

# The mozilla Apps Ecosystem



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Bill Walker, **mozilla** labs

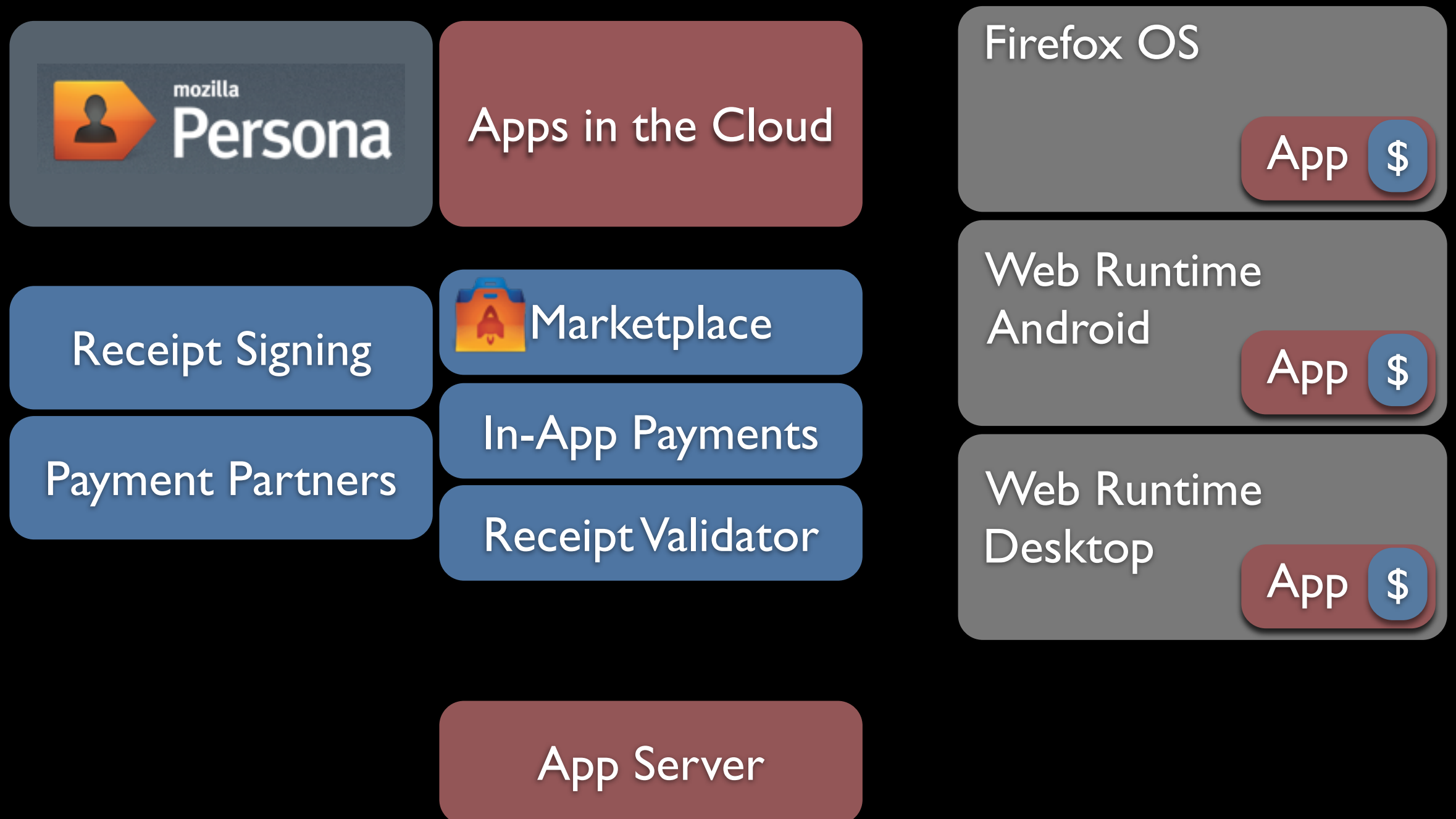




*ec·o·sys·tem* /'ekō,sistəm/

a biological community of interacting  
organisms and their physical environment

# Apps Ecosystem







# Publishing your App



```
{
  "version": "0.1",
  "name": "Open Sun",
  "description": "sun angle calculator for wildlife photographers",
  "launch_path": "/opensun",
  "icons": {
    "256": "/opensun/img/opensun-logo.png"
  },
  "developer": {
    "name": "Bill Walker",
    "url": "http://wfwalker.github.com/opensun/"
  },
  "installs_allowed_from": ["*"],
  "appcache_path": "/cache.manifest",
  "locales": {
    "es": {
      "description": "Su nueva aplicación impresionante Open Web",
      "developer": {
        "url": "http://wfwalker.github.com/opensun/"
      }
    },
    "it": {
      "description": "Il vostro nuovo fantastico Open Web App",
      "developer": {
        "url": "http://wfwalker.github.com/opensun/"
      }
    }
  }
},
```





