Bringing the Open Web to Mobile Devices

November 17, 2011

Outline

Welcome to Mozilla Firefox

450+ MILLION USERS

80+ LANGUAGES

500 EMPLOYEES in 15 COUNTRIES

3 BILLION ADD-ONS DOWNLOADED

140,000 COMMUNITY ADD-ONS

BUILT BY 1,000s of CONTRIBUTORS

A public-benefit non-profit foundation and wholly-owned corporation

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Mozilla's Core Values

2004

2011

As a driver of *choice* and *innovation* on the Web,
Mozilla continues to revolutionize the market, give users
more control and empower developers.

30% GLOBAL MARKET SHARE[*]

#1 EUROPEAN BROWSER[*]

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Observations of Today's Landscape - User and Developer Touch Points Multiplying

Proliferating platforms ⇨
Developer fragmentation

The number of and
association of devices to
users is growing

Isolated app experiences &
access

Explosion of HTML5 Apps
coming

DATA   SERVICES   ADS   DEVICE   APPS /   PLATFORM   WEB
                                                              STORE

The user is identifying more with their
platform, the Web and apps then ever
before

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The Browser & Beyond
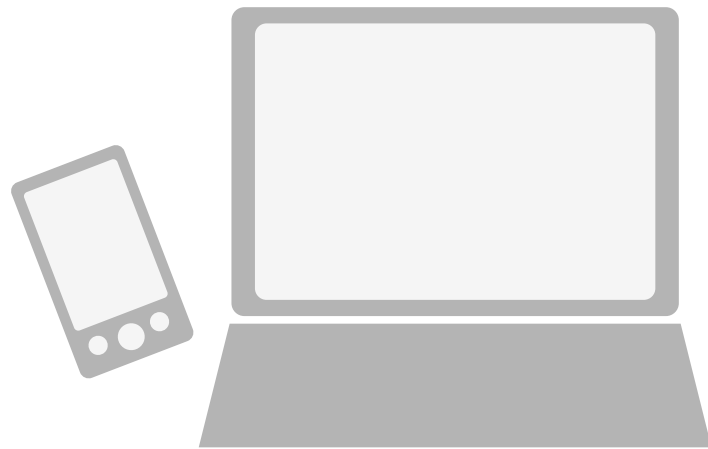
Today

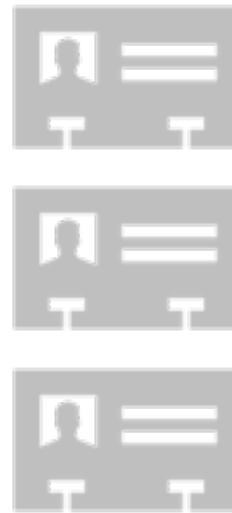A user is an anonymous device, account or user agent

Our technology is built around optimizing the experience

Tomorrow

The user needs to be recognized as an individual, where he is in control over who he is

Our technology puts the user at the center of their experience

BrowserID

Give users the ability to create their own identities

Apps, Home & Sync

Center services and solutions on the user identity (v. the platform or device)

