



Firefox 4 & Add-ons

Development Track: Add-on-Con 2010

We are:



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What's new in Firefox 4?

New Features:

- Tabs on Top
- App Tabs
- Panorama
- Firefox Sync
- Notifications
- New Add-ons Manager

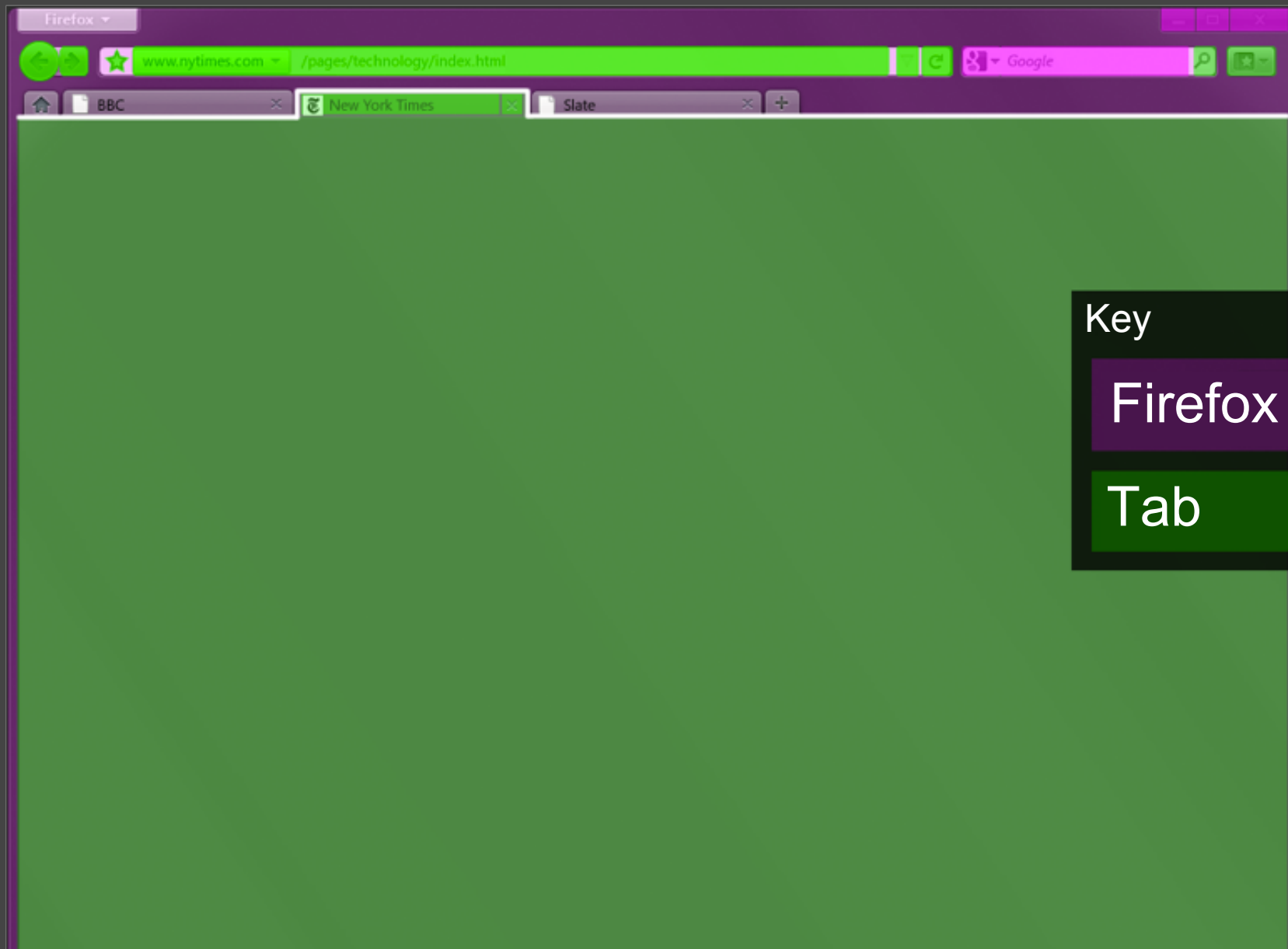
Tabs on Top

Tabs on Top

Moving Firefox's tabs to the top of windows gives many user experience benefits.

One is that it improves users' conceptual model of the browser.

Tabs on Bottom



Key

Firefox

Tab

Tabs on Top



Key

Firefox

Tab

App Tabs

App Tabs

Allows users to "pin" a tab to the left of the Firefox window, which keeps it open and visible.

App Tabs

This allows users to always have access to the tabs that hold online applications, such as:

- email
- messaging
- calendar
- music

App Tabs



Firefox ▾

Home Mail Firefox P The New York Times X New Spreadsheet X +

PANDORA®
internet radio

register | sign in

Help

share [Pause] [Next] [Volume]

Create a New Station...

