

mozilla



Add-ons para Mozilla Firefox.

addon-sdk



addon-sdk

Requisitos

- Python 2.5 o 2.6
- Una versión compatible de Firefox
- SDK

Preparando el entorno

Abrir la consola como administrador

1. d:

2. cd d:\addon-sdk

3. bin\activate

Welcome to the Add-on SDK. Run 'cfx docs' for assistance.

4. cfx docs



ADD-ON SDK

Version 1.13.1

Developer Guide

Installation

Tutorials

Guides

High-Level APIs

- [addon-page](#)
- [base64](#)
- [clipboard](#)
- [context-menu](#)
- [hotkeys](#)
- [l10n](#)
- [notifications](#)
- [page-mod](#)
- [page-worker](#)
- [panel](#)
- [passwords](#)
- [private-browsing](#)
- [querysting](#)
- [request](#)
- [selection](#)
- [self](#)
- [simple-prefs](#)
- [simple-storage](#)
- [system](#)

Welcome to the Add-on SDK!

Using the Add-on SDK you can create Firefox add-ons using standard Web technologies: JavaScript, HTML, and CSS. The SDK includes JavaScript APIs which you can use to create add-ons, and tools for creating, running, testing, and packaging add-ons.

Tutorials

Getting started

How to install the SDK and use the cfx tool to develop, test, and package add-ons.

Interact with the browser

Open web pages, listen for pages loading, and list open pages.

Development techniques

Learn about common development techniques, such as [unit testing](#), [logging](#), creating reusable modules, [localization](#), and [mobile development](#).

Create user interface components

Create user interface components such as toolbar buttons, menu items, and dialogs

Modify web pages

Modify pages matching a URL pattern or dynamically modify a particular tab.

Putting it together

Walkthrough of the [Annotator](#) example add-on.

Guides

SDK infrastructure

Aspects of the SDK's underlying technology: [Modules](#), the [Program ID](#), and the rules defining [Firefox compatibility](#).

Content scripts

A detailed guide to working with content scripts, including: how to load content scripts,

SDK idioms

The SDK's [event framework](#) and the distinction between add-on scripts and content scripts.

XUL migration

A guide to porting XUL add-ons to the SDK. This guide includes a comparison of the two





cfx docs: Ver la documentación.

cfx init: Crear el esqueleto del addon.

cfx run: Ejecutar el addon en el navegador.

cfx xpi: Empaquetar el addon.

cfx run

-p PROFILEDIR: Ejecutar el addon usando un perfil.

--addons=ADDONS : Ejecutar el addon e instalar los addons especificados.

Preparando el entorno

5.mkdir d:\Tuto

6.cd d:\Tuto

7.cfx init

* lib directory created * data directory created * test directory created * doc directory created * README.md written * package.json written * test/test-main.js written * lib/main.js written * doc/main.md written Your sample add-on is now ready. Do "cfx test" to test it and "cfx run" to try it. Have fun!

package.json

1. {
2. **"name"**: "Tutorial"
3. **"license"**: "MPL 2.0",
4. **"author"**: "Comunidad Firefox Cuba",
5. **"version"**: "0.1",
6. **"fullName"**: " Taller de Firefox ",
7. **"id"**: "jid1-ecYeRVPoGsu8Zg",
8. **"description"**: "Aprendiendo add-on-sdk",

package.json

```
9.  "preferences": [{  
10.    "name": "texto",  
11.    "title": "Texto a utilizar",  
12.    "description": "Teclee el texto a utilizar",  
13.    "type": "string",  
14.    "value": ""  
15.  }, {  
16.    "name": "entero",
```

package.json

```
17.     "description": "",  
18.     "type": "integer",  
19.     "value": 0,  
20.     "title": "Cantidad"  
21.  }]  
22. }
```

cfx run



Obtener complementos



Extensiones



Apariencia



Plugins

**Aprendiendo addon-sdk 0.1****Por Comunidad Firefox Cuba**

Es un addon para aprender.

