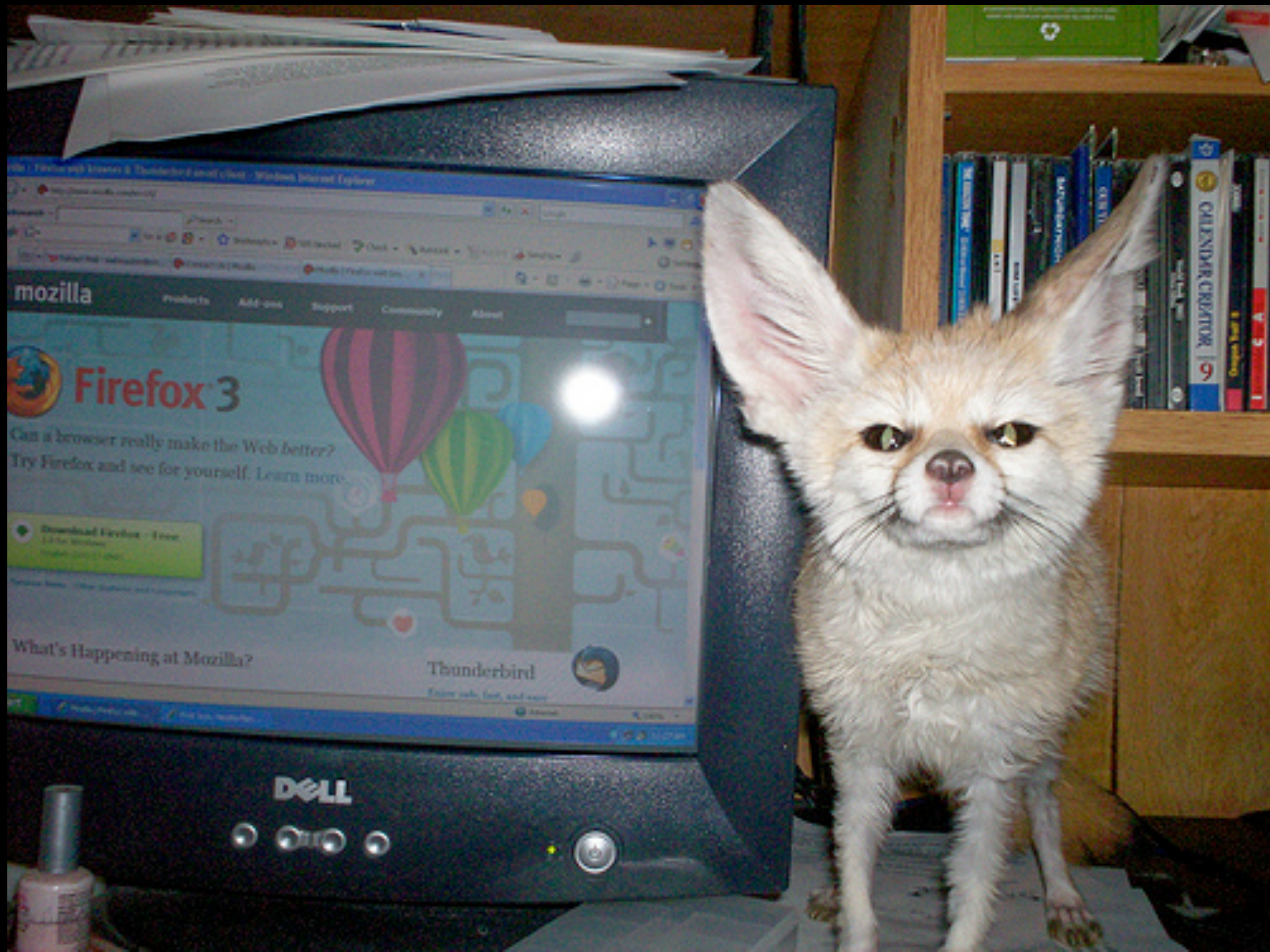


Fennec

firefox for mobile

a presentation for COSCUP 2008

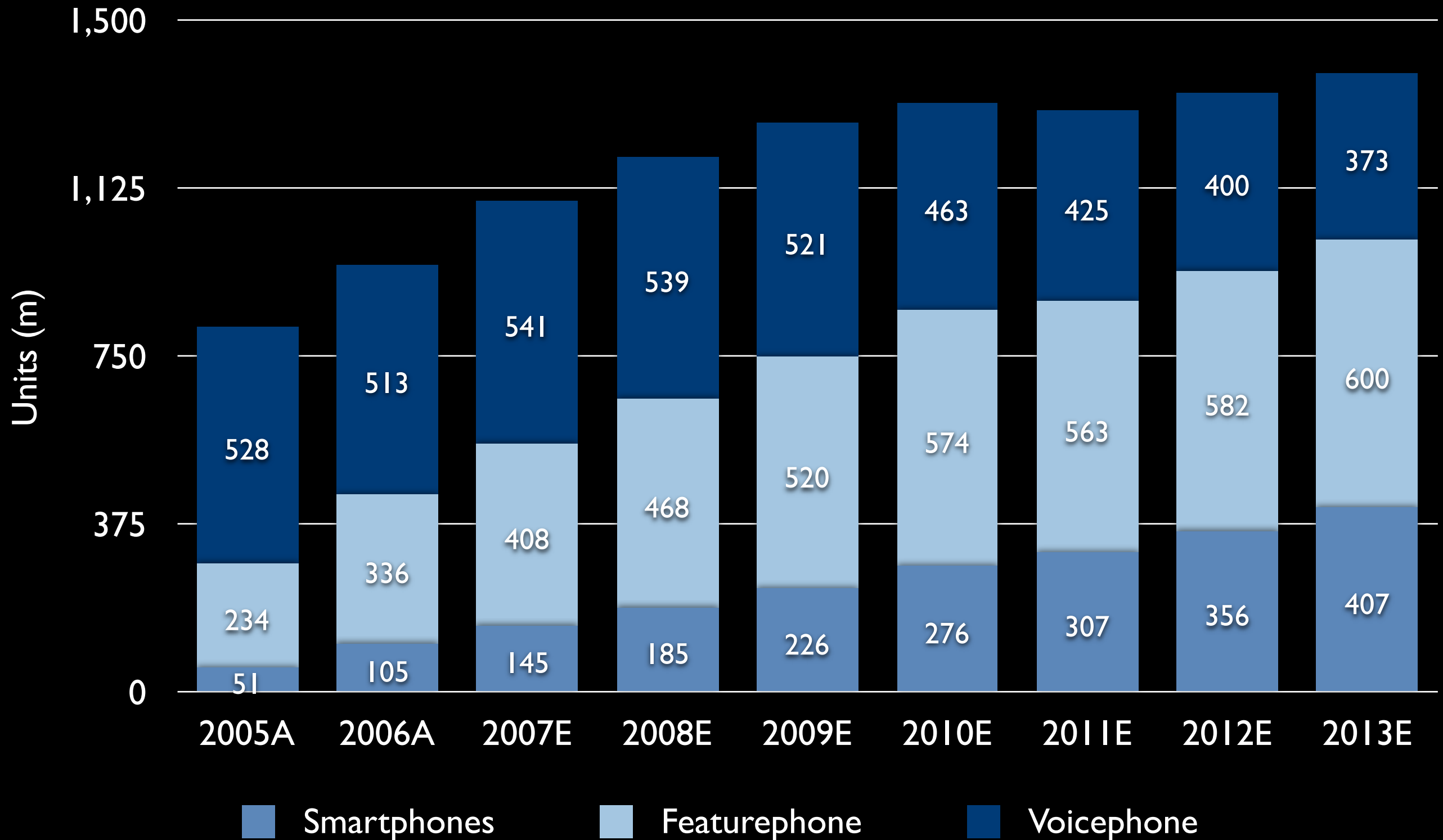