Your Stations

The Killers Radio
add variety... options ▾

QuickMix ▾

All These Things That I've Done
by: The Killers
on: Hot Fuss

buy

When there's nowhere else to run
Is there room for one more son?
One more son
If you can hold on

full lyrics...

Sponsored Links

Rhapsody® Music Downloads
Legal Access to 9,000,000+ Songs.
14 Days Free then Only \$10/month!
Rhapsody.com

Study Christianity Online
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Masters or Doctorate. Free Info!
EarnMyDegree.com/ChristianStudies

YOUR FLIGHT,
SWISS MADE.

Panorama

(formerly "Tab Candy")

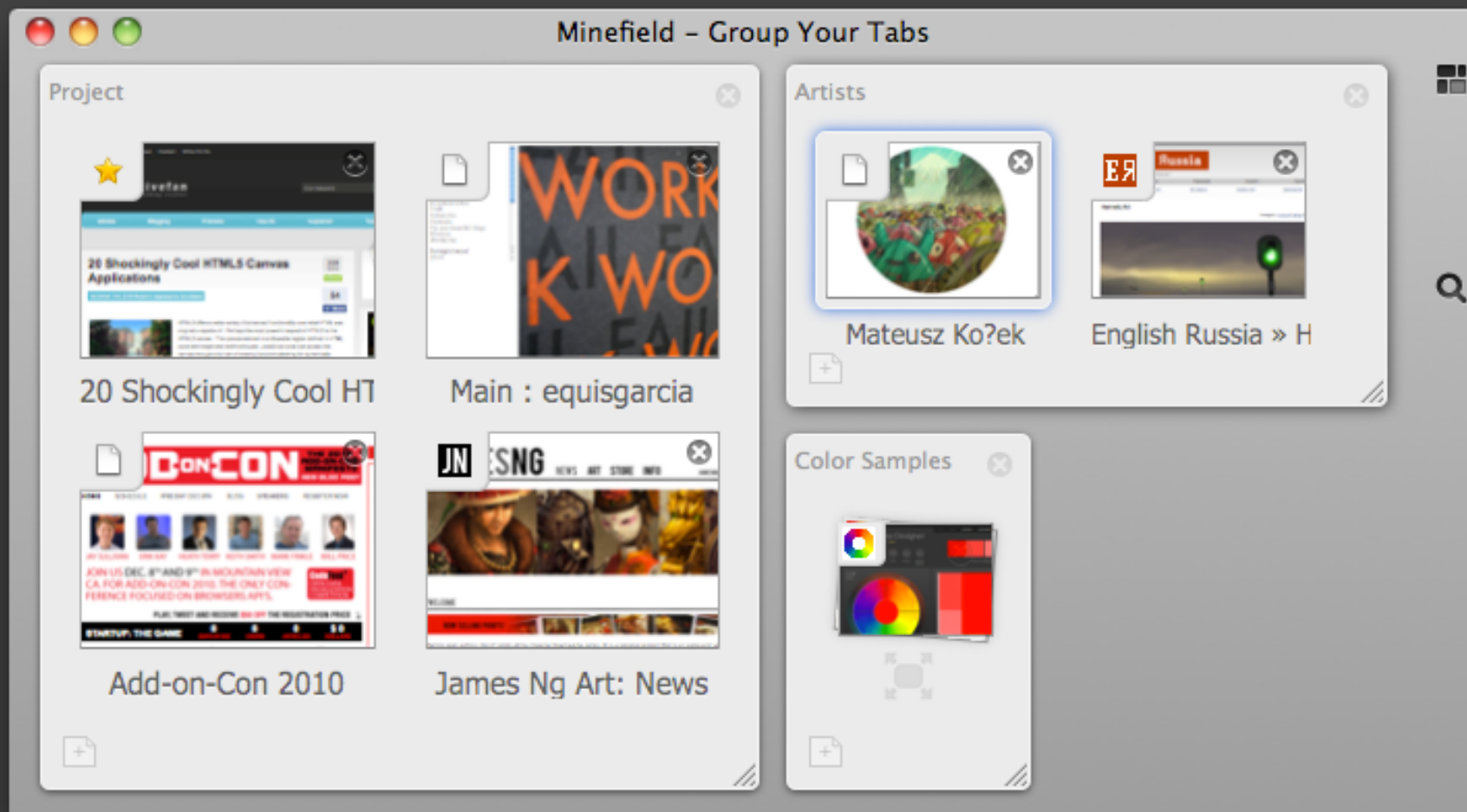
Panorama

Lets you navigate your tabs visually, dragging and dropping tabs into manageable groups that you can organize, name and arrange in a fun and visual way

