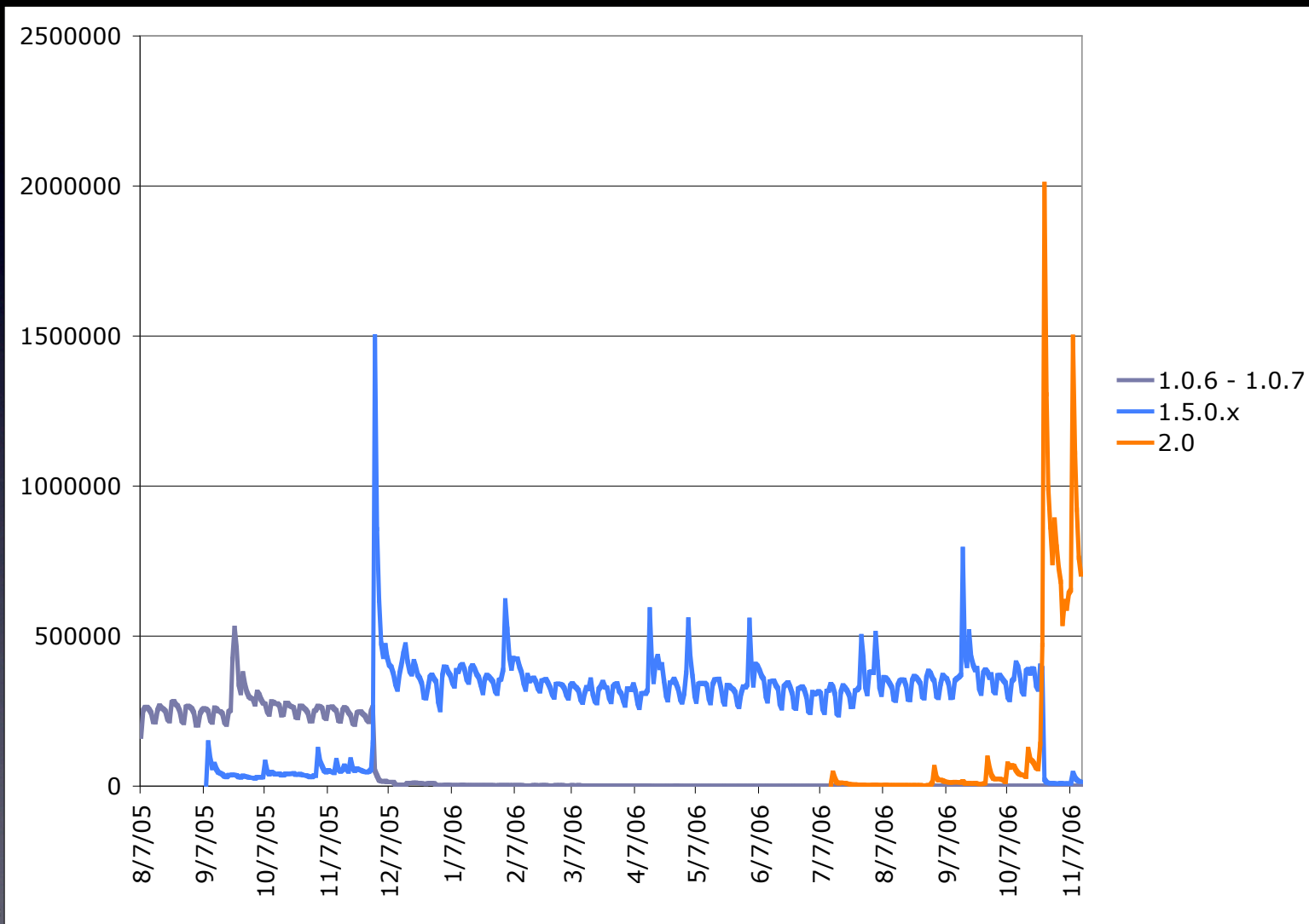


Non-English Growing

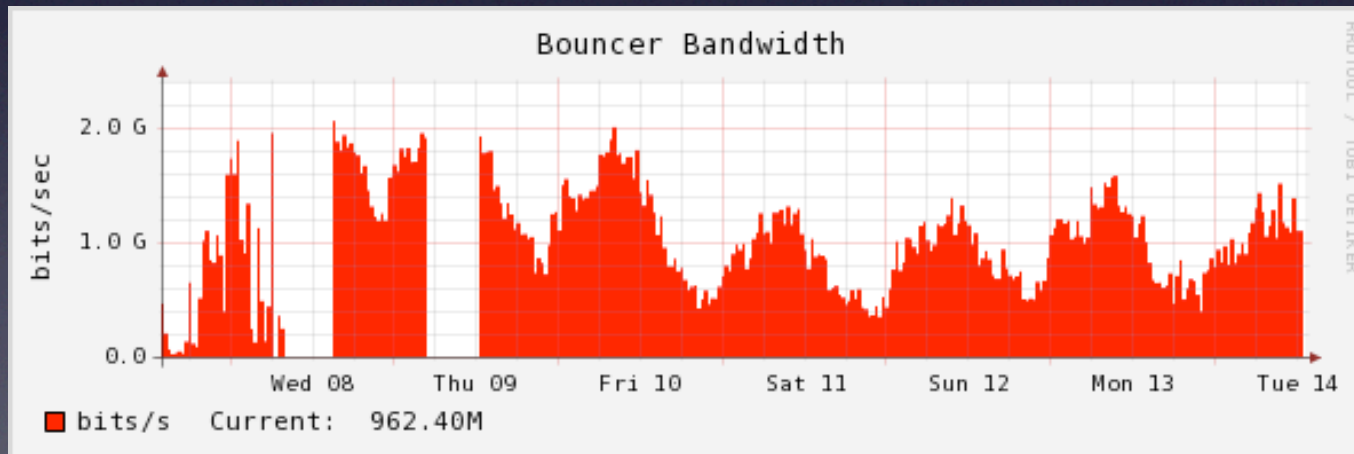
