Firefox OS

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Getting started!

A web é a plataforma

Tudo isso é HTML, CSS e Javascript

Arquitetura do FirefoxOS

GAIA

GECKO

GONK

Por onde começar?

1. Desenvolva seu webapp usando tecnologias da web aberta, HTML5, CSS,Javascript, WebGL e etc.
2. Crie um arquivo de manifesto de aplicativo
3. Publique/Instale o aplicativo

Dúvidas durante o desenvolvimento?

WebAPI

APIs

Here's a list of the APIs that we're working on. Some of them are done, and some of them we haven't gotten further than acknowledge that we probably need them.

Planned for initial release of B2G (aka Basecamp)

Unless otherwise noted, APIs listed in the table below were available in Firefox OS v1.0.1 or will be available in v1.1.

API	Description	Standardization	Availability			See also
WebTelephony	Allow placing and answering phone calls as well as build in-call UI.	W3C ED (SysApps)	D	A	B	bug 674726, Security
Vibration API	Control device vibration for things like haptic feedback in games. Not intended to solve things like vibration for notification.	W3C CR (Device APIs)	D	A	B	bug 679966, Security
WebSMS	Send/receive SMS messages as well as manage messages stored on device.	W3C ED (SysApps)	D	A	B	bug 674725, Security
Idle API	Get notifications when user is idle.	Needs plan	D	A	B	bug 715041, Security
Screen Orientation	Get notification when screen orientation changes as well as control which screen orientation a page/app wants.	W3C WD (WebApps)	D	A	B	bug 720794 bug 740188 bug 673922, Security
Settings API	Set system-wide configurations that are saved permanently on the device.	Future?	D	A	B	bug 678695, Security
Power Management API	Turn on/off screen, cpu, device power, etc. Listen and inspect resource lock events.	Future?	D	A	B	bug 708964, Security
Mobile Connection API	Expose signal strength, operator, etc for GSM and other mobile connections. This does not cover WiFi.	Future?	D	A	B	bug 729173, Security
TCP Socket API	Low-level TCP socket API. Will also include SSL support.	W3C ED (SysApps)	D	A	B	bug 733573, Security
Geolocation API	Access to the end user's location.	W3C CR	D	A	B	Security
WiFi Information API	Privileged API to get a list of available WiFi networks. Also get signal strength and name of currently connected network, etc.	Future?	D	A	B	Security
Device Storage API	Add/Read/Modify files stored on a central location on the device. For example the "pictures" folder on modern desktop platforms or the photo	Needs plan	D	A	B	bug 717103, Security

Documentação

Desenvolva aplicativos web em HTML5 para uma loja aberta.

Projete

Aprenda a projetar aplicativos com uma experiência otimizada para o Firefox OS e Móvel

- Concept: A great app
- Design Fundamentals
- UI Guidelines

Construa

Todas as ferramentas e documentos para desenvolver e testar seu aplicativo

- Quick Start
- Simulador do Firefox OS
- Aplicativos de exemplo

Publique

Como oferecer aplicativos em uma loja que coloca usuários e desenvolvedores na frente

- Deploying your app
- Hosted Apps
- Aplicativos empacotados

Do you have an app ready for liftoff?

Submit your app to the Marketplace

Junte-se à comunidade

Veja quem já está aqui

Are you a Web Company, Third-Party Service, or OEM looking to partner with Mozilla? Check out our Partners page for more info.

https://marketplace.firefox.com/developers/

Dúvidas com o design?

Firefox OS app icons

Basics

A Firefox OS application icon is a **60x60 pixel** image provided in 24-bit **PNG** format. Each of the standard OS application icons is contained within or underlayed with a **58 pixel** diameter circle shape.

60x60 pixel canvas
58 pixel diameter circle

Circle container

Object + circle underlay

Object integrated with circle

A drop shadow is automatically generated based on the icon's silhouette shape; **do not** include a drop shadow in the image you provide.