Panorama



Panorama



Firefox Sync

Firefox Sync

- Gives access to history, passwords, bookmarks, and open tabs across of a user's devices
- Unifies Firefox experience across multiple computers, phones, tablet computers

Firefox Sync



Notifications

Notifications

There are two new kinds of notifications in Firefox 4.0:

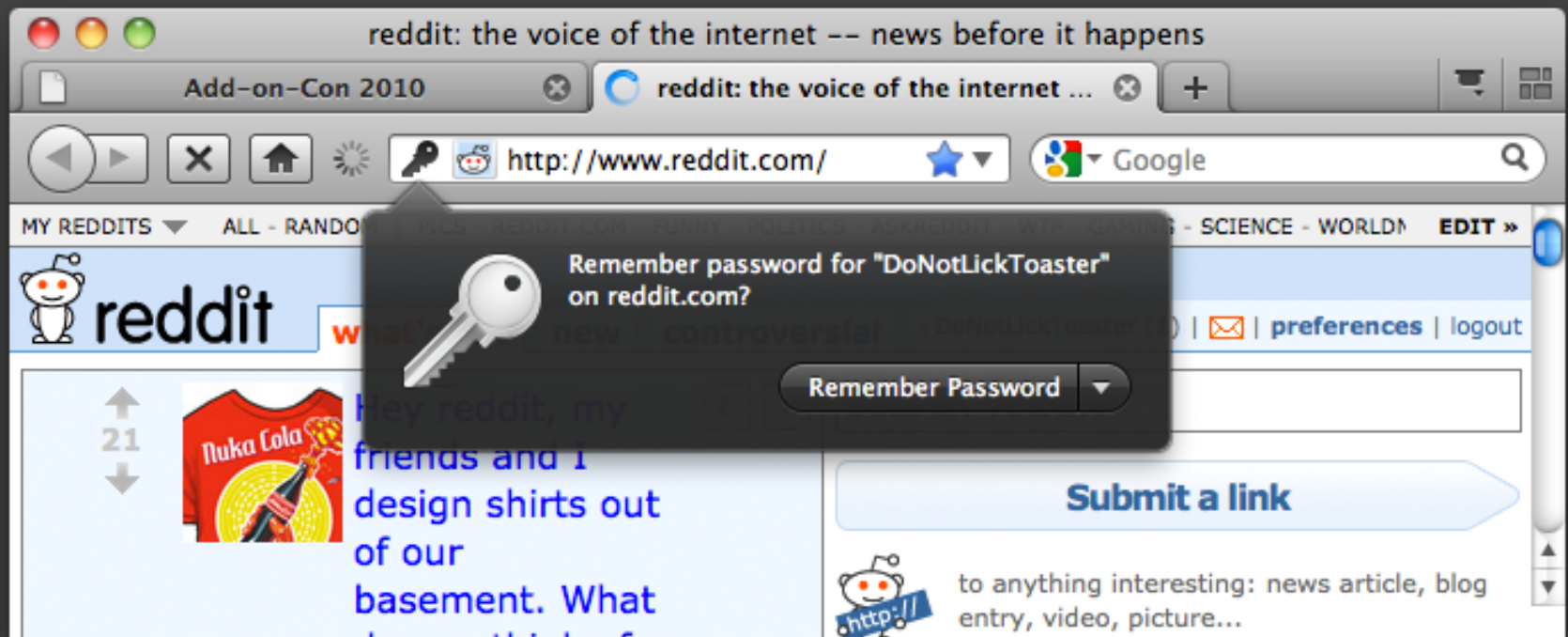
Notifications

1. Arrow Panel Notifications

These are lightweight messages that originate from pages - mainly to ask for permissions such as password saving

