

Firefox OS

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MOZILLA

Around since late 90's

Develops and promotes the Open Web

Mostly known for Firefox

Consists of

- Mozilla Corp

- Mozilla Foundation

- Community

<https://www.mozilla.org/>

FIREFOX OS

Smartphone operating system

All apps are web-based

HTML 5, JavaScript, CSS

Additional DOM APIs for smartphones

No network connection required! ;)

Goals

Bring Web to mobile devices

Enable cross-platform apps for users and developers

<https://www.mozilla.org/firefox/os/>

FEATURES

Complete 3.5G (4G) smartphone

Web

Multimedia (video and audio players, free formats)

Games, WebGL (3d graphics in HTML 5)

Wifi, Bluetooth, NFC

Can even do phone calls! ;)

Open Source and (mostly) open development

PARTNERS

Mozilla

TelCos

Deutsche Telekom, Telefonicá, Telenor

Hardware vendors

Qualcomm, ZTE

And others

Individual partners drive specific features

Anyone can contribute (**YOU!**)

SOFTWARE STACK

Gaia

- User interface and basic apps

- Completely implemented with Web Technology

Gecko

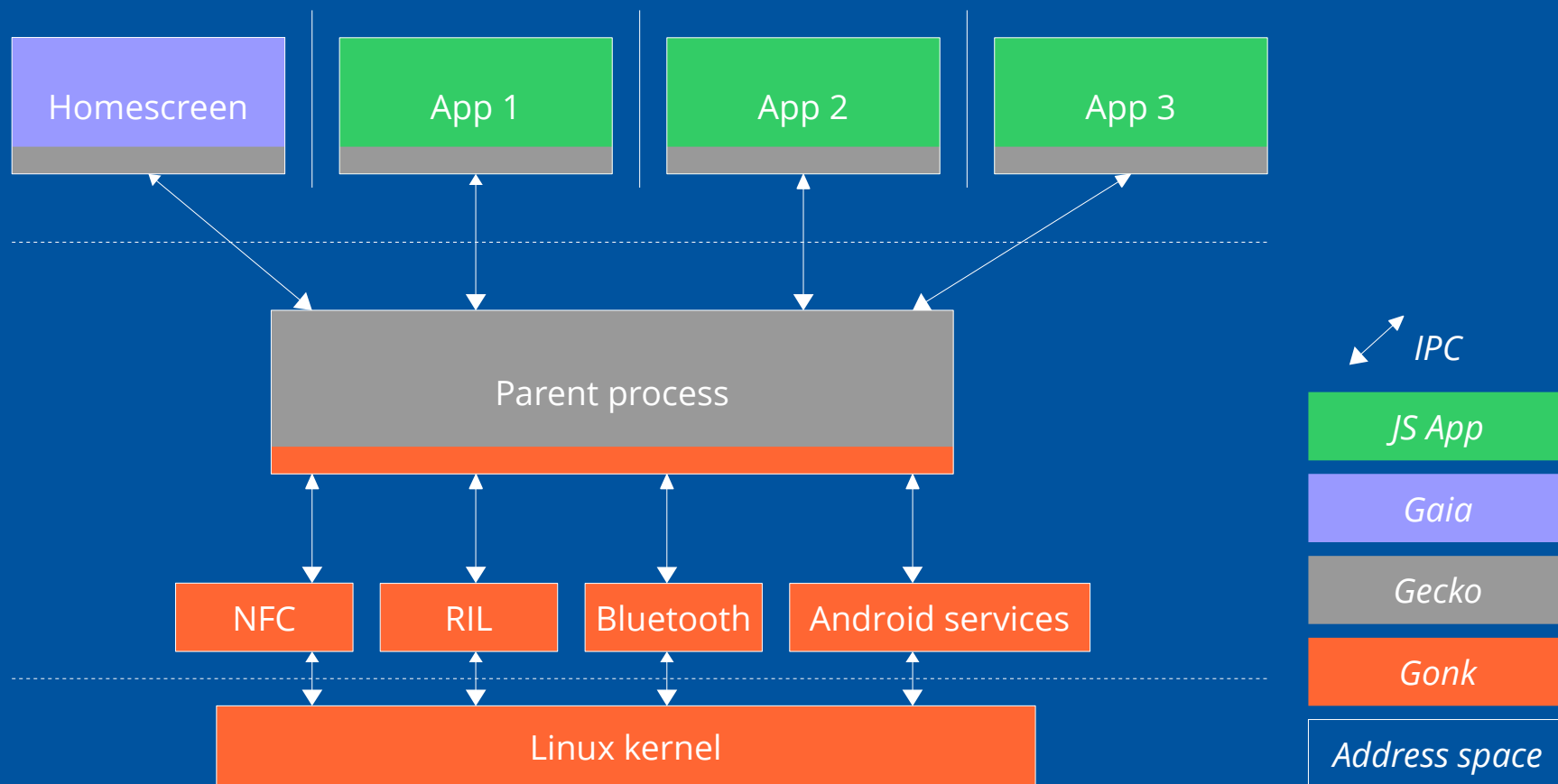
- Application runtime, aka browser binary

- Mostly Firefox with additional APIs for mobile devices

Gonk

- Low-level system code based on Android 4.*

SOFTWARE STACK



BUILDING AN APP

Use HTML 5, JavaScript, etc like for regular web sites

Mixture of descriptive and programming logic

Create a manifest file

For storing and running apps locally

Test on your device

Publish on Mozilla Marketplace

GETTING INVOLVED

Anyone is welcome to contribute

Mailing lists

dev-{b2g,gaia}@lists.mozilla.org

IRC

#b2g, #gaia, #developers on irc.mozilla.org

Web

<https://developer.mozilla.org/>

<https://bugzilla.mozilla.org/>