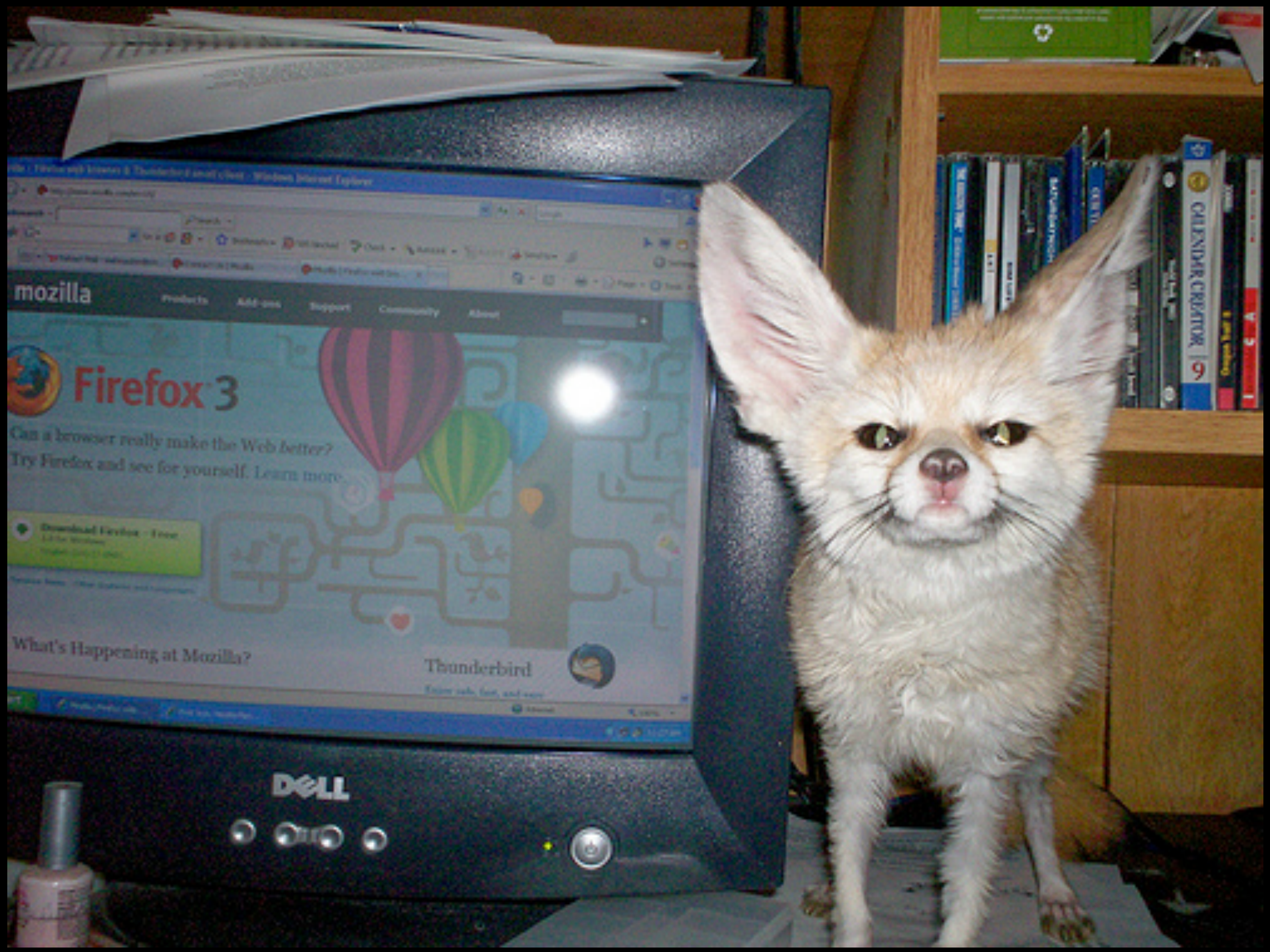
Fennec

firefox for mobile

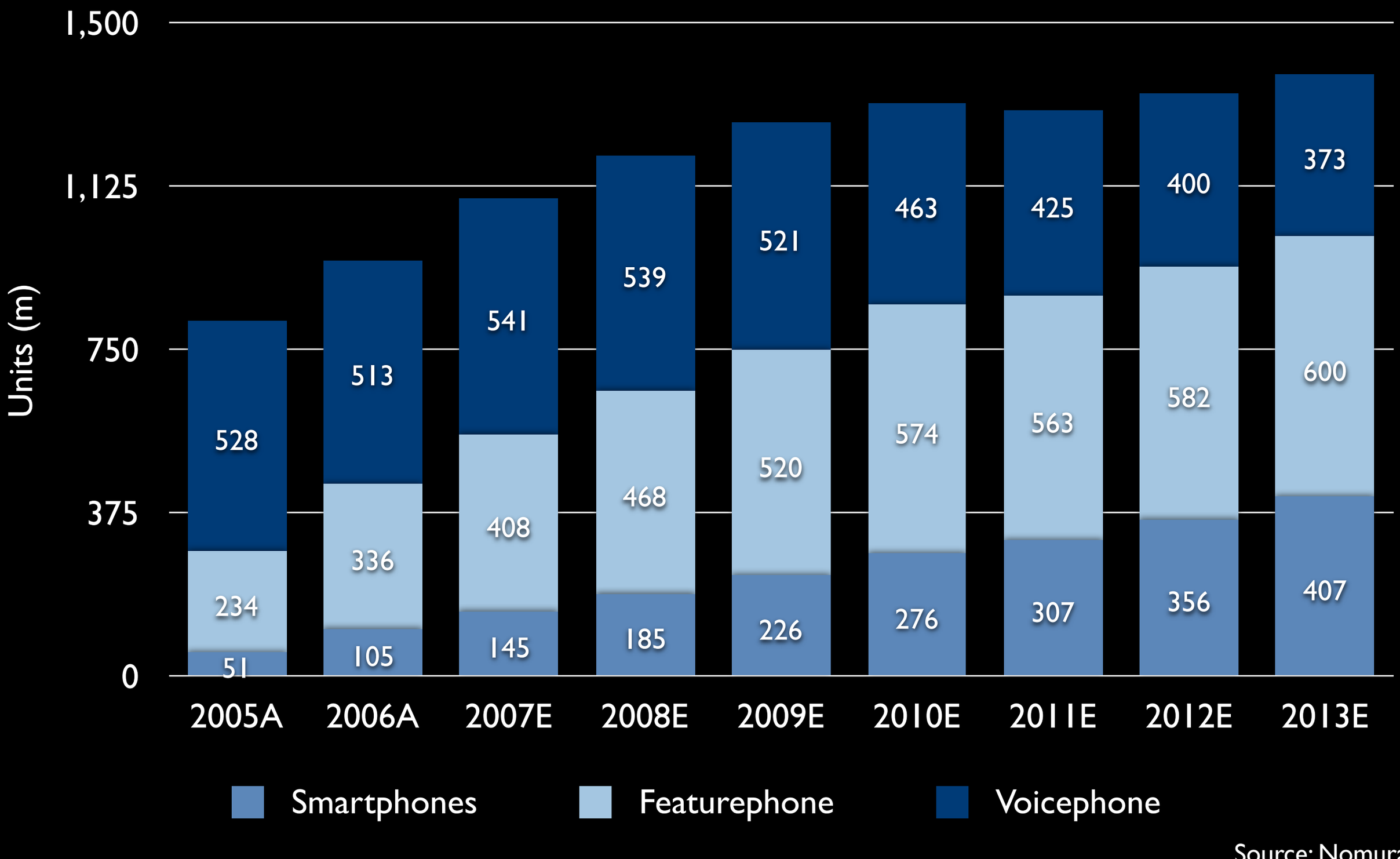
a presentation for COSCUP 2008



Courtesy of http://www.crittercamp.biz

Why is Mobile Important Now?