Boot to Gecko

Deliver via a web based platform
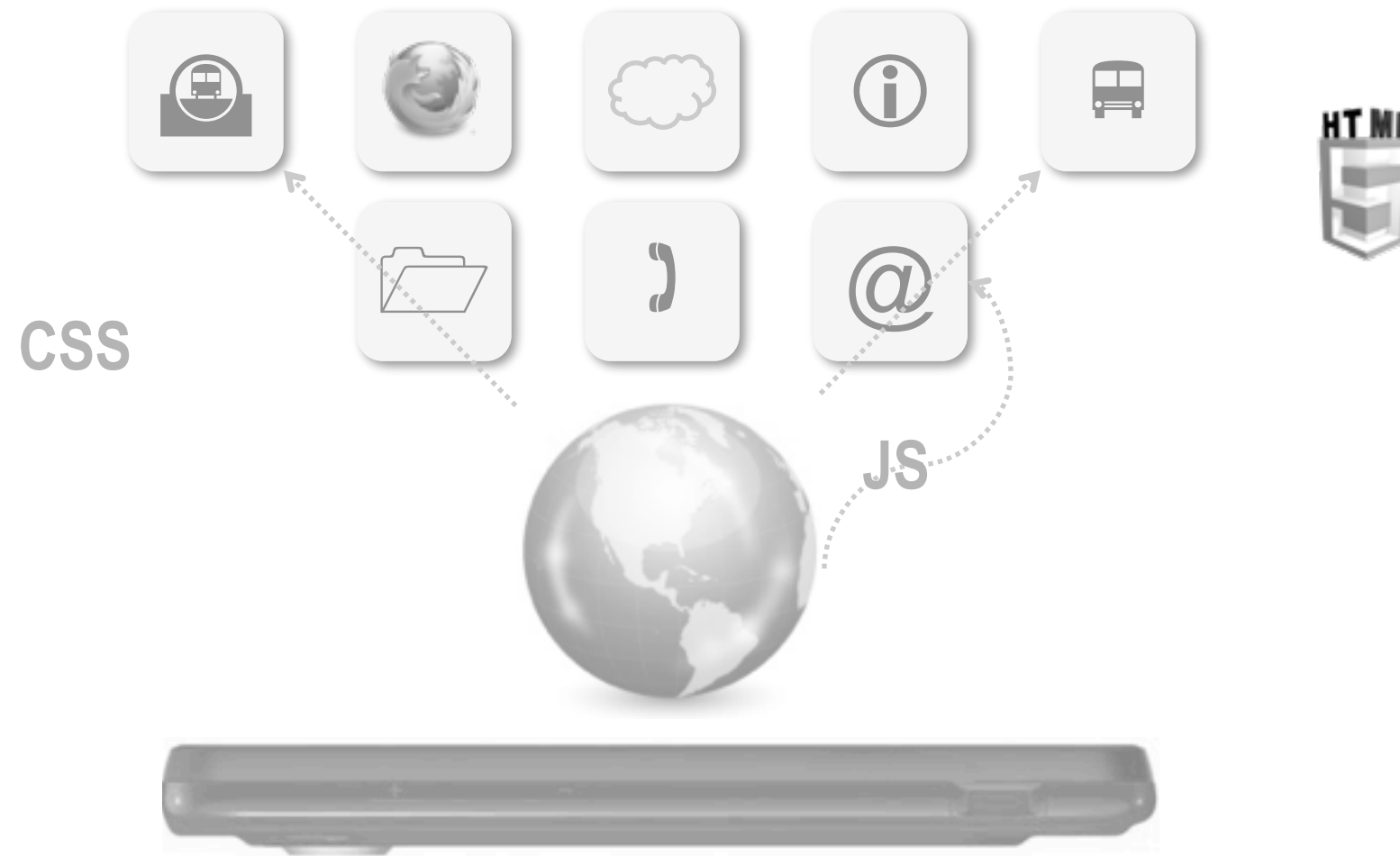
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Boot to Gecko – A Mobile Experience Built Entirely on the Web