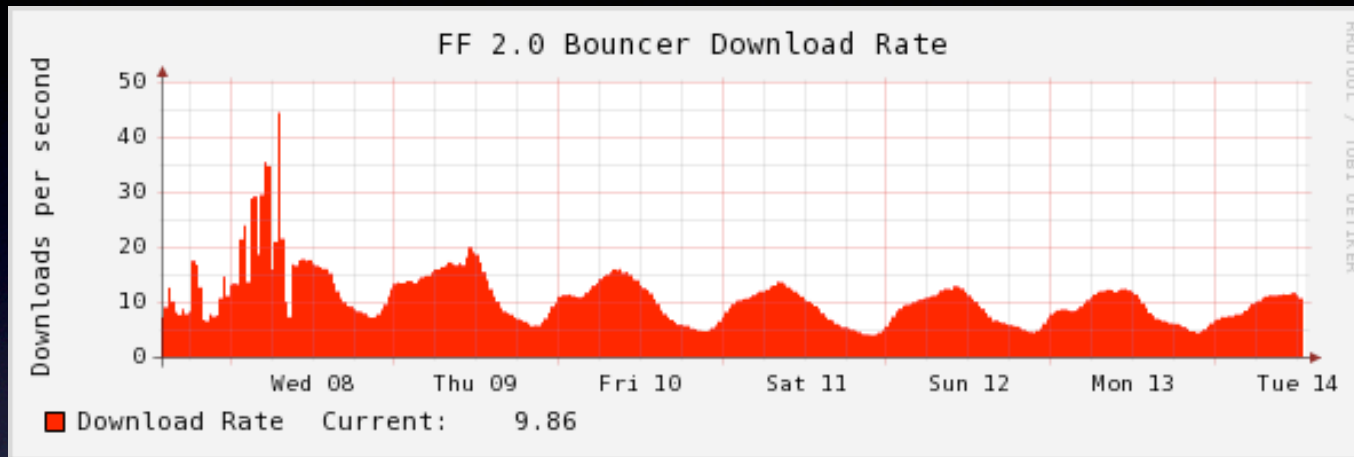
FF2 Downloads first 12 Days