Actualizaciones automáticas

☒ Por defecto ☐ Sí ☐ No

Última actualización

sábado, 23 de febrero de 2013

Texto a utilizar

Cantidad

[Desactivar](#)[Eliminar](#)

\data

Carpeta de recursos.



icon.png

js

html

css

`\lib\main.js`

Aquí va toda la lógica del addon.

APIs

High-Level APIs.

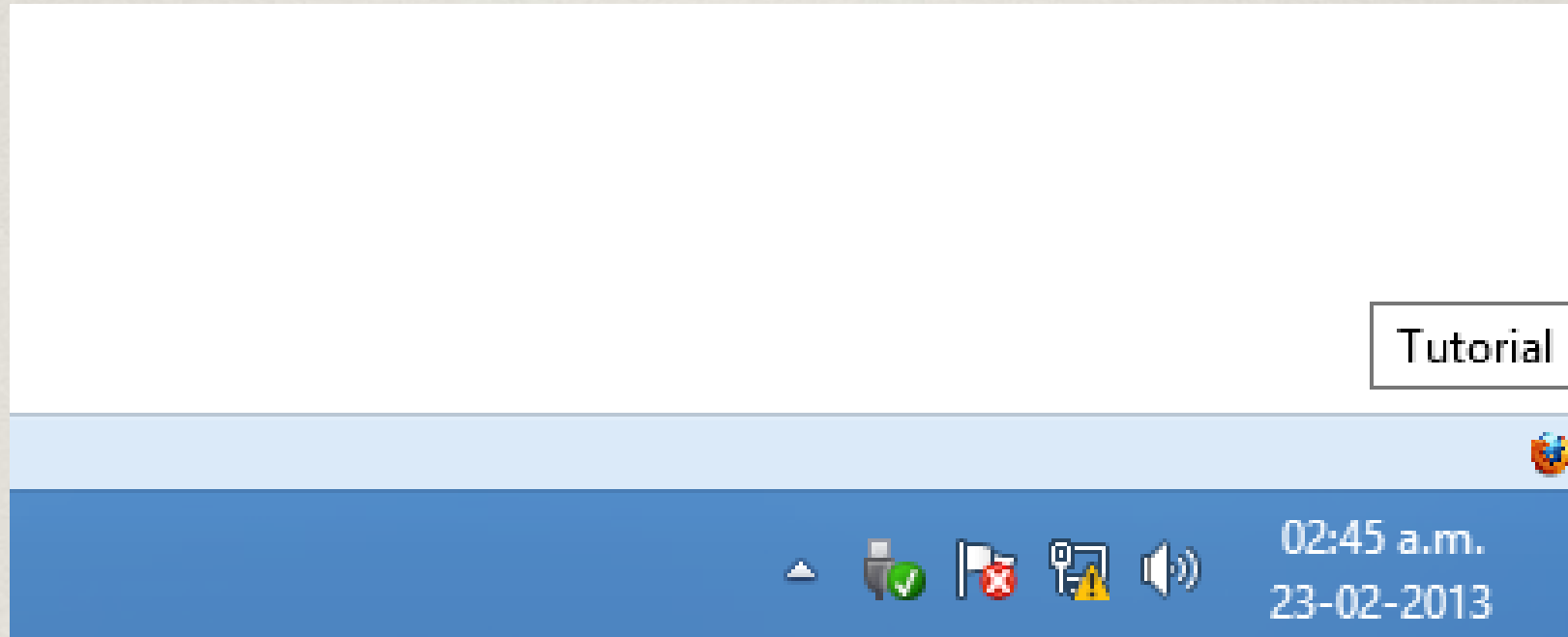


Low-Level APIs.

widget

1. `var widgets = require("sdk/widget");`
2. `var data = require("sdk/self").data;`
3. `var widget = widgets.Widget({`
4. `id:"tuto",`
5. `label: "Tutorial",`
6. `contentURL: data.url("icon.png"),`
7. `});`