Tools known by millions of developer
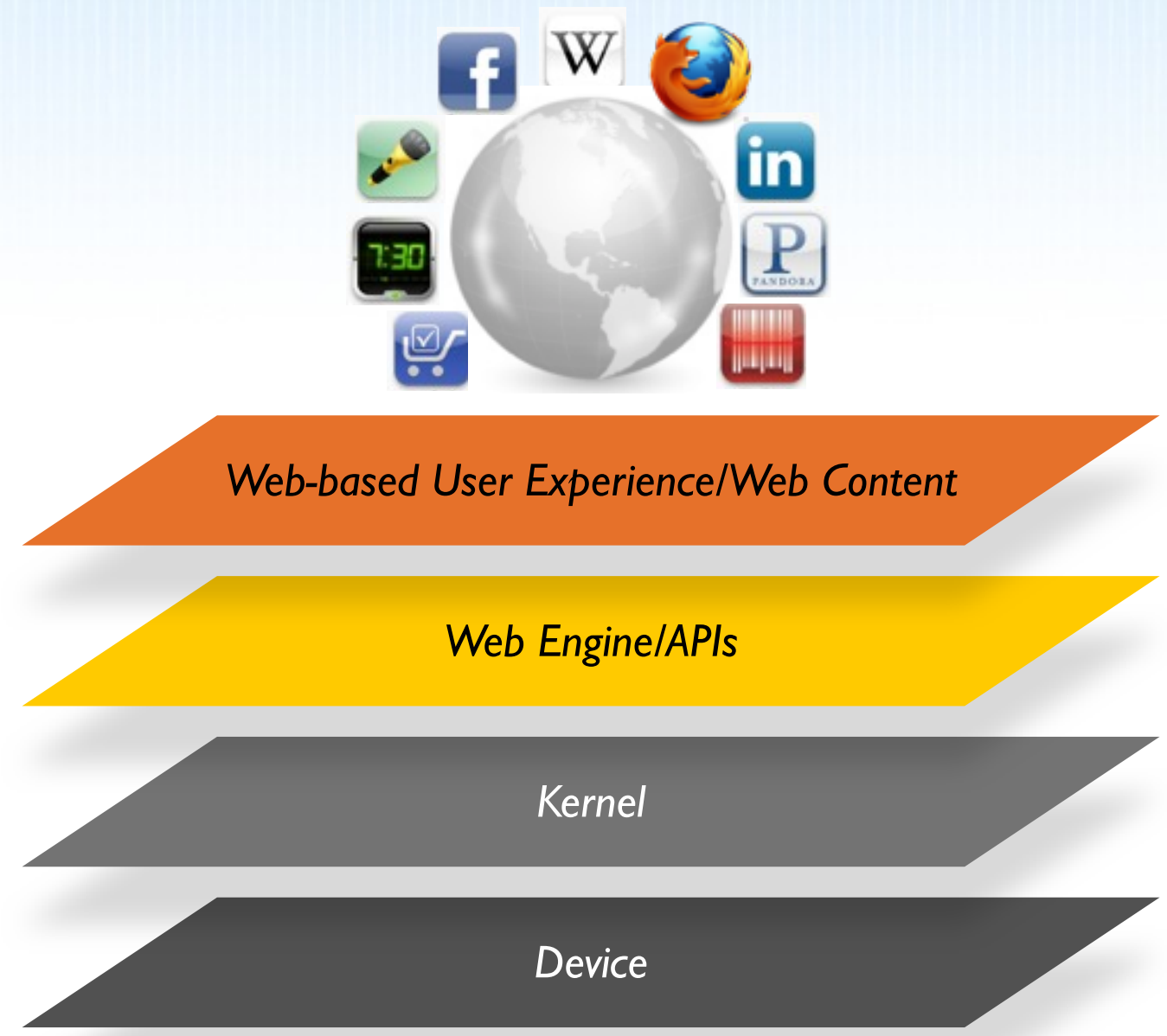
Cross-platform synchronization

Use existing standards

Service differentiation

CSS

JS

HTML5

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Boot to Gecko Structure

Today's OS

- Web Browser/ Platform
- Native API-based User Experience
- APIs
- Kernel
- Device

BOOT TO GECKO (B2G)