Courtesy of <http://www.crittercamp.biz>

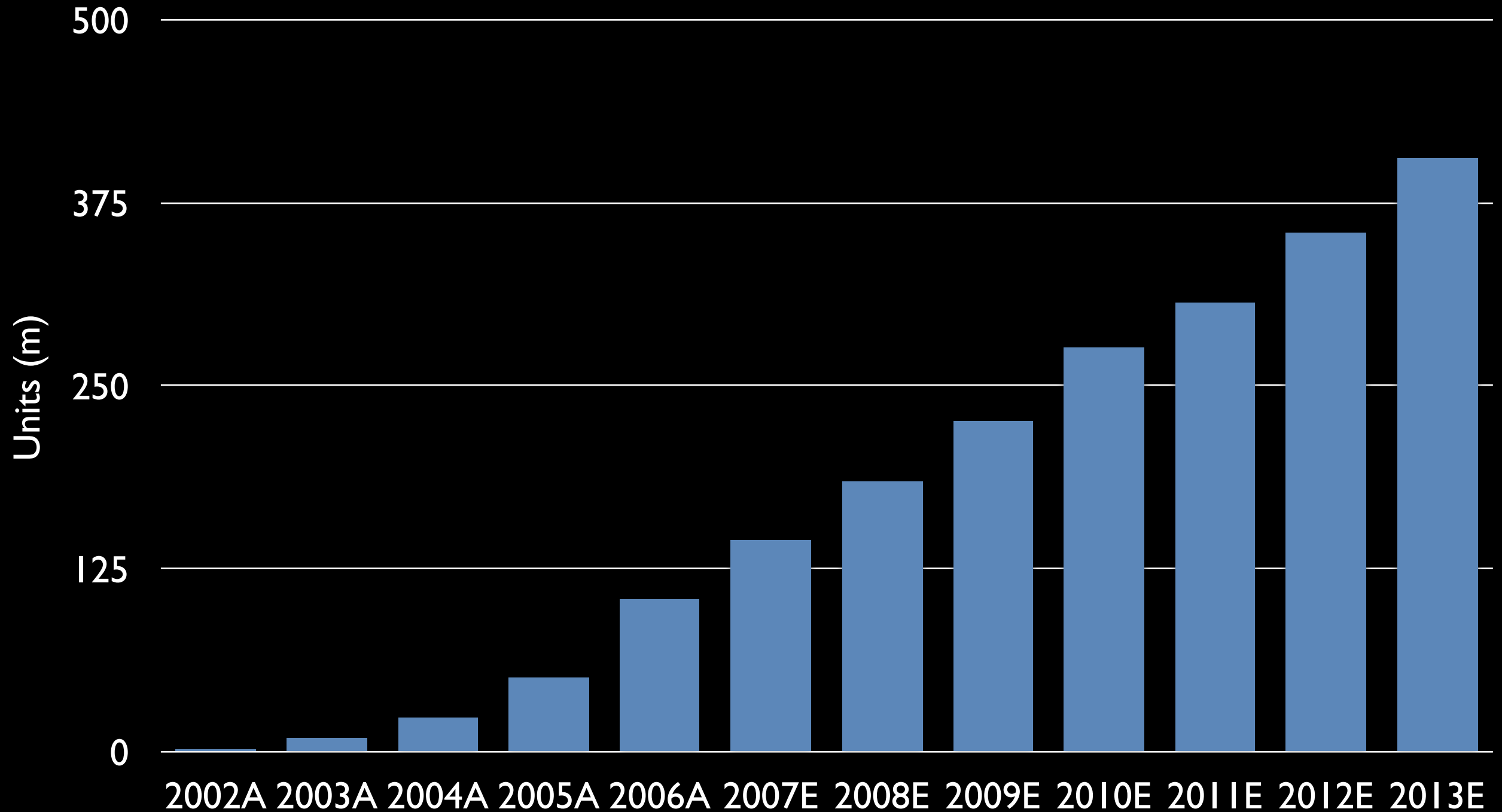


Why is Mobile
Important Now?