mozilla

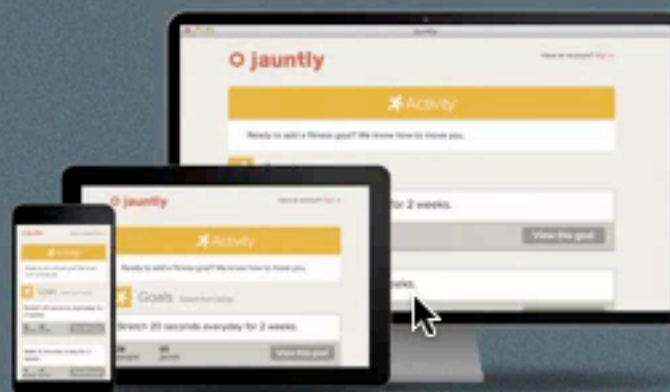
# Marketplace Developers

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## Open Web Apps

Develop your app using a single codebase that runs on today's popular web-enabled devices.

[Submit an App](#)









# Install and Launch an App





Search



# Opening soon.

We're inviting Mozillians to take the Marketplace for a test drive and discover the best the Web has to offer. Download apps, give them a try and let us know what you think. Thanks for your support!

Test & give feedback



## Featured



Galactians

FREE



Evernote Web

\$0.99

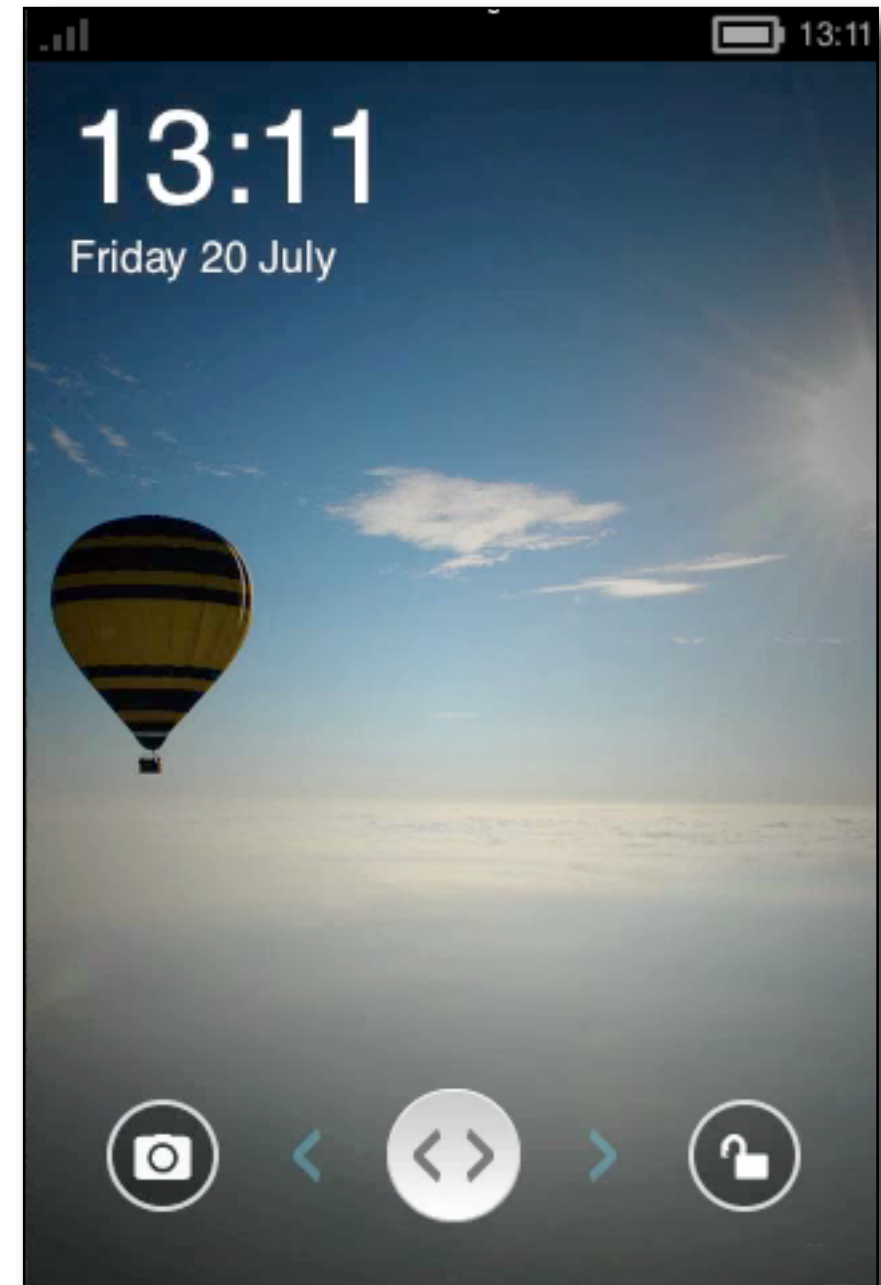


Sandglaz Sandglaz

FREE



# Firefox OS








# Purchase an App





mozilla  
**Marketplace**


Search →

☰


# Opening soon.

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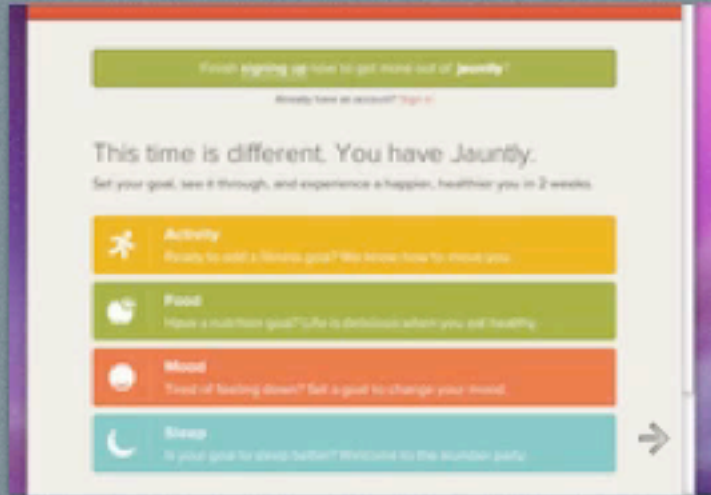
Test & give feedback →