- Web-based User Experience/Web Content
- Web Engine/APIs
- Kernel
- Device
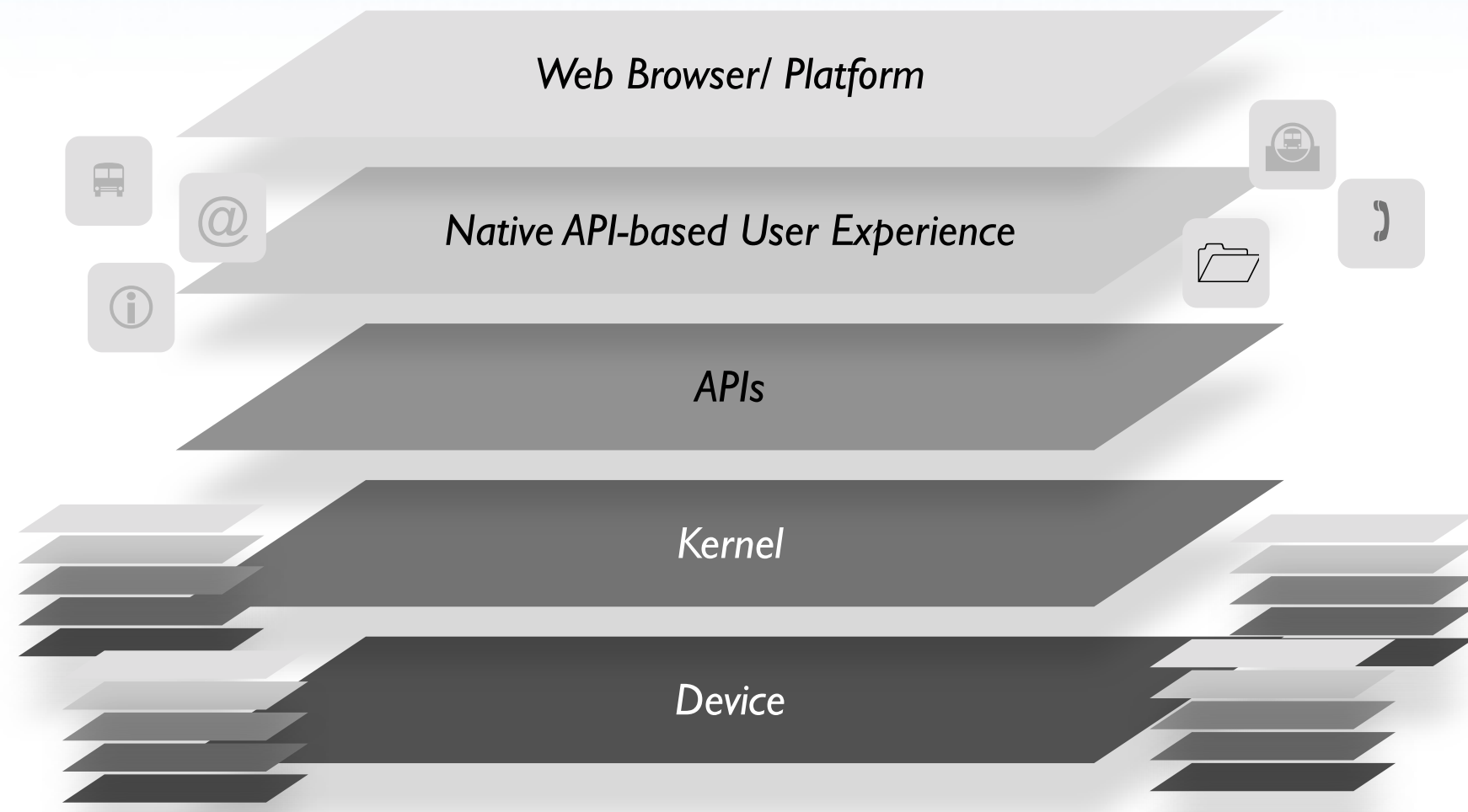
Removing the Android layer →

Smaller stack, can target high-end feature phones and up
Based on open standards, no single-vendor APIs
Carrier/OEM can deeply customize the user experience

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Access to Key APIs and Local Sensors Provide Fully Engaging App Experiences
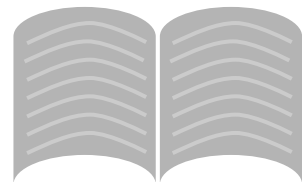
Telephony

Gestures

Audio

Location

Settings

Contacts

NFC
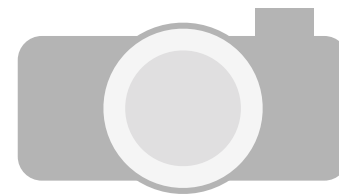
Camera
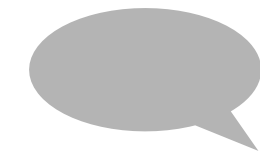
Bluetooth

SMS

Match and exceed the capabilities of native apps.