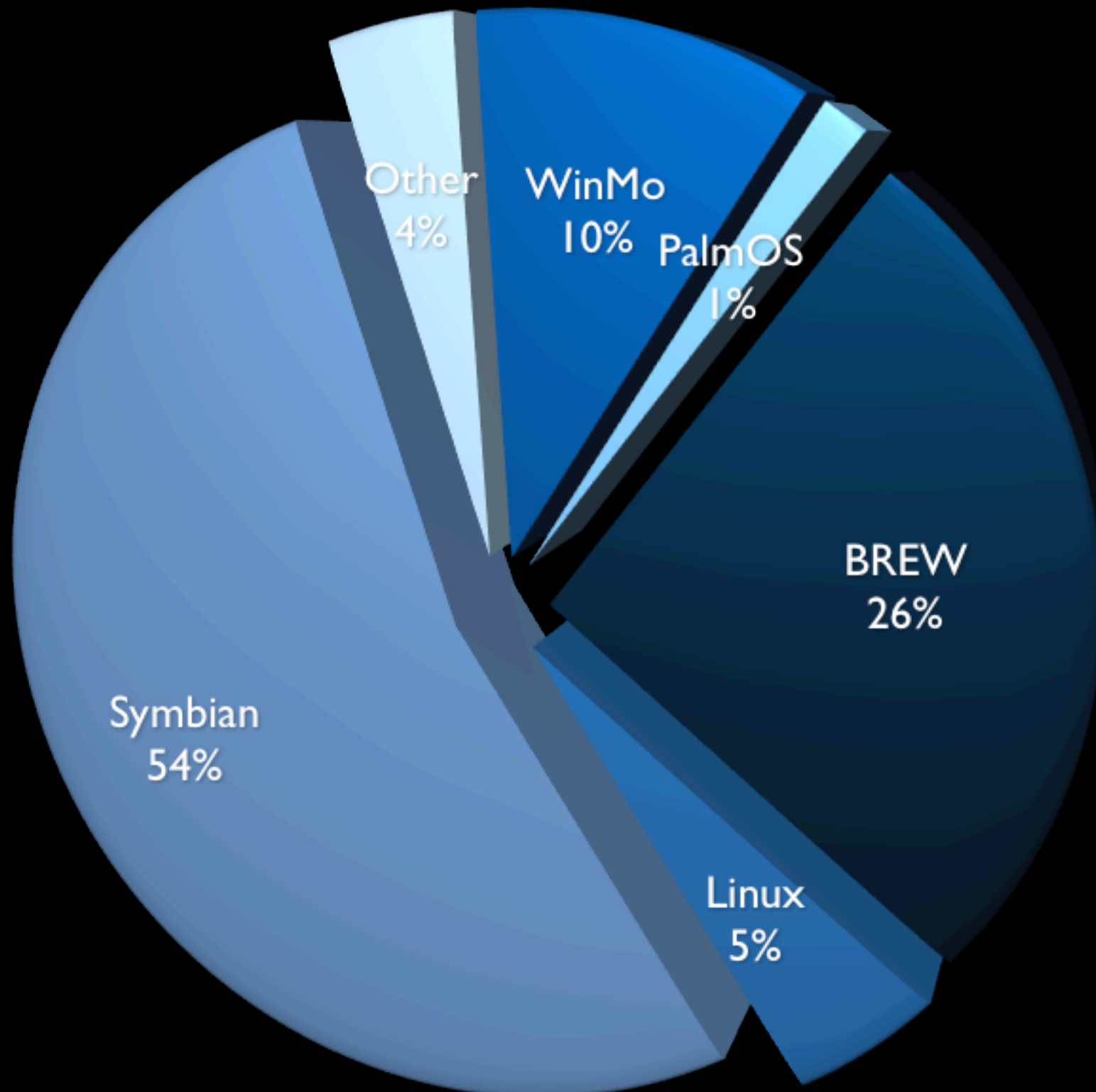
Mobile Phone Market



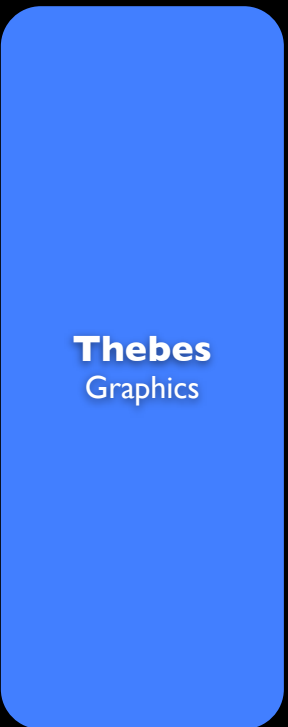
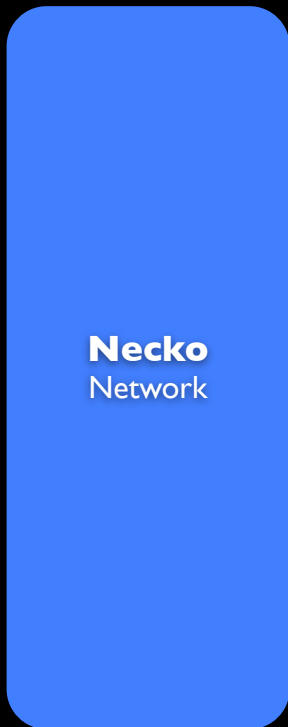
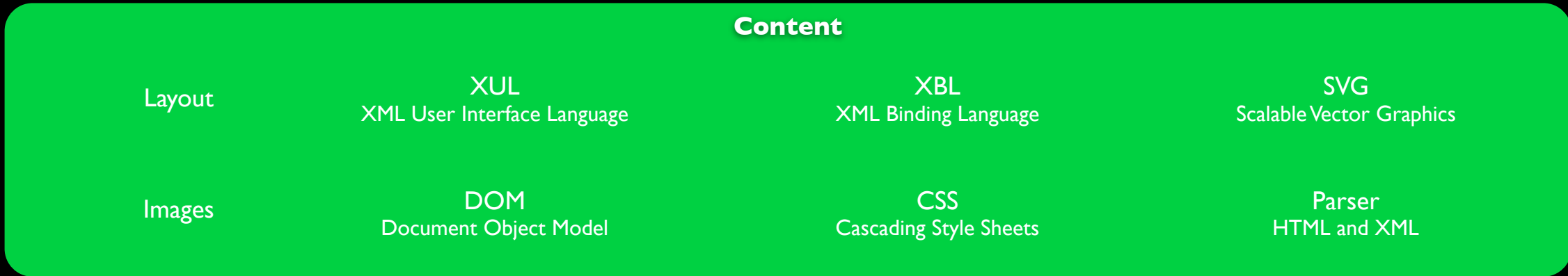
Smartphone Shipments



Market Share 2007



web



Mobile Firefox

XULRunner

Toolkit

Extension Manager, Update, Moz Storage, Spell Checking, Brakepad, ...

Content

Layout

XUL
XML User Interface Language

XBL
XML Binding Language

SVG
Scalable Vector Graphics

Images

DOM
Document Object Model

CSS
Cascading Style Sheets

Parser
HTML and XML

Necko
Network

NSS/PSM

Network Security Services/Personal Security Manager

XPCOM

Cross Platform Component Object Model

XPCoconnect

Bridge JavaScript and XPCOM

JavaScript

Widget

Event Handling and Windowing

Thebes
Graphics

SQLite
Storage

NSPR

Netscape Portable Runtime: Cross Platform API

Cairo
Graphics

Platforms

Embedded Linux, Windows Mobile, Symbian?, ...