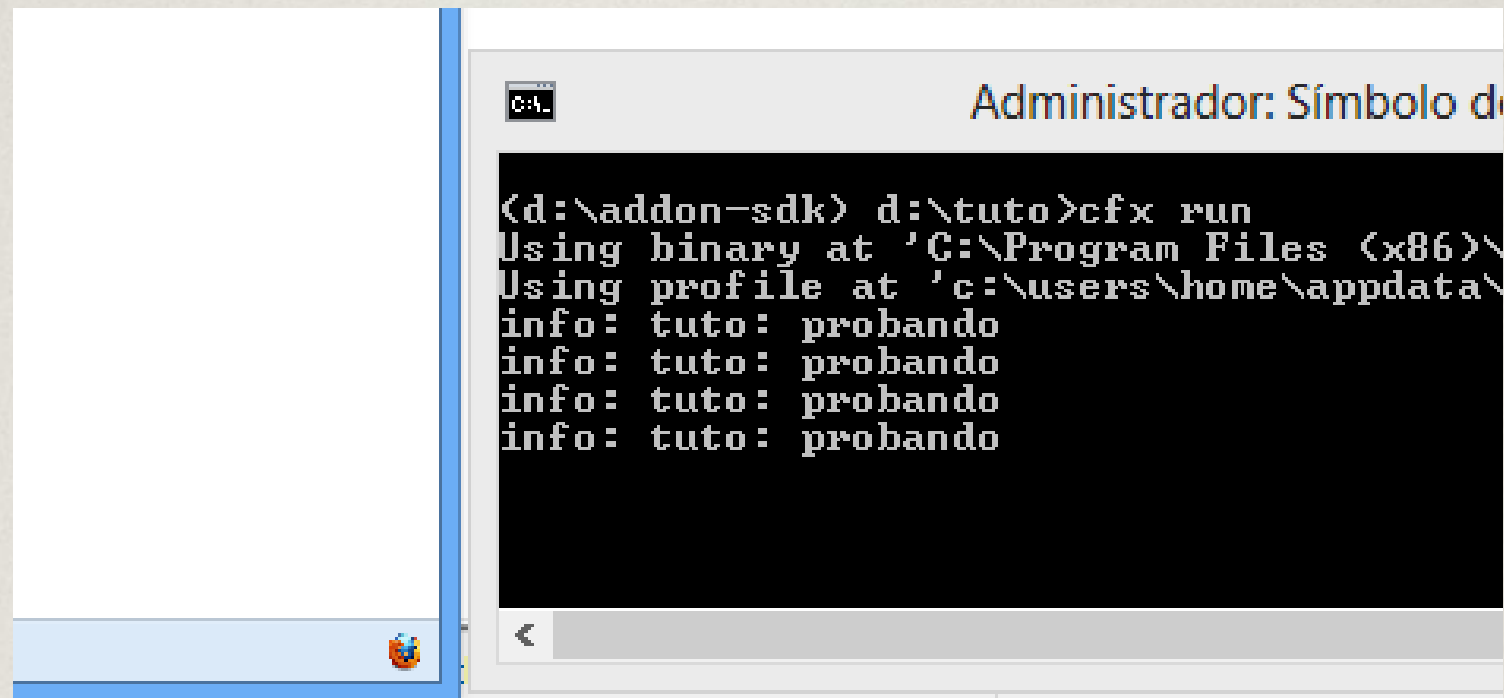
cfx run



widget -> onclick

1. widget.on("click", function(){
2. console.log("probando");
3. });