Notifications

1. Arrow Panel Notifications



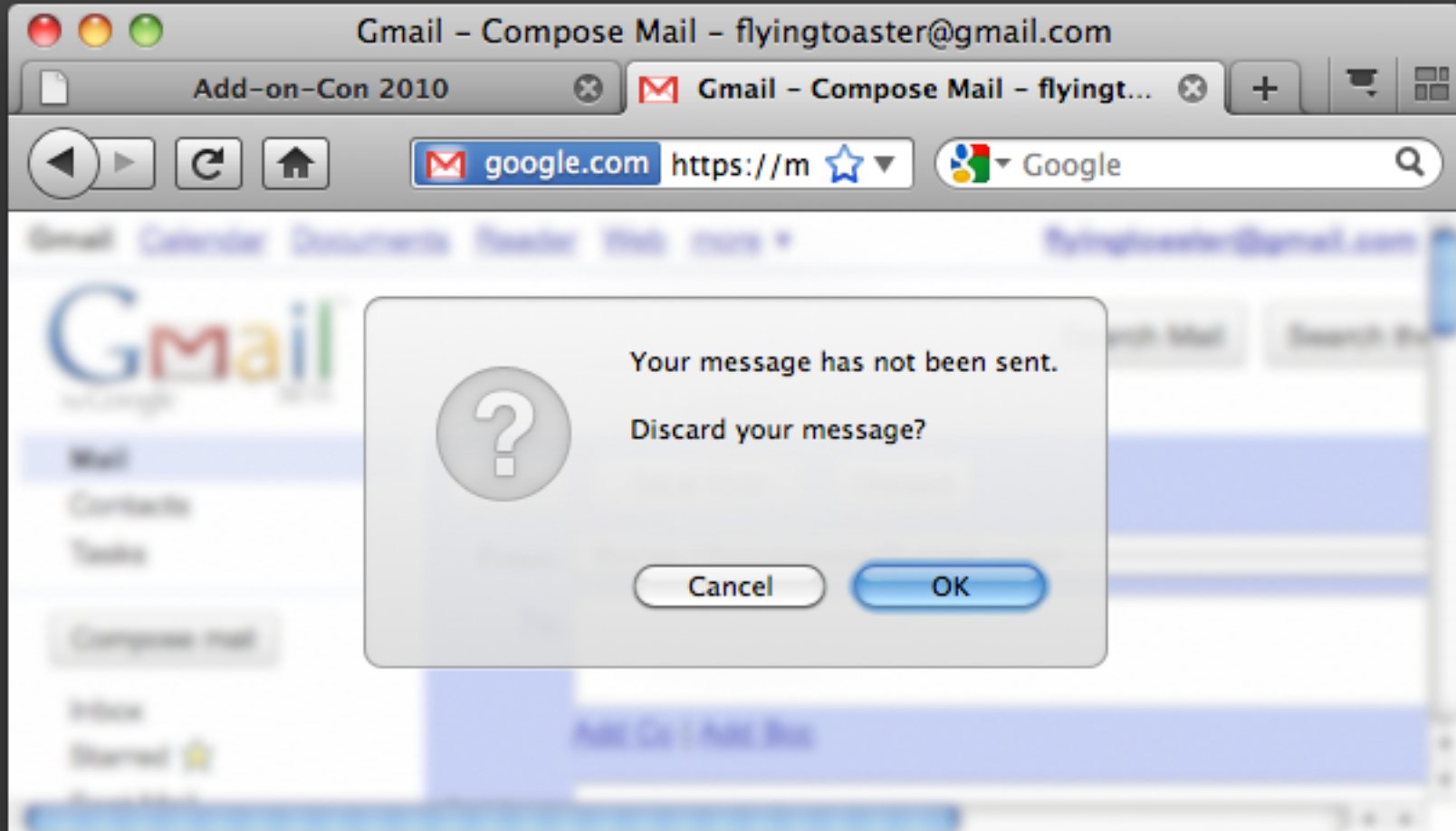
Notifications

2. Tab Modal Dialogs

Rather than allow a page's dialogs to lock up the browser, they are now isolated to only the page that prompted them

Notifications

2. Tab Modal Dialogs



New Add-ons Manager

New Add-ons Manager

Firefox 4.0's add-ons manager is undergoing a total redesign

Firefox ▾

Home Add-ons Manager × Piratpartiet Core77 Planet Mozilla × +

← → ⚙ Search all add-ons 🔍

Get Add-ons

Extensions

Plugins

Appearance

Languages

	Name	Last Updated	
	Test Pilot 1.2 By Mozilla Corporation Help improve Firefox by trying out new features. With Test Pilot, you... More	Updated 7/17/2010	Preferences Disable
	Feed Sidebar 2.3 By cfinke A whole new way to browse tabs! More	Updated 7/13/2010	Preferences Disable
	Incredible Add-on 4.3 (disabled) By Paul Davies This add-on will change everything! More	Updated 5/22/2010	Preferences Enable
	Caffeinated Fox 1.2 By Sarah Tanner Boost Firefox's performance temporarily. More	Updated 5/14/2010	Preferences Disable
	Evil Monkey (blocked) By Dr. Evil Fills every second page you visit with evil monkees. More	Updated 2/5/2010	Preferences Disable

Broken Add-on has been blocked due to stability issues.



Search all add-ons



Get Add-ons



Extensions



Plugins



Appearance



Languages



Caffeinated Fox 1.2

By [Sarah Wayne](#)

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.

The developer of this add-on asks that you help support its continued development by making a small contribution.