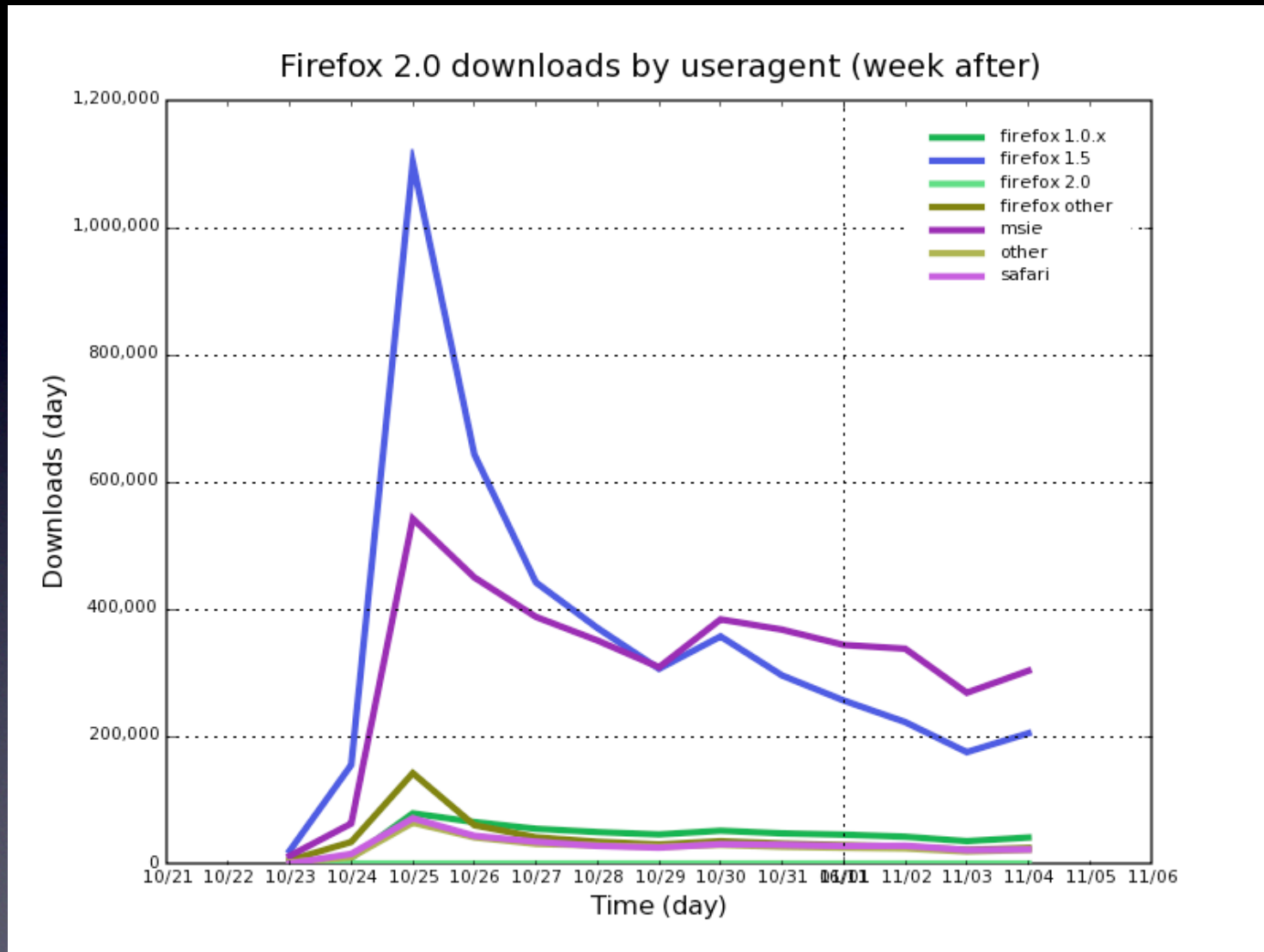
Downloads Per Day



Downloads

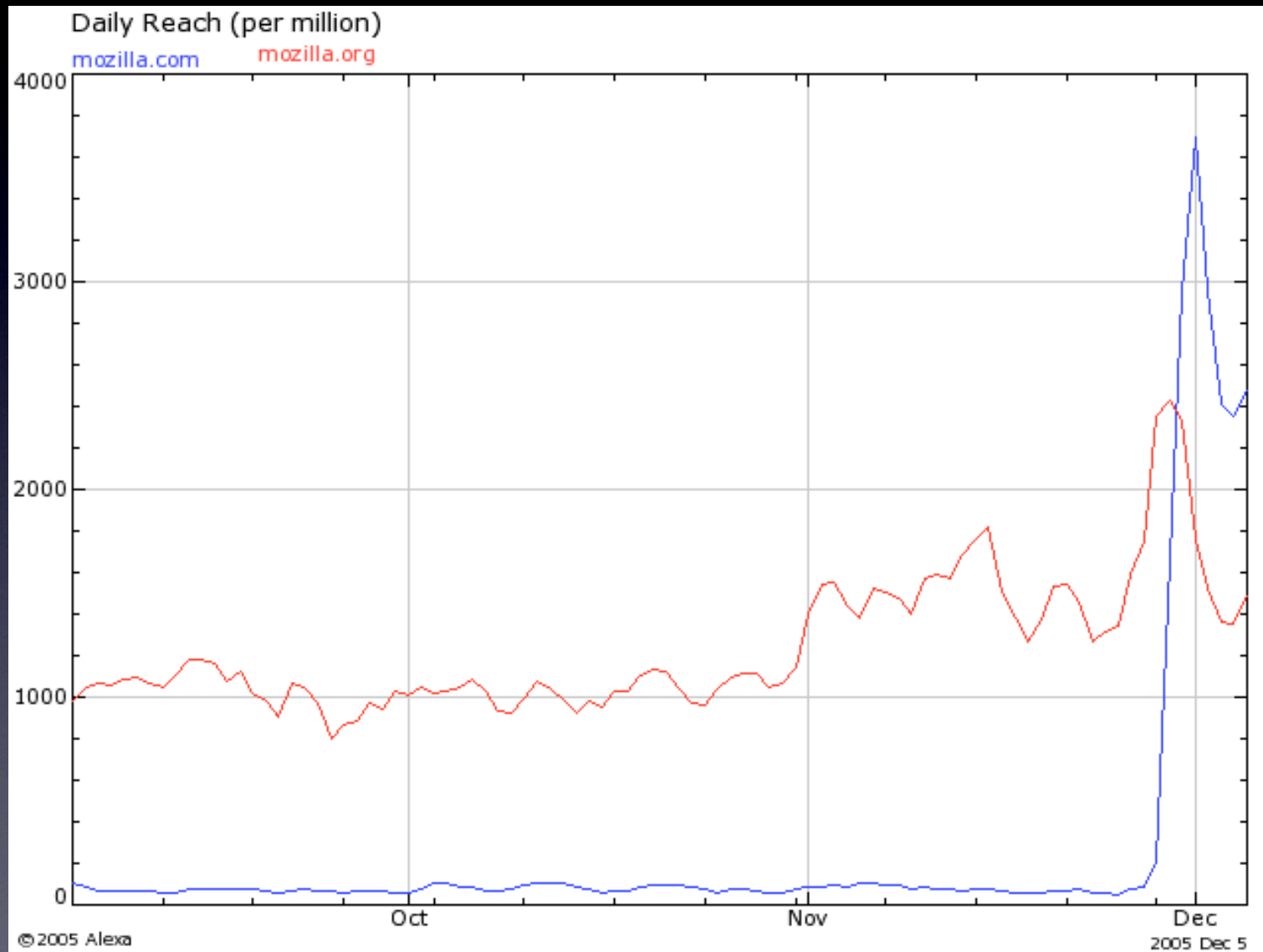


Downloads Coming From

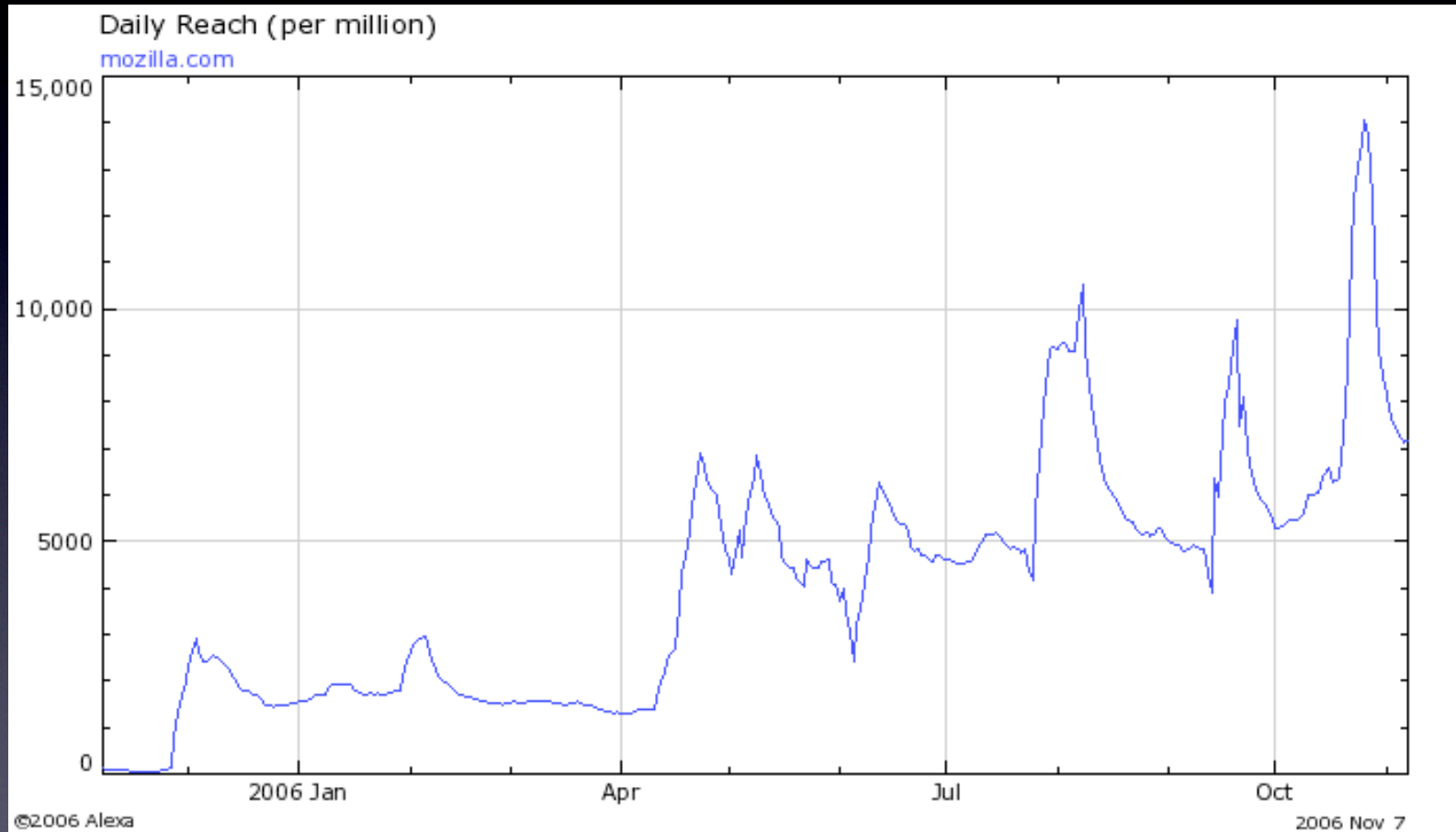


Reach 2005

Source: alexa.com, 11/7/2006



Reach 2006



Activity over last year

- Total Bugzilla Accounts: 263,705
- Active accounts: 24,937
- Bug reporters: 16,470
- Still at ~1,000 comments a day
- Oldest Bugs Fixed:
 - 21344 (Mailnews) Opened: 1999-12-09
 - 26269 (FF) Opened: 2000-02-02
- Bugs Fixed (excluding dups/etc): 3,930



Fewer Days at Risk

- In 2006, Firefox users were at risk for 9 days
- MSIE & MSIE-based browser users at risk for 284 days
- “at risk” defined as exploits disclosed but unpatched