Design Principles

Everything you expect from Firefox

Features

Performance

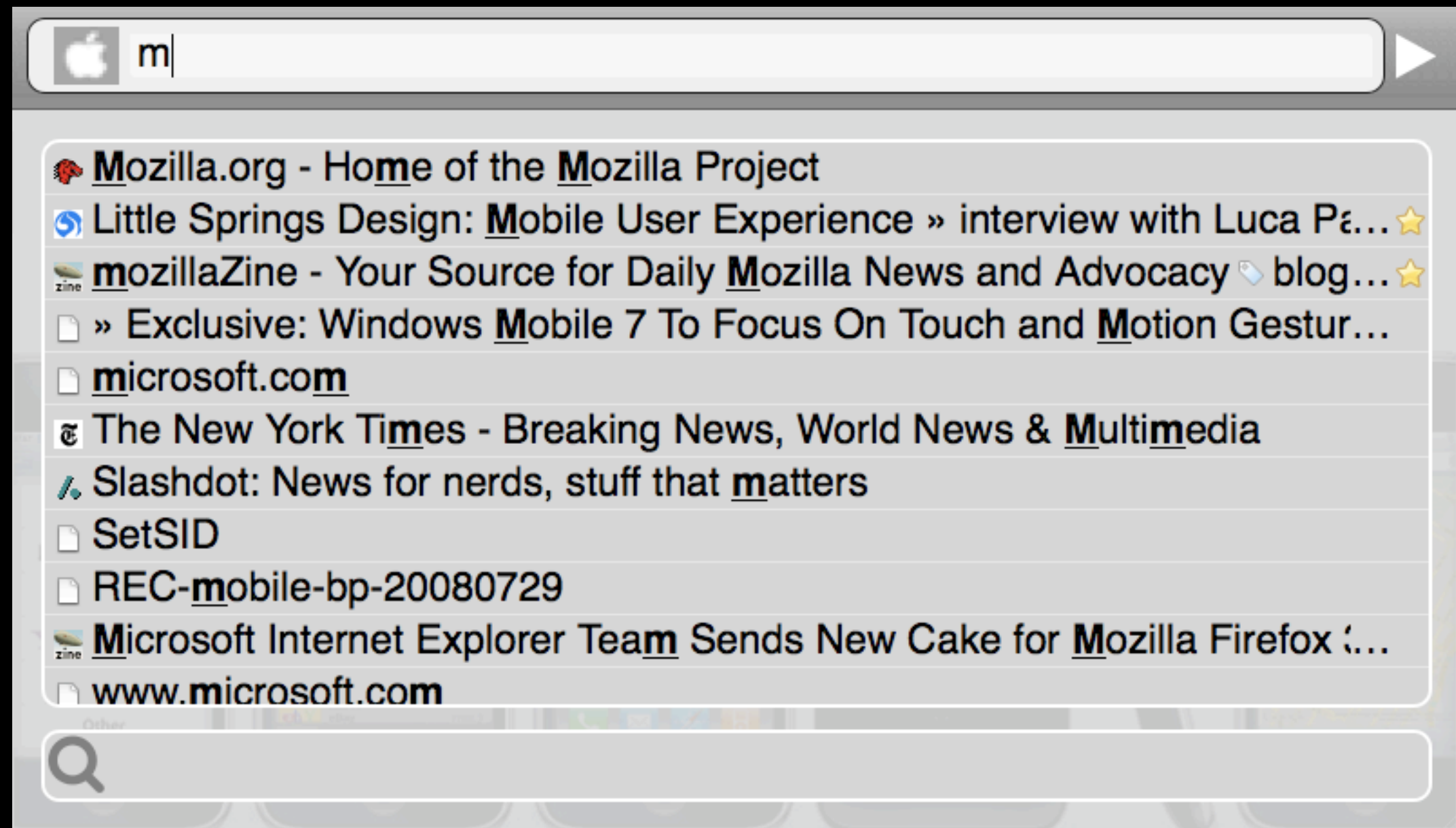
Simplicity

Advanced use of device capabilities

Good use of small screen

Features

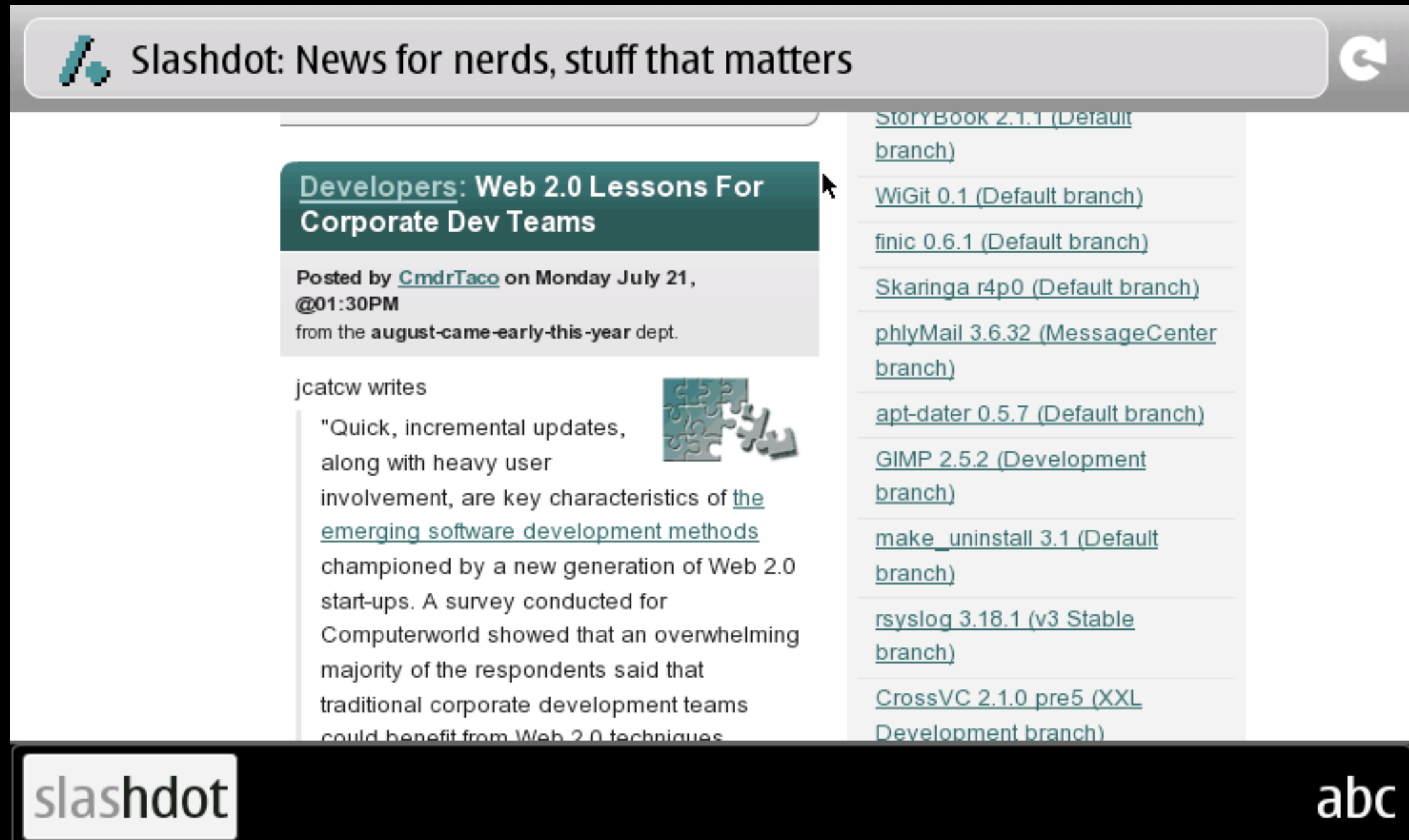
Awesomebar



Control Strip

The image shows a screenshot of the Mozilla Firefox 3 website. The browser's address bar at the top displays "Mozilla | Firefox web browser & Thunderbird email client". Below the address bar is a navigation menu with the "mozilla" logo and links for "Products", "Add-ons", "Support", "Community", and "About". The main content area features the Firefox 3 logo and the text "Can a browser really make the Web better? Try Firefox and see for yourself. [Learn more.](#)". A prominent green button labeled "Download Firefox - Free" is visible, with subtext "3.0.1 for Linux i686" and "English (US) (9.2MB)". Below the button are links for "Release Notes", "Other Systems and Languages", "What's Happening at Mozilla?", and "Thunderbird". The background of the website is decorated with colorful, stylized alien spacecraft and circuit patterns. On the right side of the browser window, a vertical "Control Strip" is visible, containing several icons: a refresh button, a back button, a forward button, a star icon for bookmarks, a star icon for history, and a plus sign for additional options.

Small Screen Optimized



Slashdot: News for nerds, stuff that matters

Developers: Web 2.0 Lessons For Corporate Dev Teams

Posted by [CmdrTaco](#) on Monday July 21, @01:30PM
from the [august-came-early-this-year](#) dept.