Suggested Donation: \$2.99 [What is this?](#)[Contribute](#)

Last Updated

November 5, 2009

Automatic Updates

 On Off

Firefox Add-ons Profile

addons.mozilla.org/en-US/firefox/addon/1328

Works With

Firefox 3.5 - 3.7a5pre

Rating

23 reviews

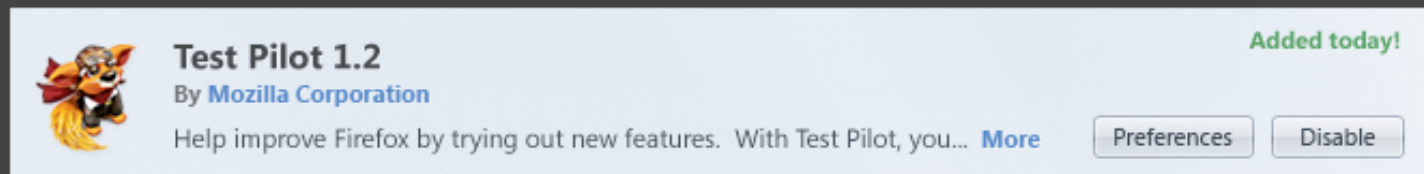
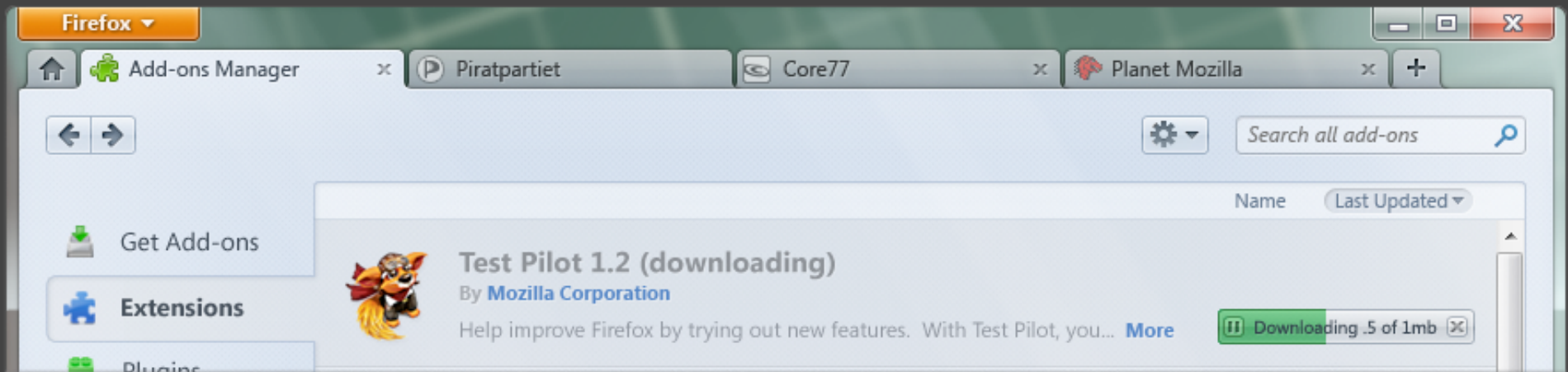
[Preferences](#)[Remove](#)[Disable](#)