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Security

Privacy

Ubiquitous

Home | New | Browse | Search | [ ] [Search] [?] | Reports | My Requests | Preferences | Administration | Help | Log out gal@uci.edu
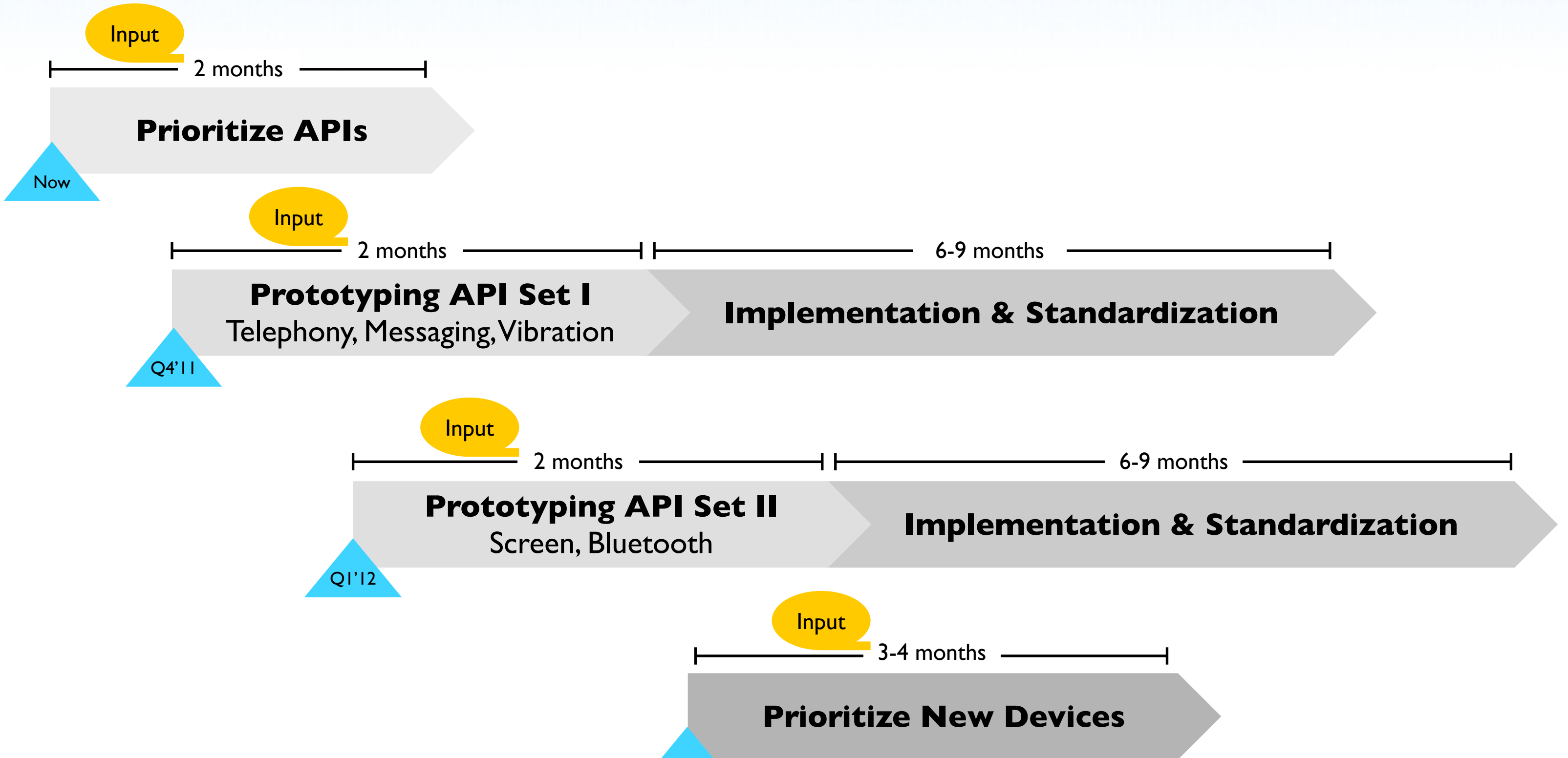
First Last Prev Next　　*This bug is not in your last search results.*