✓

✗

FirefoxOS Boilerplate

Creating Firefox OS apps

Merge pull request #15 from taboca/gh-pages ...

robnyman authored a month ago latest commit 72685d8c22

css	Adding user proximity testing	2 months ago
fonts	Adding/changing font looks	6 months ago
images	Implementing new UI according to the Gaia (Firefox OS UI) guidelines	6 months ago
js	Adding user proximity testing	2 months ago
.htaccess	Added .htaccess for GitHub pages test	7 months ago
README.md	Easier to read - because folks had trouble to send to marketplace - t...	a month ago
fallback.html	Added text	4 months ago
index.html	Adding user proximity testing	2 months ago
manifest.appcache	API testing and tweaks	7 months ago
manifest.webapp	Removed Alarms API permnission request	4 months ago

HTTPS clone URL

https://github.co

You can clone with HTTPS, SSH, Subversion, and other methods.

Clone in Desktop

Download ZIP

README.md

Firefox OS Boilerplate App

Quer simplificar ainda mais?

yo firefox-os

Arquivo de manifesto de aplicativo

Modelo básico

nomedoapp.webapp

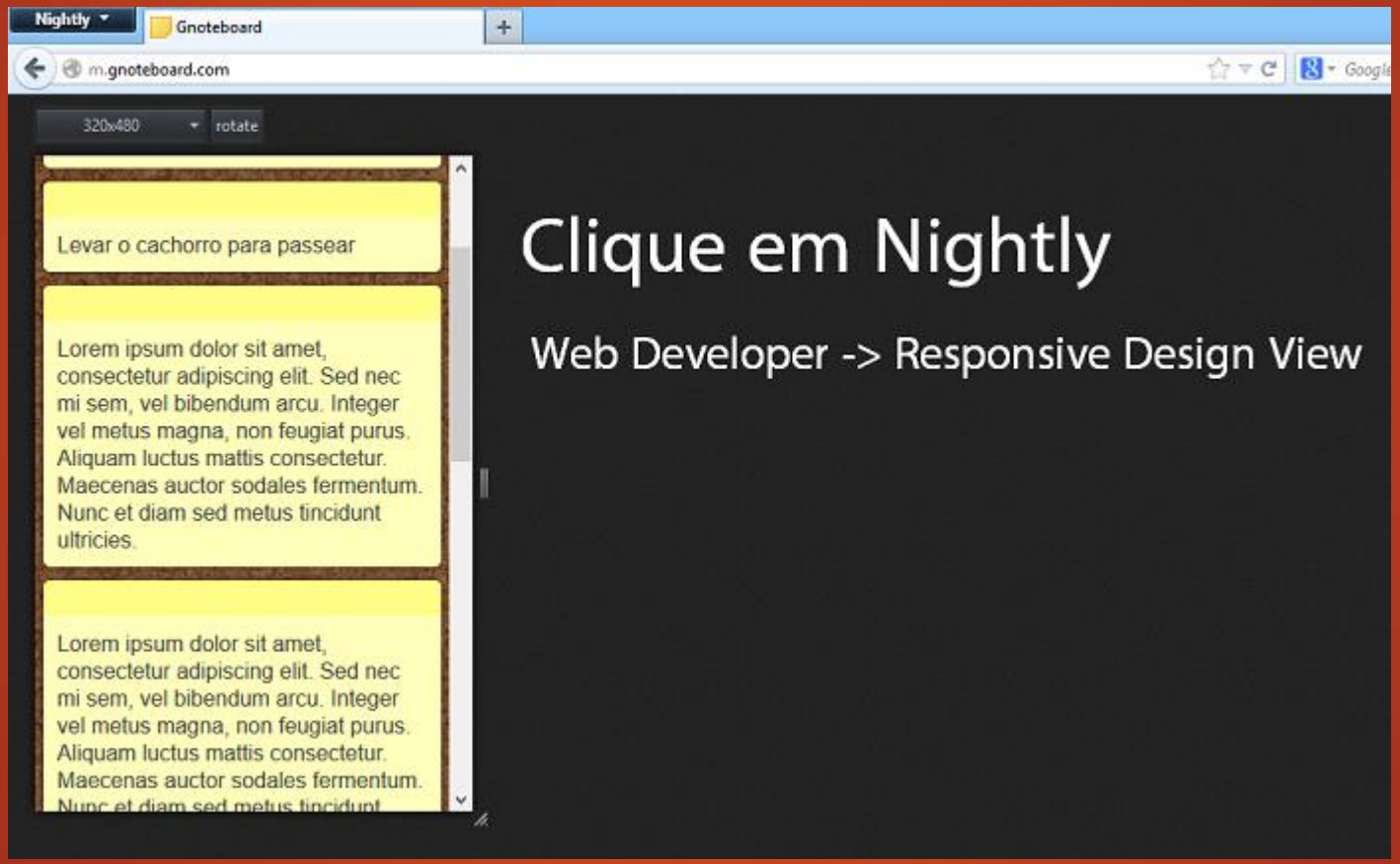
```
{
  "name": "Meu App",
  "description": "Aqui fica a descrição do Meu App",
  "launch_path": "/index.html",
  "icons": {
    "128": "/img/icon-128.png"
  },
  "developer": {
    "name": "Guilherme Farias",
    "url": "http://guilhermefarias.com.br"
  },
  "default_locale": "en"
}
```