cfx run

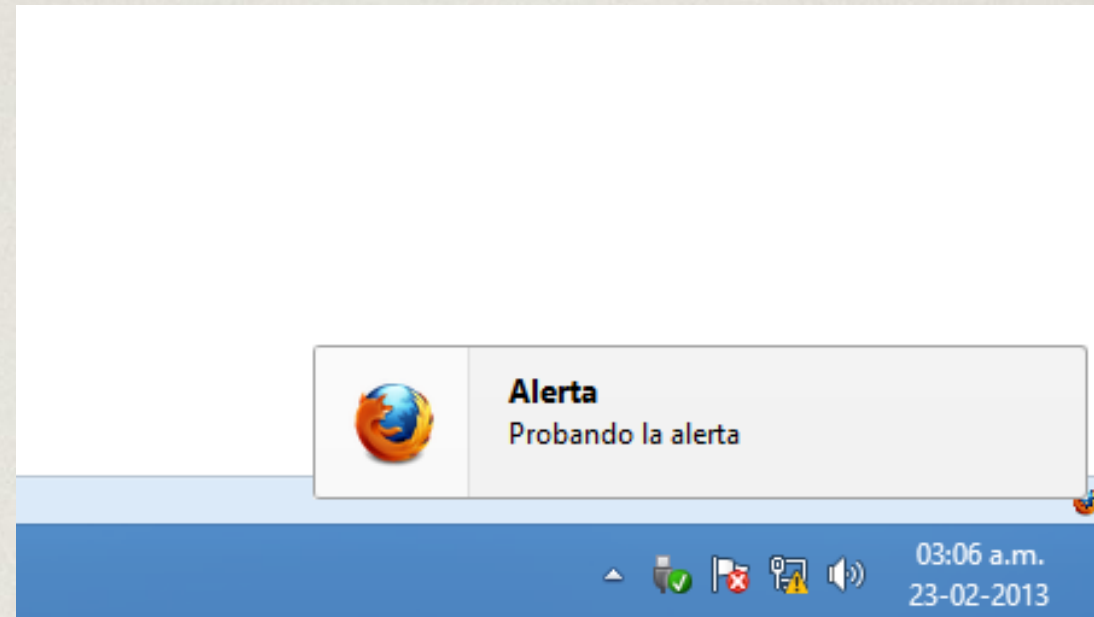


```
<d:\addon-sdk> d:\tuto>cfx run
Using binary at 'C:\Program Files (x86)\
Using profile at 'c:\users\home\appdata\
info: tuto: probando
info: tuto: probando
info: tuto: probando
info: tuto: probando
```

notifications

```
1. var notifications = require("sdk/notifications");  
2. ...  
3.   notifications.notify({  
4.     title: "Alerta",  
5.     text: "Probando la alerta",  
6.     iconURL: data.url("icon.png"),  
7.   });
```

cfx run



simple-prefs

1. `var sp= require("sdk/simple-prefs");`
2. ...
3. `console.log(sp.prefs.texto);`
4. `console.log(sp.prefs.entero);`

cfx run

The screenshot shows a Windows desktop environment. In the foreground, there is a window titled "Última actualización" (Last update) with the date "sábado, 23 de febrero de 2013". Below this, there is a section for configuration with the following fields:

- Texto a utilizar** (Text to use): A text box containing "Cuba Firefox".
- Cantidad** (Quantity): A spinner box set to "100".

At the bottom of this configuration section are two buttons: "Desactivar" (Deactivate) and "Eliminar" (Delete).

In the background, a command prompt window titled "Administrador: Símb..." is open. It shows the execution of the command `cfx run` in a directory `d:\tuto`. The output of the command is as follows:

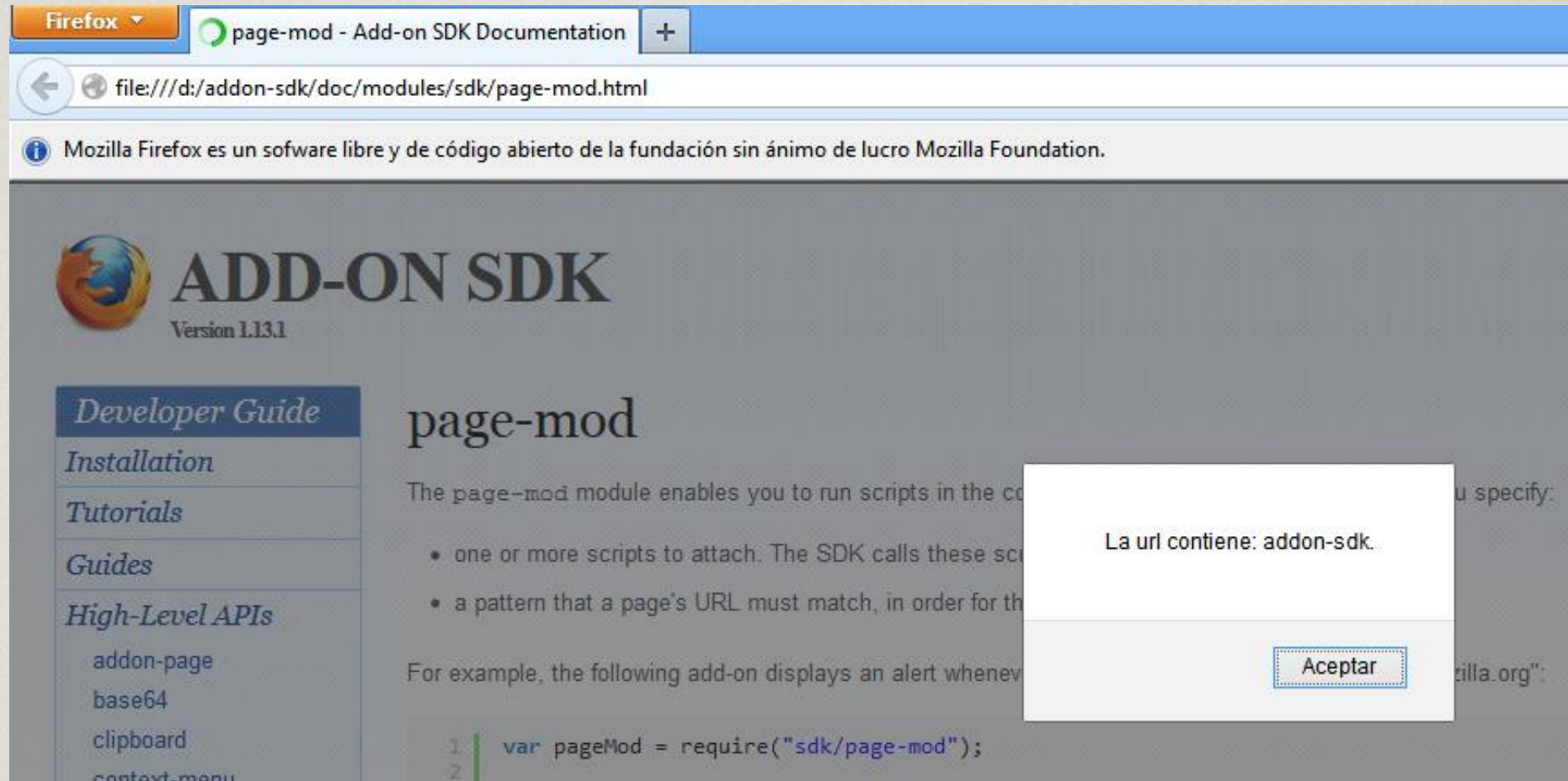
```
<d:\addon-sdk> d:\tuto>cfx run
Using binary at 'C:\Program Fil
Using profile at 'c:\users\home
info: tuto: Cuba Firefox
info: tuto: 100
```

The taskbar at the bottom of the screen shows the "Tutorial" icon, the system clock displaying "03:27 a.m." and "23-02-2013", and various system icons.

page-mod

1. `var pageMod = require("sdk/page-mod");`
2. `pageMod.PageMod({`
3. `include: /.*/, *`
4. `contentScript: 'window.alert("La url ' +`
5. `'contiene: addon-sdk.");'`
6. `});`

cfx run



¿Preguntas?

mozilla