New Add-ons Manager

1. Add-ons Update Automatically

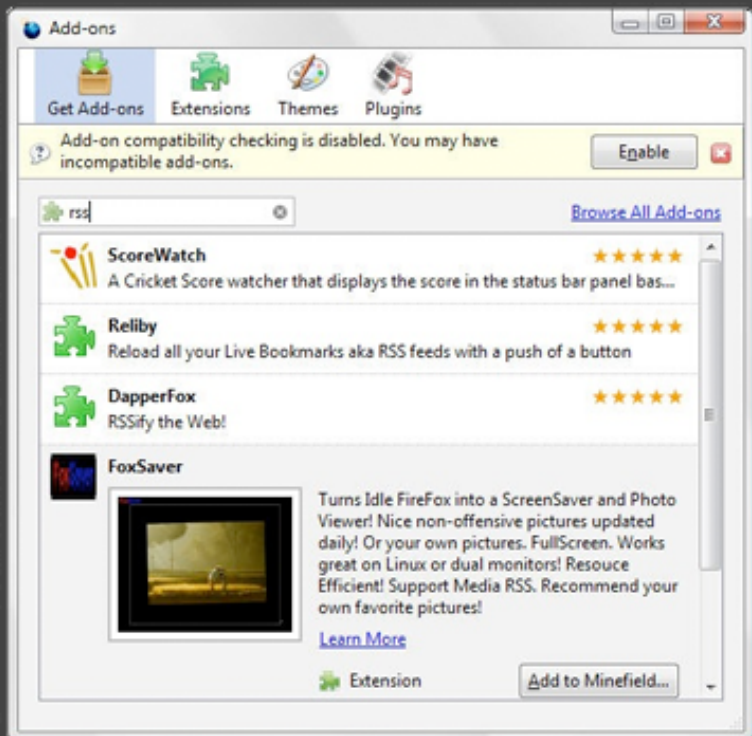
New Add-ons Manager

2. Make changes to add-ons without restarting



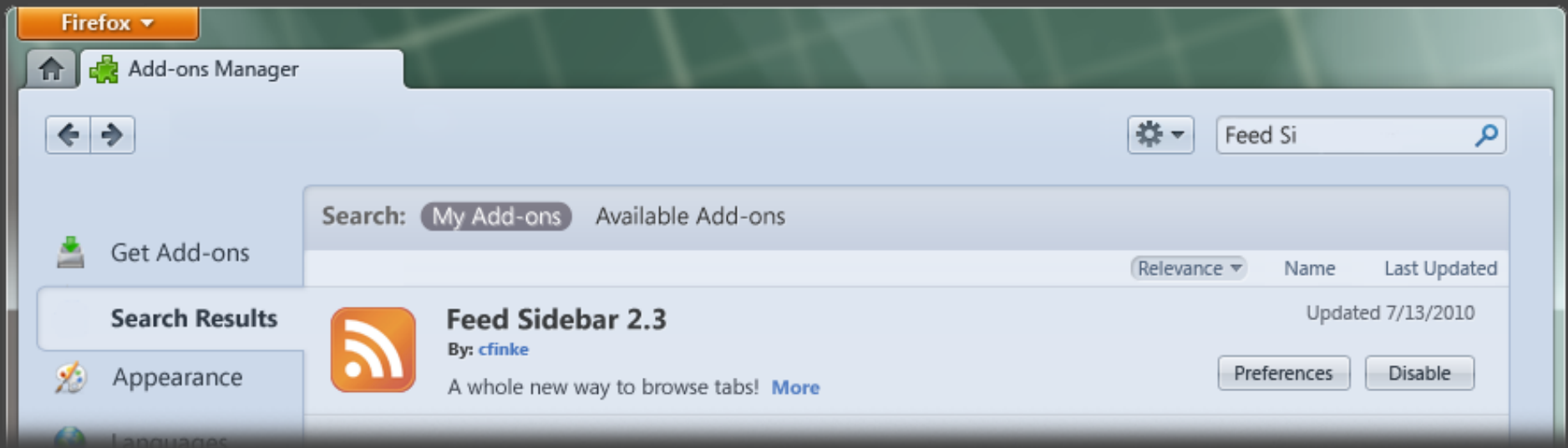
New Add-ons Manager

3. Add-on manager in a tab, not a window



New Add-ons Manager

4. Quickly find any add-on



Under the Hood of the Add-ons Manager

Rewritten add-ons manager

- Faster startup
- Better scope for future improvements
- No more dependencies

XPIs remain unextracted

- Smaller footprint
- Better performance
- Should be turned off in some cases:
 - Binary components/libraries
 - Search plugins
 - Dictionaries
 - Anywhere where an add-on access its files

Simpler XPCOM registration

- Less boilerplate
- Only execute JavaScript when necessary
- APIs and imports work immediately

Better API for accessing add-ons

- Pure JavaScript API rather than XPCOM
- Access any data that is visible in the UI
- Asynchronous access

New ways to develop

- Restartless extensions
- Add-ons SDK

Restartless extensions

- Low level
- No overlays or chrome namespaces
- Can still add to windows through the DOM
- Can manually register JS XPCOM components
- No binary XPCOM components
- Access to binary libraries through ctypes
- Single entry point
- Improvements coming after Firefox 4

Remotely updating metadata

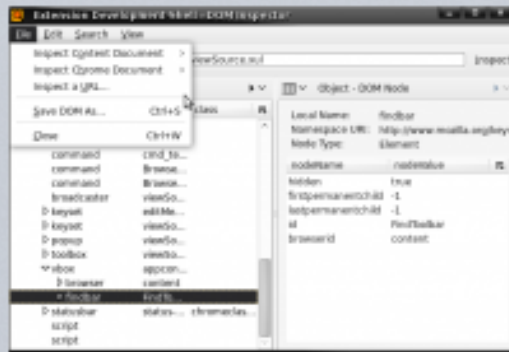
- Add-ons can opt-out
- Downloaded daily
 - Descriptions
 - Icons
 - Reviews
 - Ratings
- Contribution support baked into the browser

Contribution support



DOM Inspector 2.0.8

By [sdwilsh](#)



Inspects the structure and properties of a window and its contents with a variety of views.

All contributions for this add-on go to the Mozilla Foundation. Mozilla promotes openness, innovation and participation on the Internet. Learn more at www.mozilla.org/foundation.

The developer of this add-on asks that you help support its continued development by making a small contribution.