Validador

Firefox Marketplace
DEVELOPER HUB
Referência da API
Suporte
Enviar um aplicativo
Marketplace
MEUS ENVIOS
DOCUMENTAÇÃO
API
VALIDADOR DE APLICATIVOS
CHAVES DE PAGAMENTO
ENVIAR UM APLICATIVO NOVO
» Desenvolvedores » Validar aplicativo
Validar um aplicativo
Hospedado
Empacotado
Enviar a URL do manifesto do seu aplicativo
http://
Validar
URLs de manifestos devem começar com um protocolo (por exemplo, http:// ou https://) e usam tipicamente a extensão .webapp.

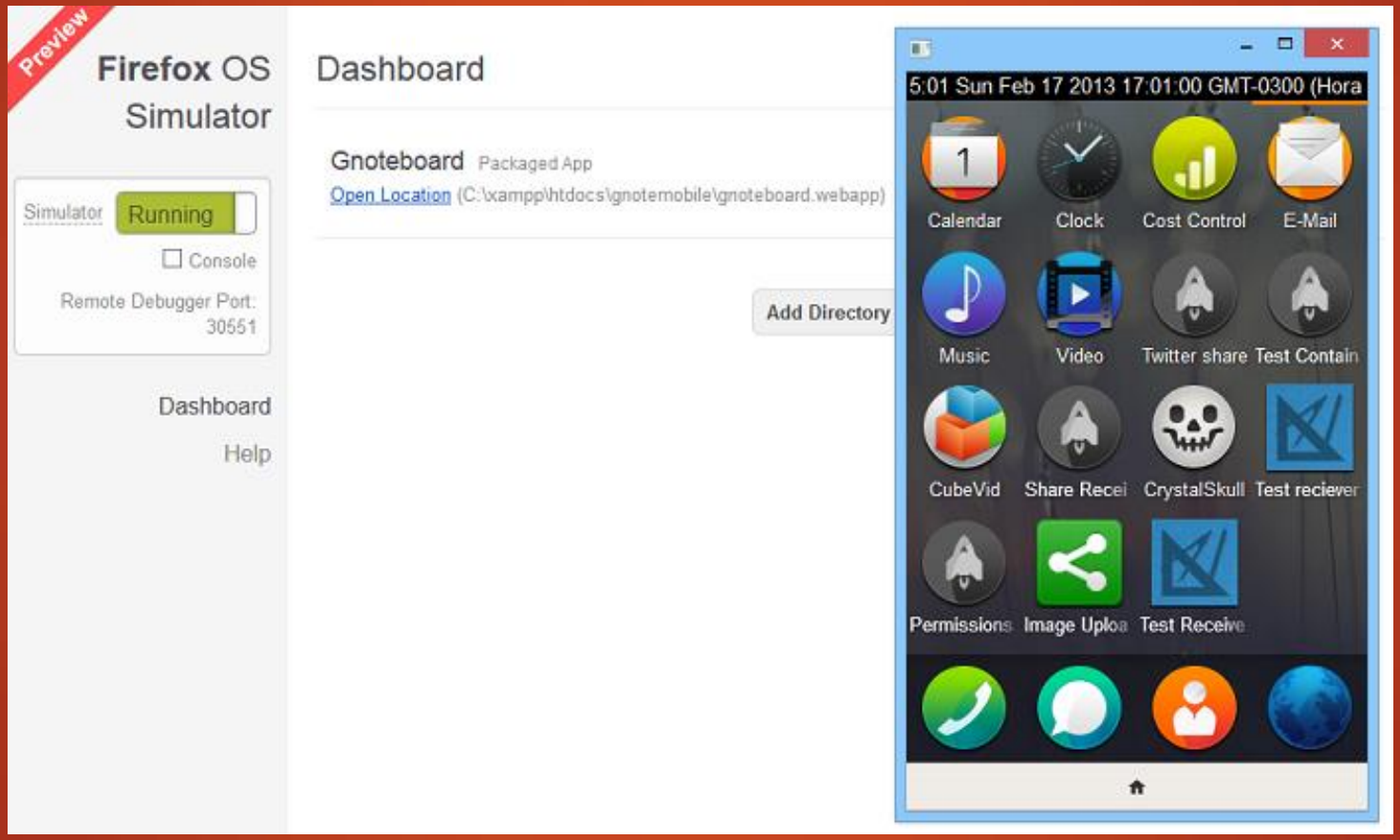