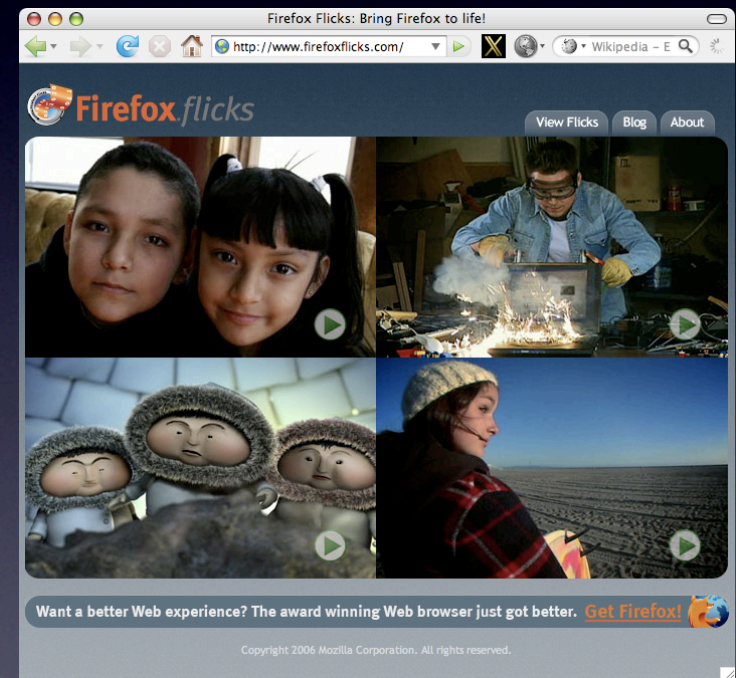
Month	Publicly Disclosed	Actively Exploited
December 2005	Dec. 27: MS06-001 (CVE-2005-4560) - Oday in Windows Metafile Format (WMF). Patch issued Jan. 5.	
January 2006		Jan. 7: MS06-004 (CVE-2006-0020) - Proof of concept for Windows Metafile Format flaw. Patch issued Feb. 14.
February 2006		
March 2006		Mar. 16: MS06-013 (CVE-2006-1245) - Proof of concept exploit for IE Microsoft Internet Explorer 6.0.2900.2180 (mshhtml.dll). Patch issued Apr. 11.
April 2006		Mar. 22: MS06-013 (CVE-2006-1359) - Proof of concept exploit for Microsoft Internet Explorer 6 and 7 Beta 2. Patch issued Apr. 11.
May 2006	May 31: MS06-043 (CVE-2006-2766) - Proof of concept exploit for MHTML Parsing Vulnerability in IE. Patch issued Aug. 8.	
June 2006		
July 2006		July 18: MS06-043 (CVE-2006-2766) - Proof of concept code for Microsoft Internet Explorer 6 on Windows XP SP2 (setslice).
August 2006		Aug. 27: MS06-067 (CVE-2006-4446) - Proof of Concept exploit for Microsoft Internet Explorer 6.0 SP1 (DIRECT ANIMATION). Patch issued Nov. 14.
September 2006	Sept. 18: MS06-057 (CVE-2006-3730) - IE Oday Vector Graphics Rendering engine (vgx.dll), as used in Microsoft Outlook and Internet Explorer 6.0. Patch issued Sept. 26.	Sept. 13: MS06-067 (CVE-2006-4777) - Oday flaw in Internet Explorer 6.0 SP1 (daxctle.ocx). Patch issued Nov. 14.
October 2006		Sept. 26: Exploited in the wild. Patch issued Oct. 10.
November 2006	Oct. 24: CVE-2006-5559 - ADODB.Connection 2.7 and 2.8 ActiveX control objects in Internet Explorer 6.0 Unpatched.	Nov. 3: MS06-071 (CVE-2006-5745) - Oday: IE-related (not installed by default on Windows). Patched Dec. 14.
December 2006		

Compiled by Brian Krebs, washingtonpost.com - January 4, 2007



Firefox Flicks

- Campaign for consumer-generated commercials
- More than 300 entries in 3 months
- Very high quality -- premiered at San Francisco Film Festival
- Currently airing on US TV



Whee!, by Jeff Gill



This is Hot, by Danny Robashkin



Working smarter

- Automated testing
- New Version Control
- Developer build farm
- Build Automation
- Tinderbox configs in cvs
- Talkback storing > 90 of data - no backlog