Bug 679966 - WebVibrator (edit)　　　　　　　　　　　Last Comment

Status:	ASSIGNED (edit)	**Reported:**	2011-08-17 19:00 PDT by Chris Jones [:cjones] [:warhammer]
Whiteboard:	[secr:curtisk]	**Modified:**	2011-11-16 21:47 PST (History)
Keywords:	dev-doc-needed, sec-review-complete	**CC List:**	45 users including you (edit)
			alan.kligman@gmail.com

Thursday, November 17, 11

From: **Anssi Kostiainen <anssi.kostiainen@nokia.com>**

Subject: Re: Mozilla's WebVibrator contribution

Date: October 26, 2011 8:14:42 AM PDT

To: ext Jonas Sicking <jonas@sicking.cc> , public-device-status@w3.org

Cc: public-device-apis@w3.org WG <public-device-apis@w3.org>

[+cc public-device-apis]

Hi Jonas, All,

On 24.10.2011, at 20.32, ext Anssi Kostiainen wrote:

> The DAP group is chartered to spec "an API to manage vibration", and I thought it might be good to start with Mozilla's WebVibrator prototype:
>
> https://bugzilla.mozilla.org/show_bug.cgi?id=679966
>
> The group is planning to look at the Vibration API topic at the TPAC next week, and I could flesh out a draft spec by that time based on Mozilla's proposal to help solicit
>
> Would you like to submit the prototype above as a contribution to this TF, so that we can start speccing and soliciting feedback?

During today's call the WG agreed we should publish the first Vibration API Editor's Draft before the meeting next week, and start with Mozilla's WebVibrator proposal. Le action [1] to spec it out asap so that people will have time to review it before the meeting.

I think everyone understands the WebVibrator prototype is still unstable and details are likely to change, nevertheless it is helpful to have an early draft available in order

-Anssi

[1] http://www.w3.org/2009/dap/track/actions/458

Resent-From: public-device-apis@w3.org
From: **Wonsuk Lee <wonsuk11.lee@samsung.com>**
Subject: Webkit Bug 72010 for Vibration API
Date: November 16, 2011 1:06:09 AM PST
To: public-device-apis@w3.org , public-webevents@w3.org

Hi. All.
Concerning the Vibration API, My colleague, Kihong Kwon, is starting to implement this spec like the webkit Bug 72010 [1].

[1] https://bugs.webkit.org/show_bug.cgi?id=72010

Best regards,
Wonsuk.
==
이 원 석 (Wonsuk, Lee) / Senior Engineer, Ph.D
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Inspire the World, Create the Future !!!
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[+C

Hi .

On

T   with Mozilla's WebVibrator prototype:

h

T   ft spec by that time based on Mozilla's proposal to help solicit

W   nd soliciting feedback?

Du   g next week, and start with Mozilla's WebVibrator proposal. Le
acti

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-Anssi

[1] http://www.w3.org/2009/dap/track/actions/458

Apps

- Foundational platform technologies that enable fast, responsive, secure execution of Web Apps.
- One standard across all device classes (mobile, desktop, embedded).
- A Web App marketplace that will help users discover, purchase interesting Web Apps.
- An Apps dashboard that allows users to find, launch, manage their installed Web Apps.
- A content channel of compelling, high quality Web Apps.

Open Web Apps Marketplace

- Open and transparent for users and developers

- Lead creation of broad open standards for Apps Marketplaces

- Mozilla will create one of many marketplaces. Enable user choice

- Run everywhere the web runs; apps belong to you

- Strong support for web developers

- No-strings-attached Identity

- Deeply integrate Identity and Social

- Content is linkable, sharable, composable, discoverable, beautiful

App Discovery beyond Marketplace

- Vertical App stores have proven to be an effective way to discover and transact.

- Bring discovery back to the Web
  - While you browse
  - In context
  - Through sharing
  - To fulfill a current / specific need
    "Web Activities" (with Google)
  - And in App Stores

- Make payment systems easy

Q&A