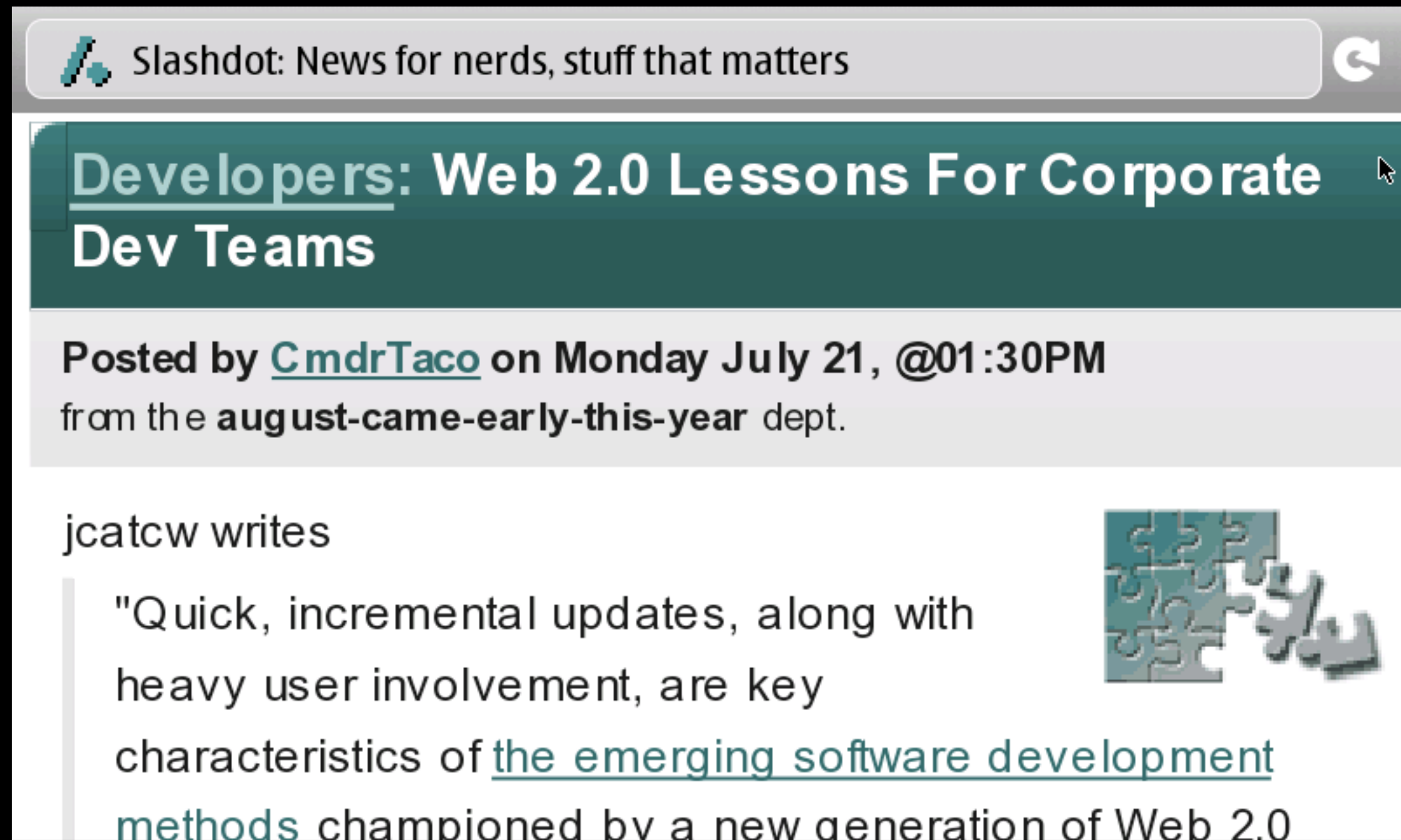
jcatcw writes

"Quick, incremental updates, along with heavy user involvement, are key characteristics of [the emerging software development methods](#) championed by a new generation of Web 2.0 start-ups. A survey conducted for Computerworld showed that an overwhelming majority of the respondents said that traditional corporate development teams could benefit from Web 2.0 techniques

- [StoryBook 2.1.1 \(Default branch\)](#)
- [WiGit 0.1 \(Default branch\)](#)
- [finic 0.6.1 \(Default branch\)](#)
- [Skaringa r4p0 \(Default branch\)](#)
- [phlyMail 3.6.32 \(MessageCenter branch\)](#)
- [apt-dater 0.5.7 \(Default branch\)](#)
- [GIMP 2.5.2 \(Development branch\)](#)
- [make_uninstall 3.1 \(Default branch\)](#)
- [rsyslog 3.18.1 \(v3 Stable branch\)](#)
- [CrossVC 2.1.0 pre5 \(XXL Development branch\)](#)

slashdot abc

Small Screen Optimized



The image shows a screenshot of a web browser displaying a Slashdot article. The browser's address bar at the top shows the URL "Slashdot: News for nerds, stuff that matters" with a refresh icon on the right. The article title is "Developers: Web 2.0 Lessons For Corporate Dev Teams", with "Developers:" underlined. Below the title, it says "Posted by [CmdrTaco](#) on Monday July 21, @01:30PM from the [august-came-early-this-year](#) dept." The author's name "jcatcw" is followed by "writes". The main text begins with "Quick, incremental updates, along with heavy user involvement, are key characteristics of [the emerging software development methods](#) championed by a new generation of Web 2.0". To the right of the text is a small image of several interlocking puzzle pieces, some of which are missing or slightly offset.