Mobile Phone Market



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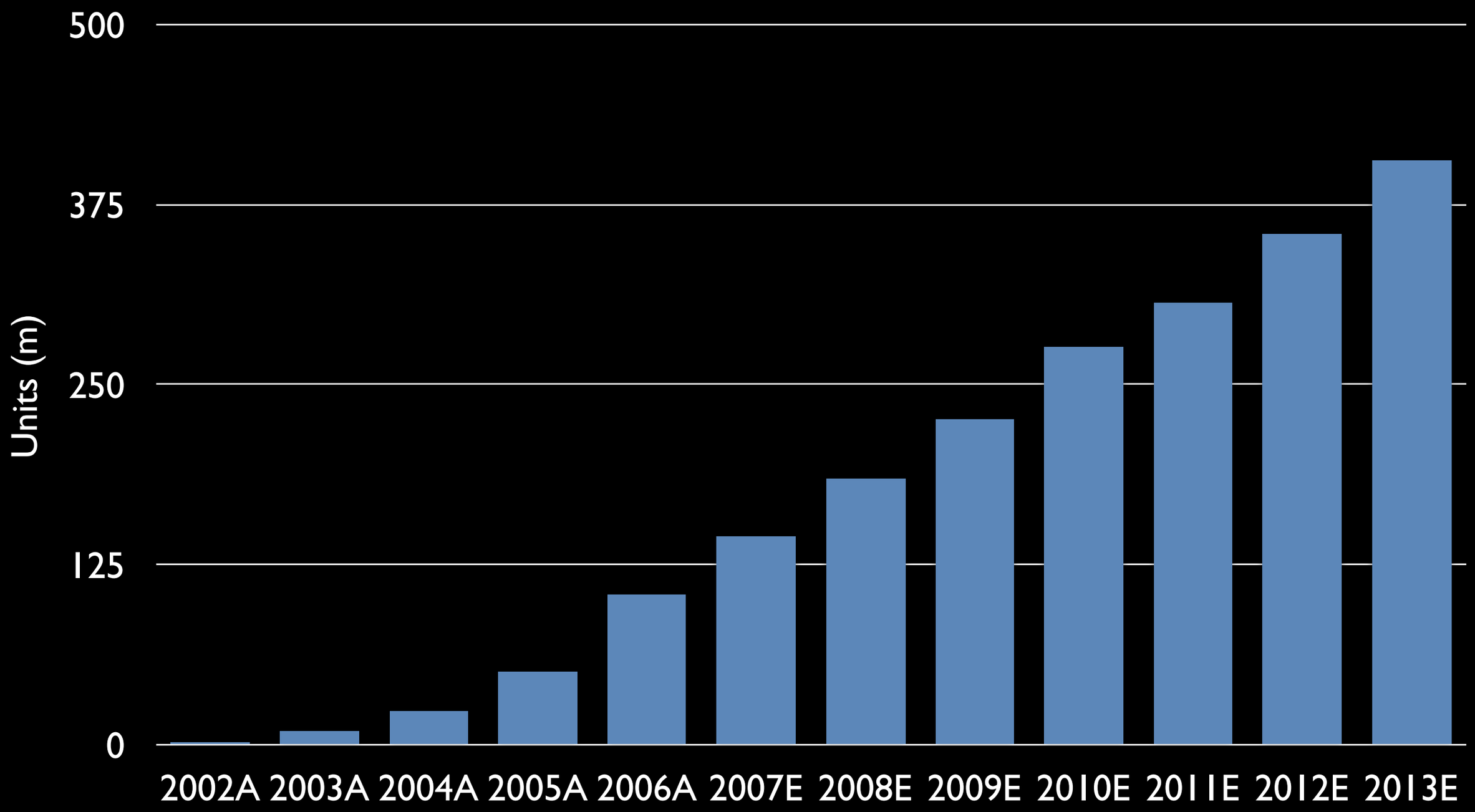
Smartphone Shipments