Suggested Contribution: 1.99



Last Updated

November 16, 2010

Automatic Updates

Default On Off

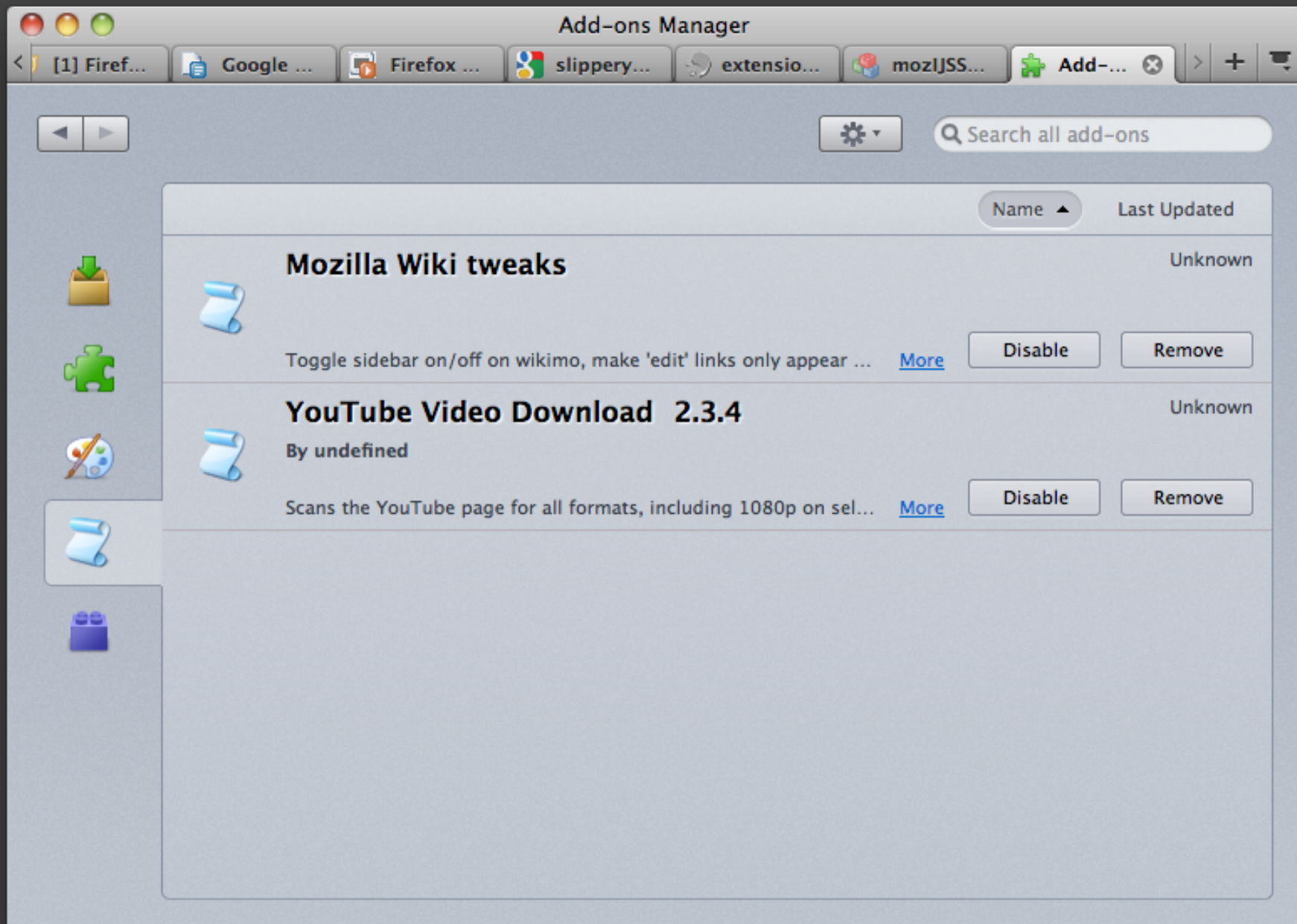
Homepage

<http://www.mozilla.org/projects/inspector/>

Rating

★★★★☆ [38 reviews](#)