Slashdot: News for nerds, stuff that matters

Developers: Web 2.0 Lessons For Corporate Dev Teams

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Tab Space

HOME PAGE MY TIMES TODAY'S PAPER VIDEO MOST POPULAR TIMES TOPICS Get Times Reader Free | Log In | Register Now

With every purchase, Visa prevents, detects and resolves online fraud.

The New York Times

Tuesday, July 29, 2008 Last Update: 9:02 PM ET

SAFE. SECURE.
VISA

| Personalize Your Weather

JOB
REAL ESTATE
AUTOS
ALL CLASSIFIEDS

WORLD
U.S.
Politics
Washington
Education

N.Y./REGION

BUSINESS

TECHNOLOGY

SPORTS

OLYMPICS

SCIENCE

HEALTH

OPINION

ARTS
Books
Movies
Music

Alaska Senator Is Charged With Failing to Disclose Gifts

By DAVID STOUT and DAVID M. HERSZENHORN 5:23 PM ET

Senator Ted Stevens was indicted on seven counts of falsely reporting income, in charges related to renovations on his home and to gifts he has received.

- More From The Caucus
- Text of the Indictment (pdf)
-
- Times Topics: Ted Stevens

Back Story With The Times's David M. Herszenhorn (mp3)

08 THE 2008 CAMPAIGN



Courtesy Obama Campaign

THE LONG RUN
As Professor, Obama Enthralled and Puzzled

By JODI KANTOR 5:03 PM ET

In his 12 years at the University of Chicago Law School, Barack

TRAVEL »
Taking the Plunge in Oregon's Grand Canyon

Snake between sheer rock walls in a wild, wet ride down the Owyhee River.



Airfares on Sale Now, so Act Fast

Some airlines are slashing rates on certain routes to bolster demand.



OPINION »

- Herbert: Obama's Offense
- Brooks: Education Progress
- The Board
- The Opinionator
- Editorial: Justice Dept.
-

3.50% Online Savings Account
HSBC Direct.

MARKETS » At close 07/29/2008

S.&P. 500	Dow	Nasdaq
1,263.19	11,397.56	2,319.62
+28.82	+266.48	+55.40
+2.33%	+2.39%	+2.45%

GET QUOTES

Stock, ETFs, Funds

Tab Space

The image shows a web browser window displaying the New York Times homepage. The address bar shows the URL <http://nytimes.com/>. The page features the newspaper's masthead, a search bar, and a navigation menu. A 'New Tab' overlay is visible on the left side of the browser window, showing a list of open tabs. The main content area displays a large article titled 'As Professor, Obama Enthralled and Puzzled' by Jodi Kantor, dated 5:03 PM ET. The article includes a photo of Barack Obama pointing at a whiteboard with handwritten notes. To the right of the main article, there are several smaller sections: 'TRAVEL' with a sub-headline 'Taking the Plunge in Oregon's Grand Canyon', 'OPINION' with a list of articles, and 'MARKETS' with a table of stock indices. A 'VISA' logo is visible in the top right corner of the page.

http://nytimes.com/

The New York Times

Tuesday, July 29, 2008 Last Update: 9:02 PM ET

Search

Personalize Your Weather

As Professor, Obama Enthralled and Puzzled
By JODI KANTOR 5:03 PM ET
In his 12 years at the University of Chicago Law School, Barack

TRAVEL »
Taking the Plunge in Oregon's Grand Canyon
Snake between sheer rock walls in a wild, wet ride down the Owyhee River.

Airfares on Sale Now, so Act Fast
Some airlines are slashing rates on certain routes to bolster demand.

OPINION »

- Herbert: Obama's Offense
- Brooks: Education Progress
- The Board
- The Opinionator
- Editorial: Justice Dept.
- Comments (205)

3.50% Online Savings Account
HSBC Direct.

MARKETS » At close 07/29/2008



S.&P. 500	Dow	Nasdaq
1,263.19	11,397.56	2,319.62
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+2.33%	+2.39%	+2.45%

GET QUOTES My Portfolios »
Stock, ETFs, Funds Go



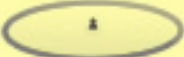
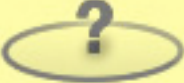
Location

Fennec 12:48 PM

HOME PAGE MY TIMES TODAY'S PAPER VIDEO MOST POPULAR TIMES TOPICS My Account

 The New York Times – Breaking New, World News & Multimedia 

nytimes.com wants to know where you are. Tell them:

 within 1 meter Exact location	 within 1km Neighborhood	 within 10km City	 Nothing
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Weave

Sync Bookmarks

Sync Tabs

Sync History

Sync Passwords

JS-tracing for ARM

Optimized for mobile networks

Lowering memory use

Faster startup

Supported Platforms



**Windows
Mobile™**

maemo™



LiMo Foundation

Wop!e



Contemplating



symbian
OS

Schedule

Alpha - Early September

Beta - Late 2008

Ship - Early 2009

Demo

Contact

irc #mobile

<nntp://mozilla.dev.platforms.mobile>

<http://wiki.mozilla.org/Mobile>