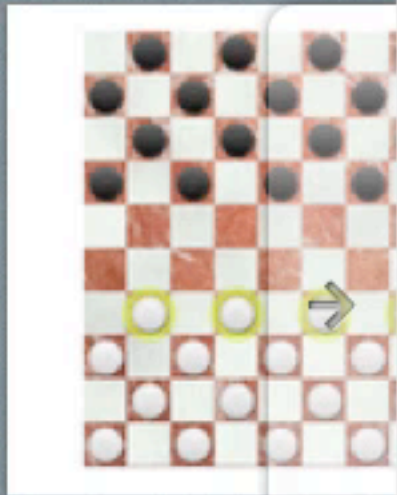
## Featured



Selection 2



Jauntly



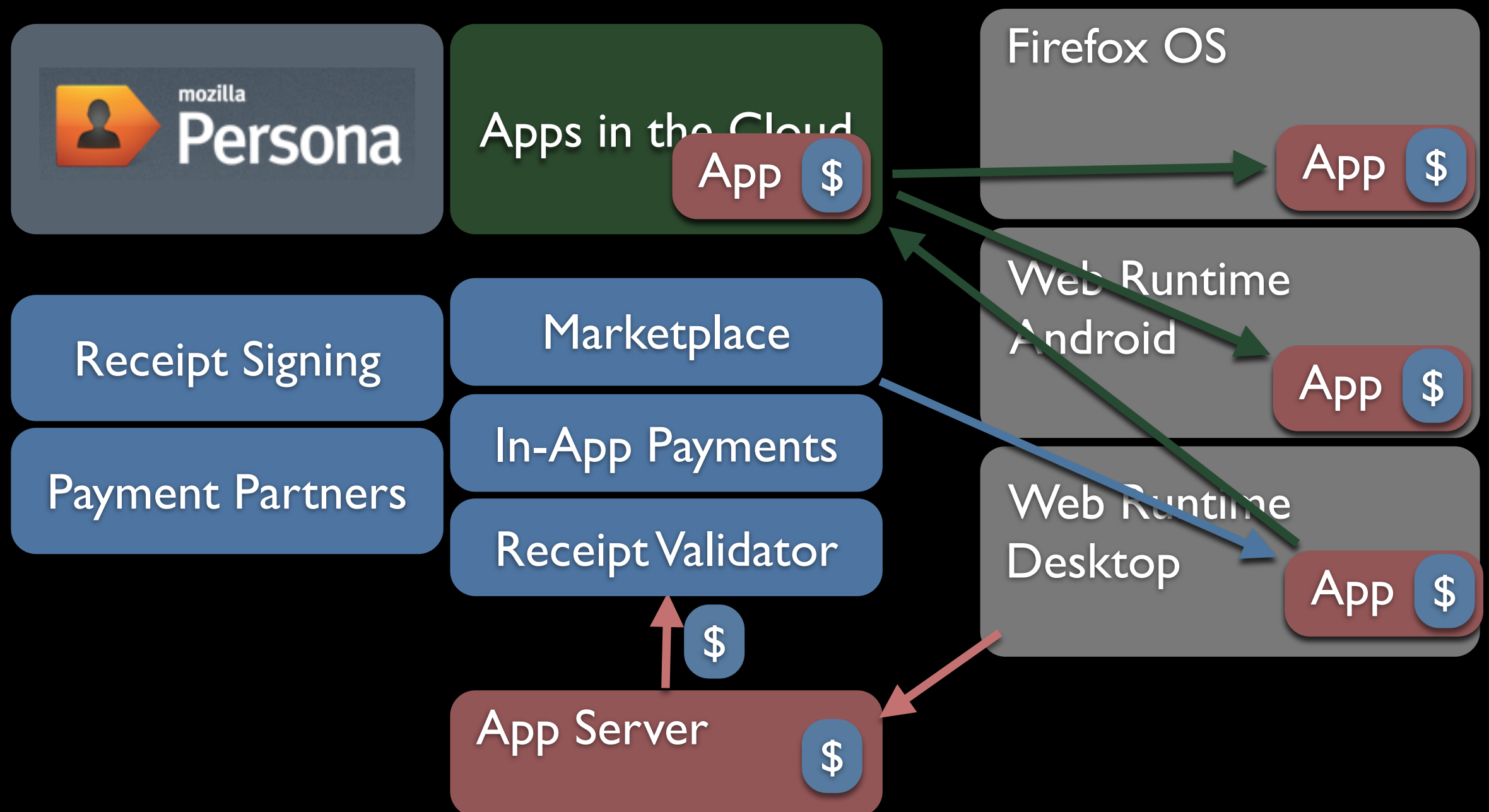
Chess



try-server



# Apps Ecosystem





# In-app Payment





## Generate an in-app payment (docs)

Fork me on GitHub

```
{
  "aud": "marketplace.mozilla.org",
  "iss": "ZQA0E41938KPNB1IYK9G",
  "request": {
    "priceTier": 1,
    "name": "The Product",
    "productdata": "23423",
    "description": "elite sparkle pony"
  },
  "exp": 1342824320,
  "iat": 1342820720,
  "typ": "mozilla/payments/pay/v1"
}
```

<script src="https://marketplace-dev-cdn.allizom.org/mozmarket.js">

call mozmarket.buy()

# How we win

- Build great experiences
- Be Natives, not Tourists
- Create an Open Ecosystem



# How we win

- Create Web runtime (google, mozilla)
  - Offer parity with Native platforms
- Exploit Web runtime (you)
  - Avoid sock with sandals, loud plaid shirts
  - Embrace native menus, device API's
  - Be awesome offline



# What is a Web Runtime?



# App Runtime

iOS Apps

Android Apps

HTML5 Apps

Cocoa Touch

Android App  
Framework

Runtime Shell (permissions, menus, etc)

Media

Engine (HTML, CSS, JS)