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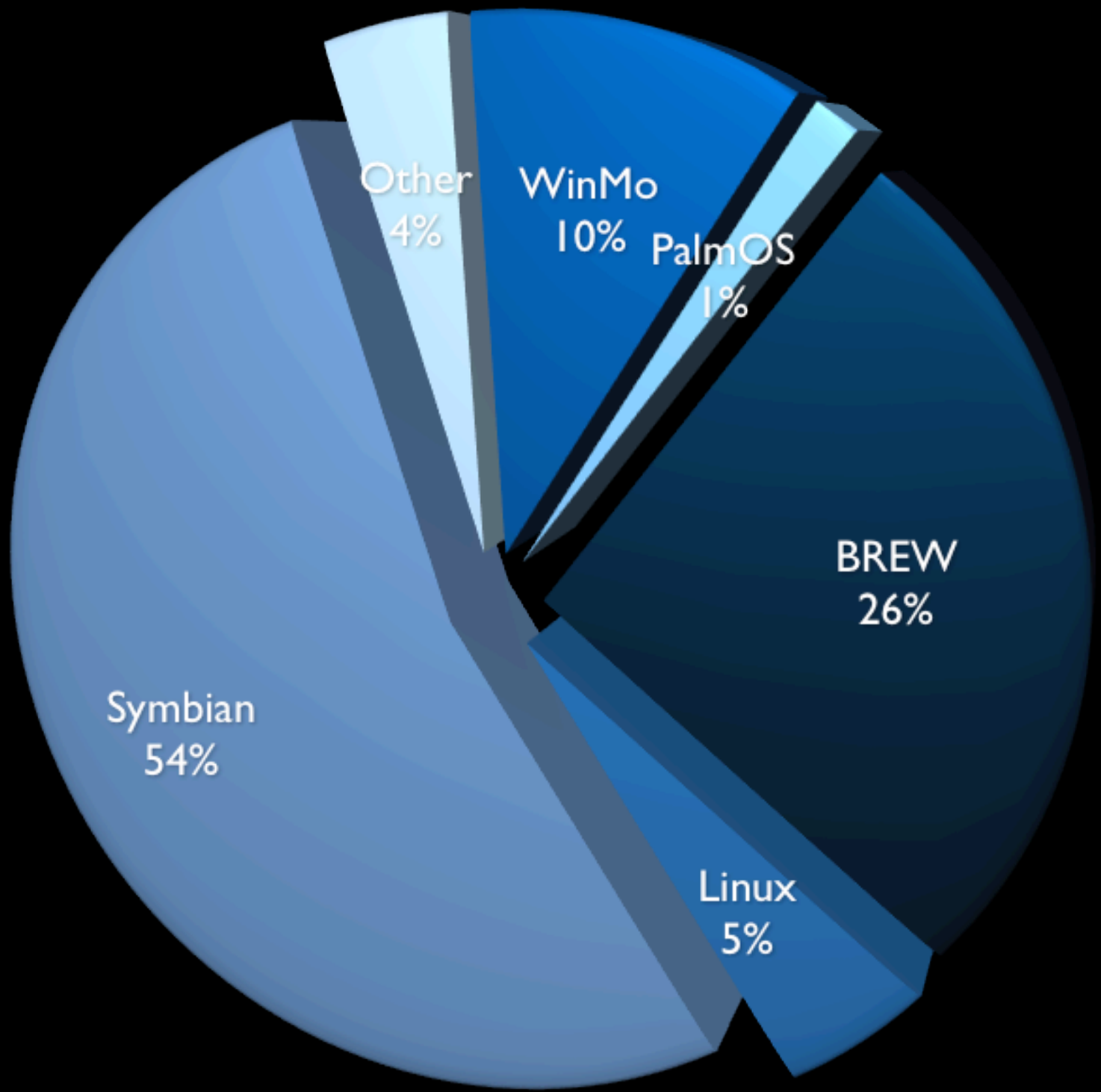
Market Share 2007



Source: Nomura

web

Firefox | **Thunderbird** | **XULRunner** | **Prism** | **...**

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

XPConnect
Bridge JavaScript and XPCOM

JavaScript

Widget
Event Handling and Windowing

Thebes
Graphics

Cairo
Graphics

SQLite
Storage

NSPR
Netscape Portable Runtime: Cross Platform API

Platforms
Windows, Mac, Linux

Mobile Firefox

XULRunner

Toolkit

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

Content

Layout

Images

XUL
XML User Interface Language

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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