Automated Testing

- On every release
 - I10n verification
 - Update verification
 - Download tester
- On every *checkin*
 - ~ 3000 tests run
 - This is just the *beginning*

```
L C  
TUnit  
220/0  
reftest  
354/0  
mochitest  
2220/0/7
```



Mozilla Infrastructure

- Mozilla.com/org websites are now globally load balanced
 - Reduced page load time from 5s to .5s in most places in Europe
- CVS/SVN mirror in Netherlands
- Ongoing improvements to IT infra



Increasing focus on i18n

- Product
 - Locales: 40 today going to 100
 - Improved international font support
- Organization
- Infrastructure



Reviving Developer Days

- Old tradition from Netscape time
- Informal daylong miniconferences for Mozilla developers
- NA West Coast: Sunday 3/25 in Mountain View
- NA East Coast: Friday 3/30 in Boston
- More to come soon in Europe & Asia
- <http://wiki.mozilla.org/DeveloperDays>

Community Program Mission

The Community Program will use a portion of Mozilla revenue to support and strengthen the activities of the Mozilla community. We will start by reaching out to our dedicated community contributors. As the program grows, we will look to expand to supporting new contributors and new projects.



Program to date

- The program has distributed over \$70,000 in funds through Q1 2007
 - 33 proposals reviewed or in the pipeline
 - 19 Approved
 - 6 Denied
 - 3 Moved to different focus area



Distributions

- Hardware/software to community
- Grant to the OSL
- Travel for localizers to FOSDEM 2007
- Helping to fund a meet-up for accessibility community

visit <http://blog.mozilla.com/Seth> or email
sethb@mozilla.com



The Mozilla Manifesto

- Published by Mitchell Baker February 13, 2007 as a discussion starting point
- 10 principles
- Intended to highlight the fundamentals of why Mozilla exists and what it stands for
- Some principles seem obvious, but aren't (yet!) universal
- http://weblogs.mozillazine.org/mitchell/archives/2007/02/the_mozilla_manifesto_introduc.html

What's Next?

- 2.0.0.2/1.5.0.10 updates to Firefox/Thunderbird
 - Improved Vista Support
 - Final bug fixes for 1.5.0.x->2.0.0.x major update
- Thunderbird 2
- Preparing for 1.5.0.x->2.0.0.x major update (late Feb/Early March)
- Addons.mozilla.org redesign



What's Next?

- Firefox 3 -- Q4 2007
 - New graphics engine; ACID2
 - Support for offline AJAX applications
 - Improvements to Addons
 - New Bookmarks/History Infrastructure
- Mozilla2 & Firefox 4 -- 2008
- Javascript 2, more AJAX tooling



Gecko 1.9 Progress

- Gecko 1.9 Alpha 2 released Feb 7
 - Reflow branch - passes ACID2
 - inline-block and inline-table attributes of CSS supported
 - Incremental XML rendering
 - Improved Mac widgets
 - Cairo improvements



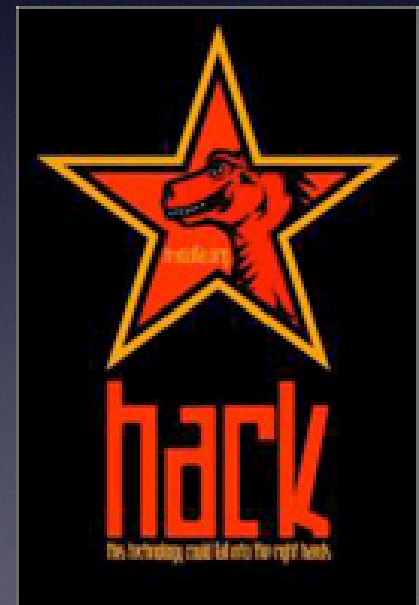
Mozilla2

- Better embedding APIs, on the outside
- Simpler, more approachable C++-std code
- Oink-based refactoring/deCOMtamination
- Major DHTML performance improvements
- JS2 via Tamarin/SpiderMonkey JITed VM
- Tool- and run-time security properties
- Even faster and fancier text and graphics



Ways to Get Involved

- Spread the word!
spreadfirefox.com
- Give us feedback
- Write an Add-on
developer.mozilla.org
- Become a contributor
- Join MoCo!



Even Aliens Prefer Firefox...





Thank you very much!

schrep@mozilla.com