Testando o app

Navegador



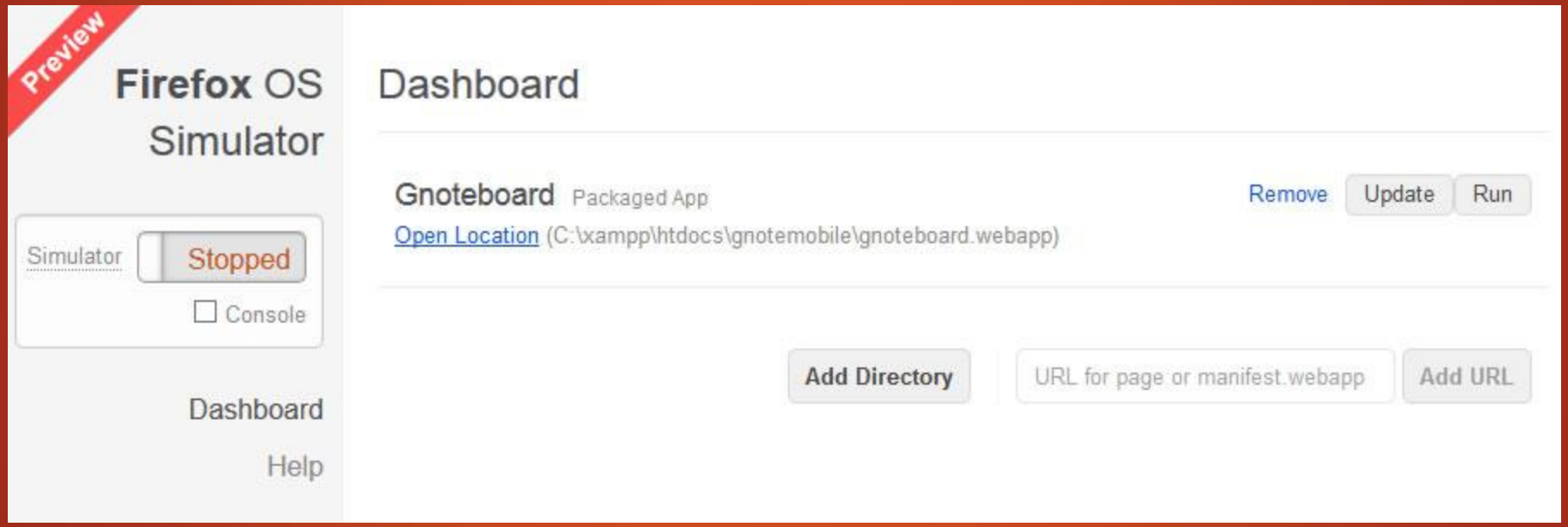
http://nightly.mozilla.org/

Simulador



https://addons.mozilla.org/en-US/firefox/addon/firefox-os-simulator/

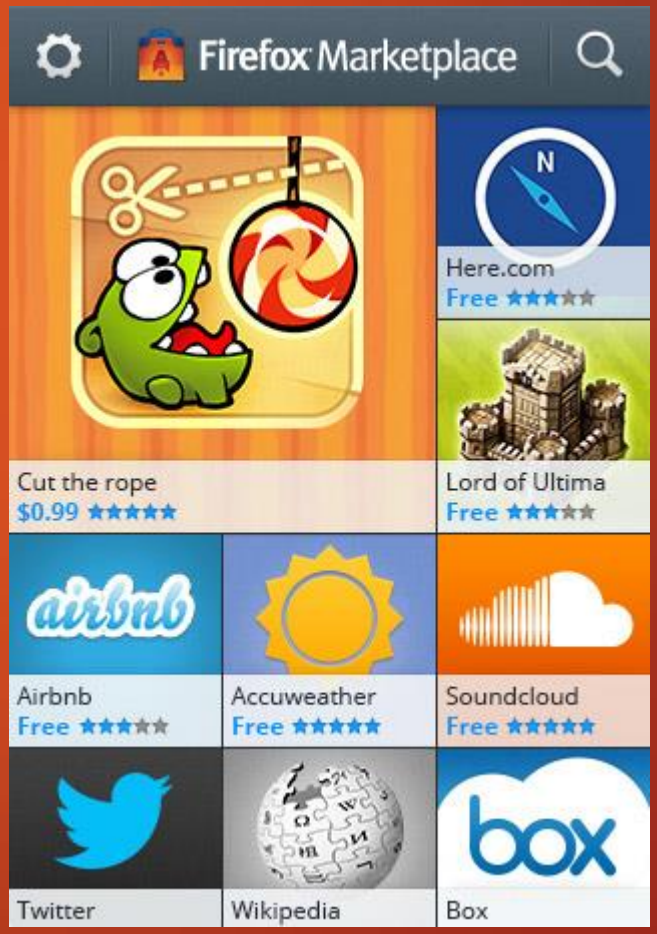
Como usar o simulador?



Aparelho

Como posso distribuir meu app?

Firefox Marketplace



Submetendo o app

Hospede seu próprio app

GitHub

Referências

- https://developer.mozilla.org/en-US/docs/Mozilla/Firefox_OS
- https://marketplace.firefox.com/developers/
- https://developer.mozilla.org/en-US/docs/Mozilla/Firefox_OS/Apps
- https://developer.mozilla.org/en-US/docs/Mozilla/Firefox_OS/UX/Building_blocks
- http://www.mozilla.org/en-US/styleguide/products/firefoxos/icons/
- https://wiki.mozilla.org/WebAPI
- https://developer.mozilla.org/en-US/docs/Apps/Manifest
- https://marketplace.firefox.com/developers/validator
- http://nightly.mozilla.org/
- https://addons.mozilla.org/en-US/firefox/addon/firefox-os-simulator/

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BE THE
FUTURE
Firefox OS