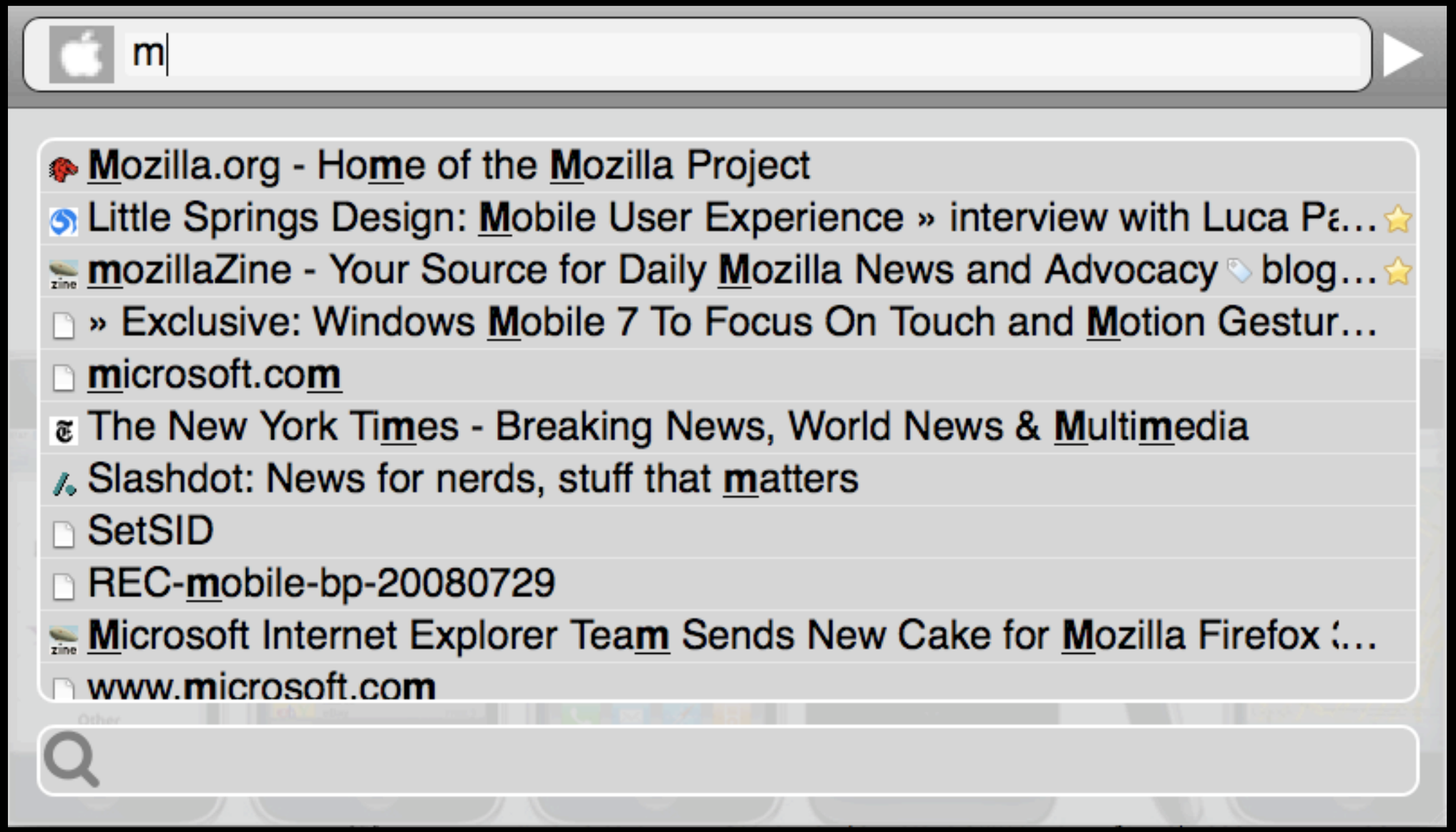
Simplicity

Advanced use of device capabilities

Good use of small screen

Features

Awesomebar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Microsoft Internet Explorer Team Sends New Cake for Mozilla Firefox 3…
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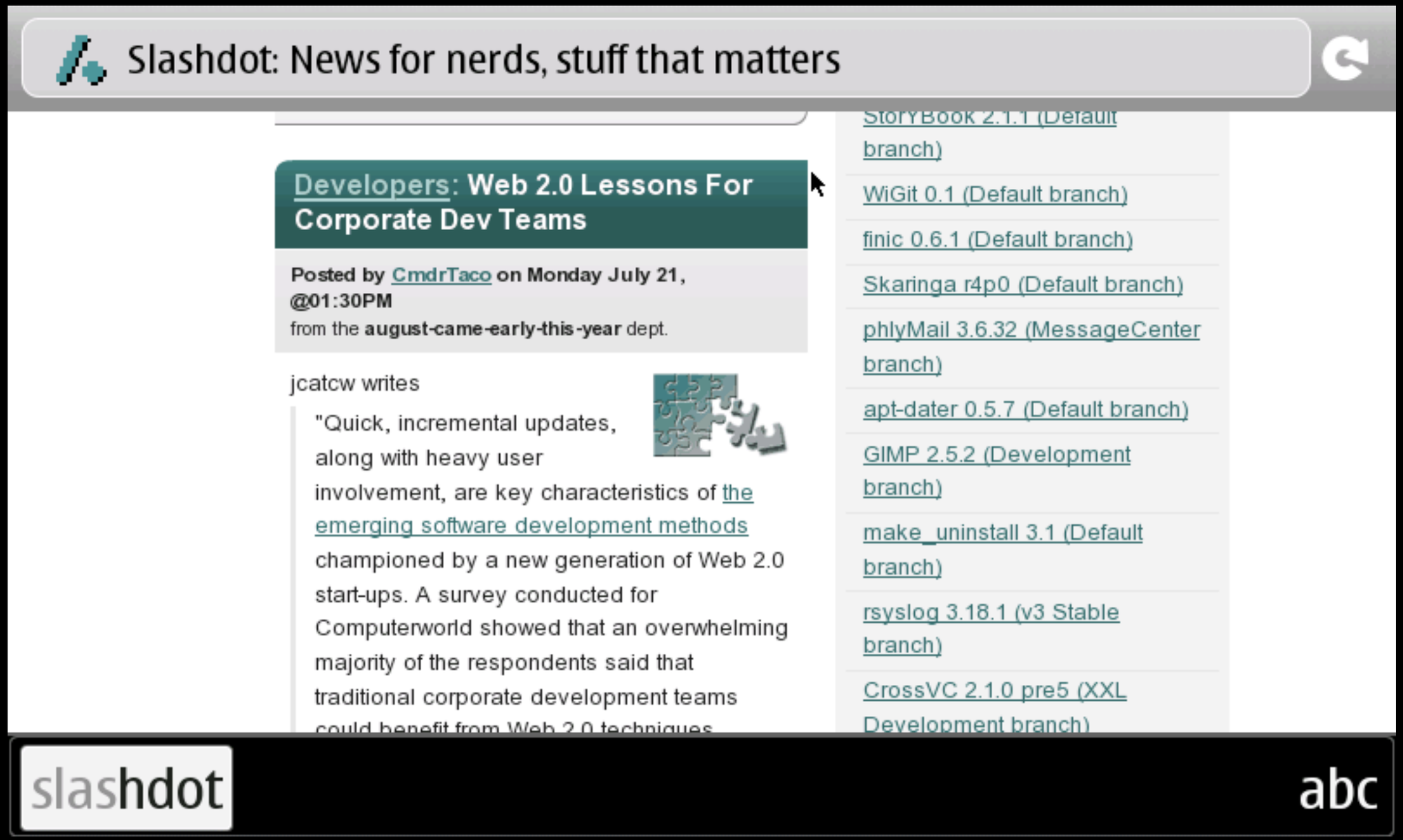
Control Strip

Small Screen Optimized



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

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SPORTS
OLYMPICS
SCIENCE
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OPINION
ARTS
Books
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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)
Post a Comment
Times Topics: Ted Stevens
Back Story With The Times's David M. Herszenhorn (mp3)
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.
Comments (205)
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ENHORN 5:23 PM ET
Ted Stevens was
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related to renovations
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From The Caucus
the Indictment (pdf)
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Topics: Ted Stevens
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Nasdaq 2,319.62 +55.40 +2.45%
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within 1km
Neighborhood
within 10km
City
Nothing