Core Services

OpenGL, SQLite

Device API's

Core OS

Linux Kernel

Native OS

# HTML5 App Delivery

**Most trusted**



**Least Trusted**

statically packaged

served dynamically

code review

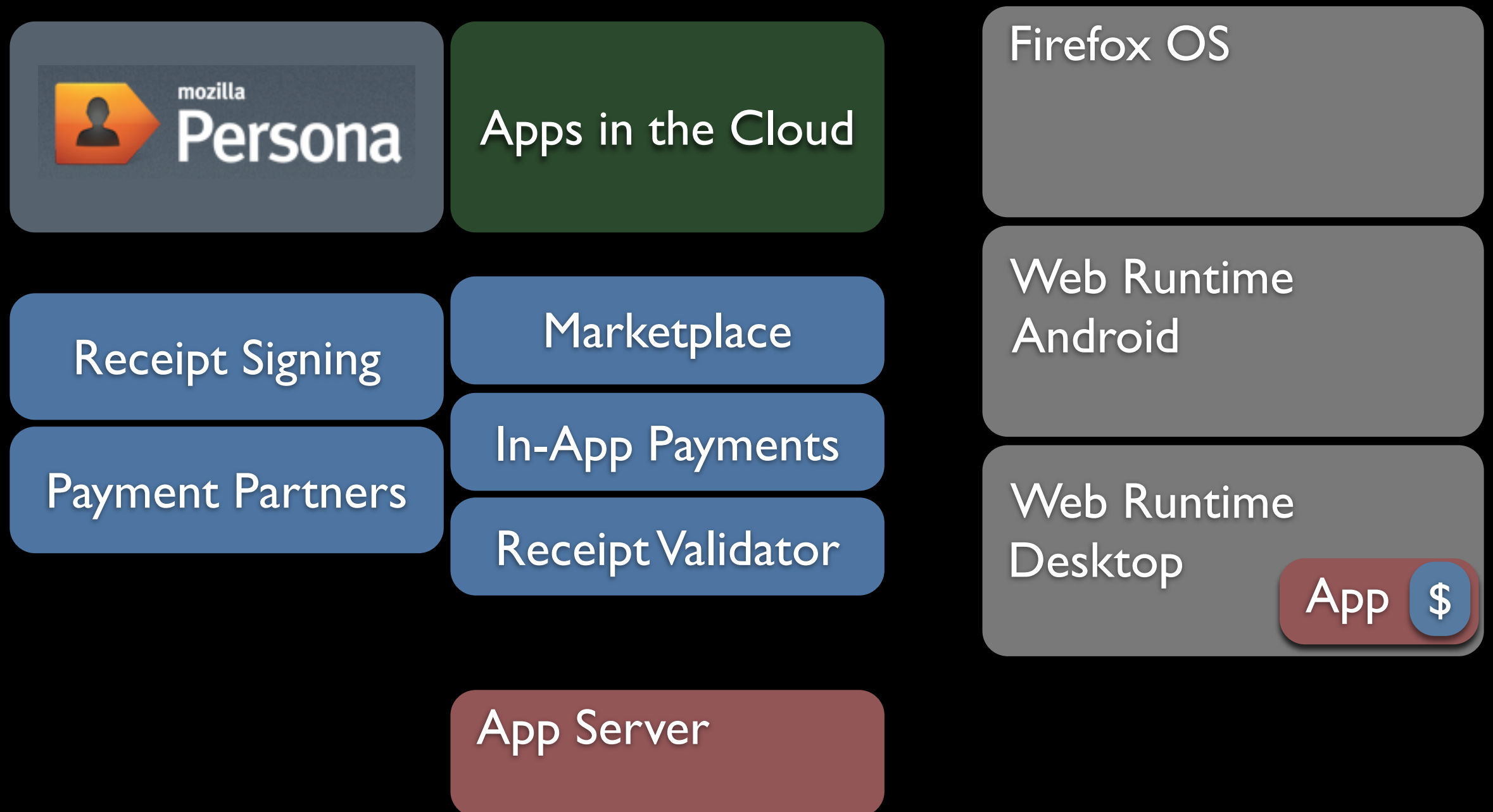
user review

dialer, contacts

NYT, Gmail



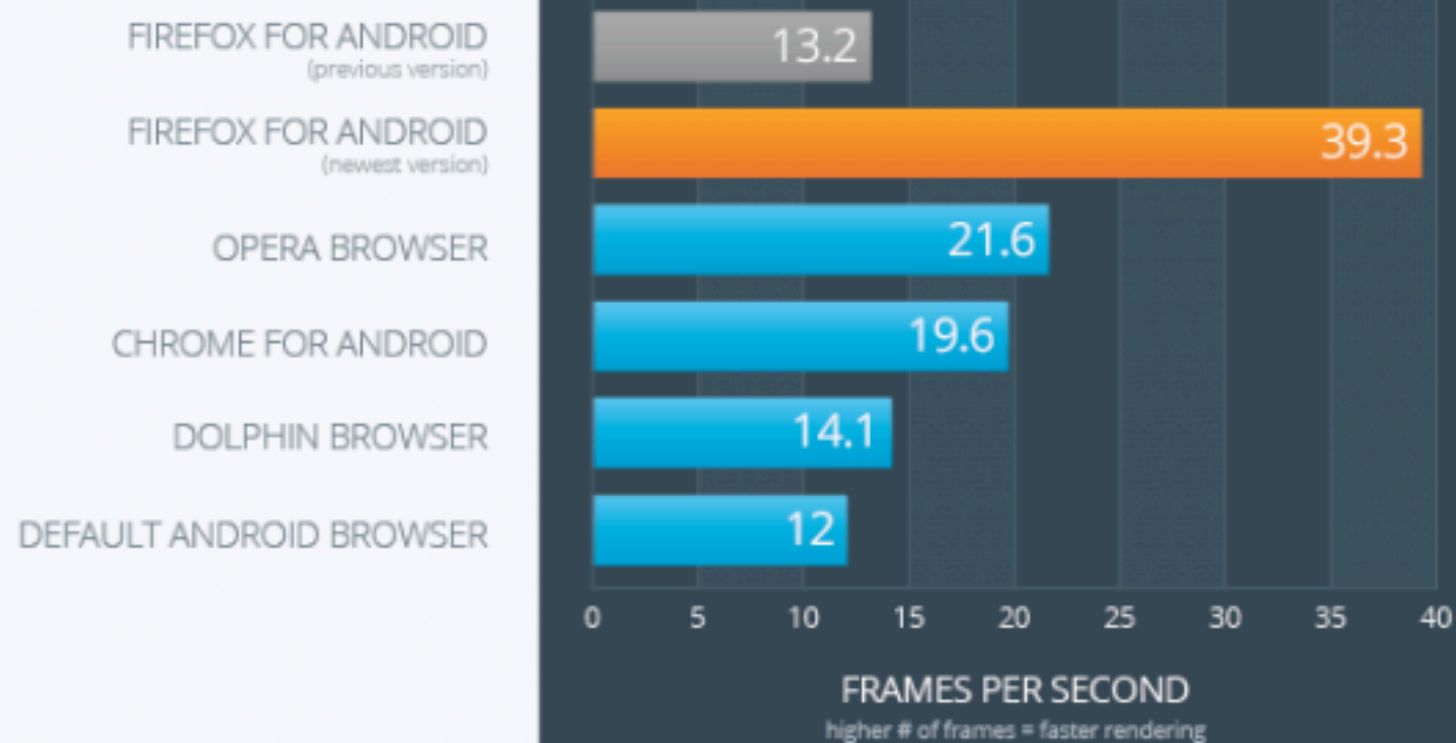
# Apps Ecosystem





# mozilla Firefox<sup>®</sup> *for Android*

## Canvas Rendering Performance<sup>\*</sup>



<sup>\*</sup> Results based on new Eideticker Canvas Benchmark using Samsung Galaxy Nexus on Android 4.0.4



# I. Submit your App!



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## APPS

*Build and distribute cross-platform HTML5 apps*



### GETTING STARTED

The Mozilla Web Apps platform lets you [build apps](#) powered by Web standards like HTML5, CSS3, JavaScript and related APIs.

[Learn more »](#)

### SUBMIT YOUR APPS

The [Mozilla Marketplace](#) is open. Submit your apps now.

[Submit now »](#)

### SIGN UP FOR THE NEWSLETTER

Mozilla unlocks the power of the Web as the world's largest marketplace. Learn more about the Web Apps platform.

[Sign up now »](#)

## RESOURCES FOR APP DEVELOPERS

### HTML5

Web technologies for building build cross-browser, cross-device app experiences.