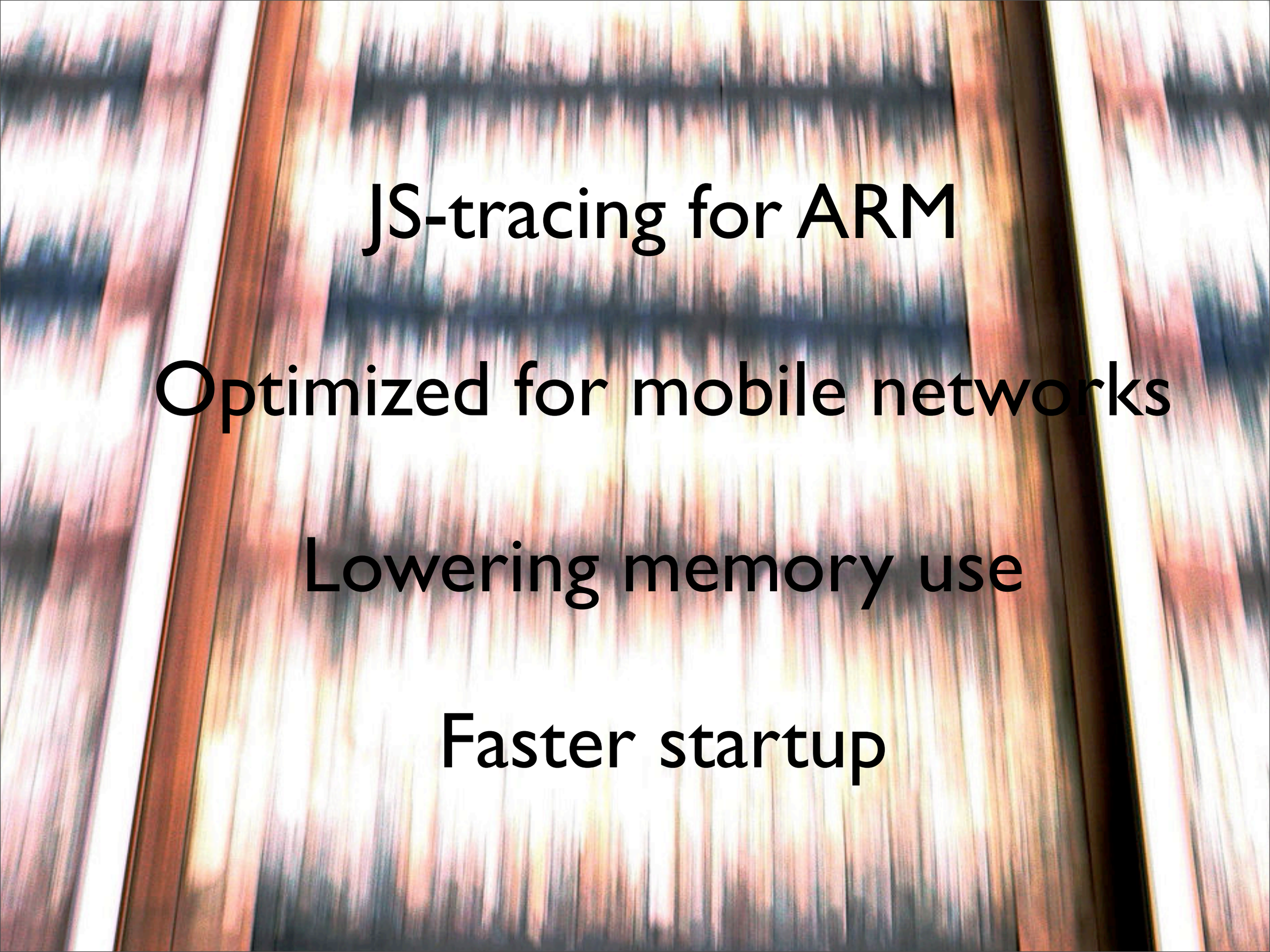
Weave

Sync Bookmarks

Sync Tabs

Sync History

Sync Passwords


JS-tracing for ARM
Optimized for mobile networks
Lowering memory use
Faster startup

Supported Platforms

maemo™

LiMo Foundation

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

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