# I. Submit your App!

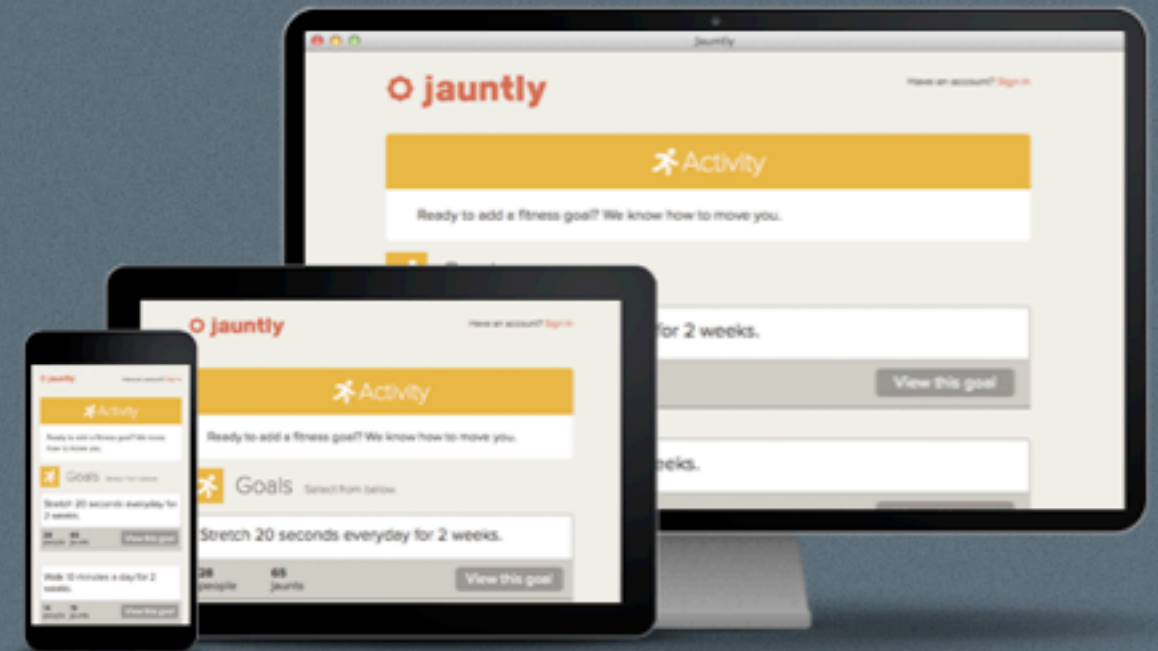


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## Open Web Apps

Develop your app using a single codebase that runs on today's popular web-enabled devices.

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Open Technologies      Developer Choice      Unprecedented Reach



# 2. Get involved!

The Mozilla logo, featuring the word "mozilla" in a white, lowercase, sans-serif font on a dark grey background.[About Us](#)[Community Map](#)[Our Projects](#)[Get Involved](#)

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## Becoming A Mozilla Committer

This document outlines the procedure for getting commit access to the Mozilla Foundation repositories.

In all cases, you need to demonstrate you know what's going on, find a [person or people who have adequate authority](#) and will vouch for your competence, and complete and sign a Committer's Agreement.

### Procedure

Here is a list of the steps that need to happen to become a Mozilla committer. Employment with any particular entity (including the Mozilla Foundation or Corporation) does not change the need to follow these steps.


1. Read the [Commit Access Policy](#), and decide which level of access you need to apply for.
2. [File a bug](#) in the "Repository Account Requests" component.

- Make the bug title of the form "Commit Access (Level X) for Fred Bloggs"

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# 3. We're hiring!

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**Firefox**

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» [About](#) » [Careers](#) » Android Developer, Apps

## Android Developer, Apps

*Remote, or one of our 9 global offices!, CA, United States*

Mozilla believes the Web is the premier platform and marketplace for the next generation of Apps. We are creating a user-centric Apps ecosystem that provides freedom, choice and opportunity for users and developers across the web, especially on phones and tablets.

You're proficient in JavaScript, Java, and C++. You're comfortable switching gears between user experience implementation and networking libraries as needed.

You're a team player, have strong coding skills, and don't give up easily.

You make Apps awesome on Android!

Requirements:

- \* B.S. or M.S. in Computer Science or equivalent
- \* Experience developing multi-platform client applications
- \* Java development experience
- \* Thorough understanding of mobile web technologies (JavaScript, HTML, CSS and XML)
- \* Excellent written and verbal communication skills
- \* Ability to work with a geographically-distributed development team

### Labs: Open Positions

#### Android Developer, Apps

[Software Engineer, Front-End Web, Identity](#)

[Software Engineer, Identity](#)



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