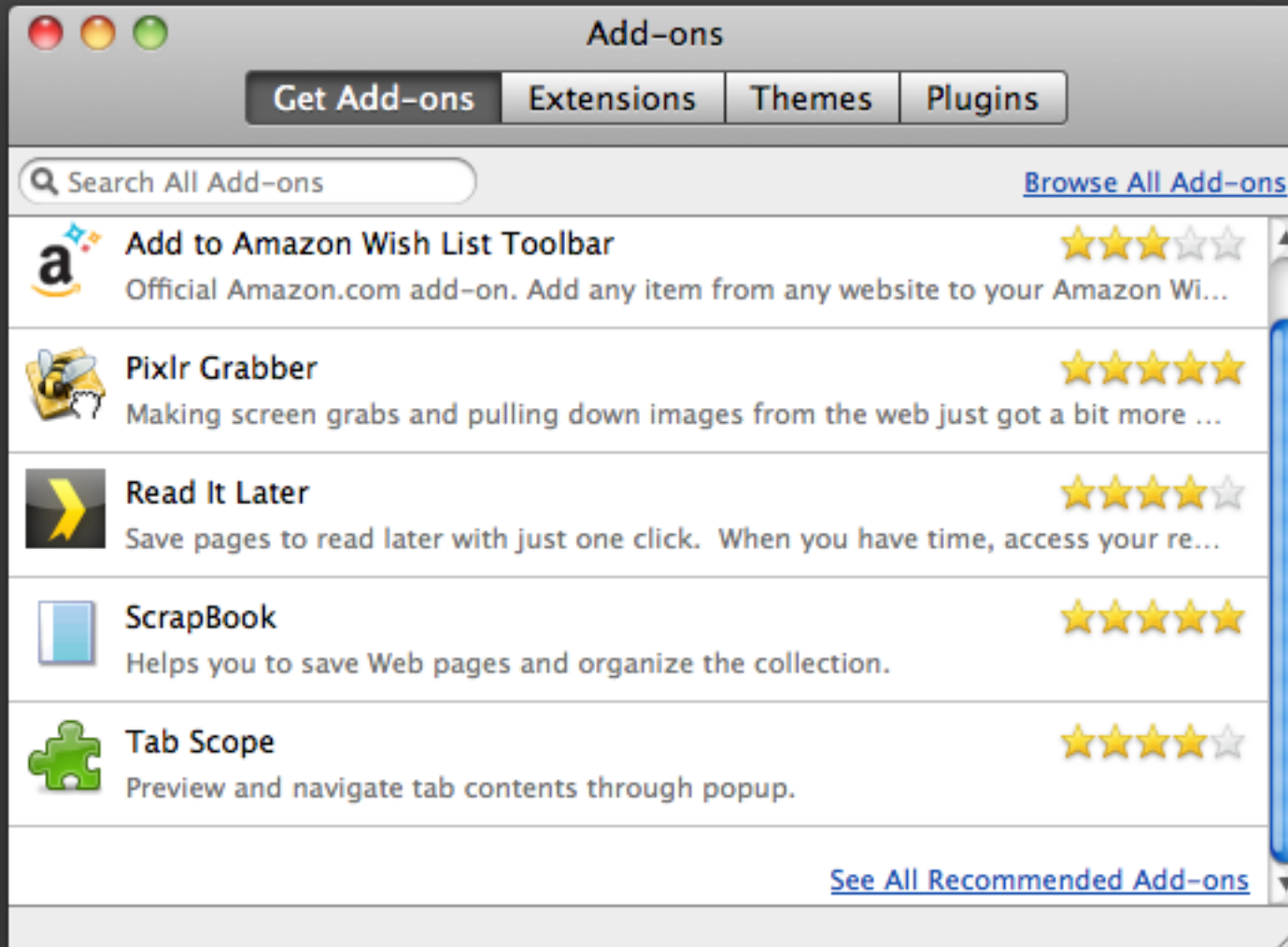
Embedding your own items



Other improvements

- Changing add-on ID
- Larger icons
- Automatic updates

Add-on Discovery



opened 17M times daily · 1.7M searches
303,000 downloads (21%)

Minefield

Add-ons Manager

about:addons

Search all add-ons

What are Add-ons?

Add-ons are applications that let you personalize Firefox with extra functionality or style. Try a time-saving sidebar, a weather notifier, or a themed look to make Firefox your own.

Learn More

Thanks for using Firefox and supporting [Mozilla's mission!](#)

Add-ons downloaded: 2,240,929,074

Rock Your Firefox Featured Add-on

Amplify

Clip, share, and spark online conversation by autoposting to Twitter, Facebook, WordPress, Posterous, Tumblr & more.

Learn More

Top Add-ons

See all

- Adblock Plus
- Video DownloadHelper
- Download Statusbar
- FlashGot
- NoScript

Featured Add-ons

- Aurora Australis
- Download Manager Tweak

Allows the download manager to also open in a tab or sidebar, and adds some optional display...
- Gardenia
- Who Nose Their
- TinEye Reverse Image

More ways to customize

Browse all add-ons

See all themes and Personas

This page isn't finished quite yet, look for more improvements coming soon!

100,000 views a day · 7,000 downloads

Future Plans

Notification about new add-ons

Another program on your computer would like to modify Firefox with the following add-on:



CaffeinatedFox 1.2

by Sarah Turner

location: /path/folder/files are here/



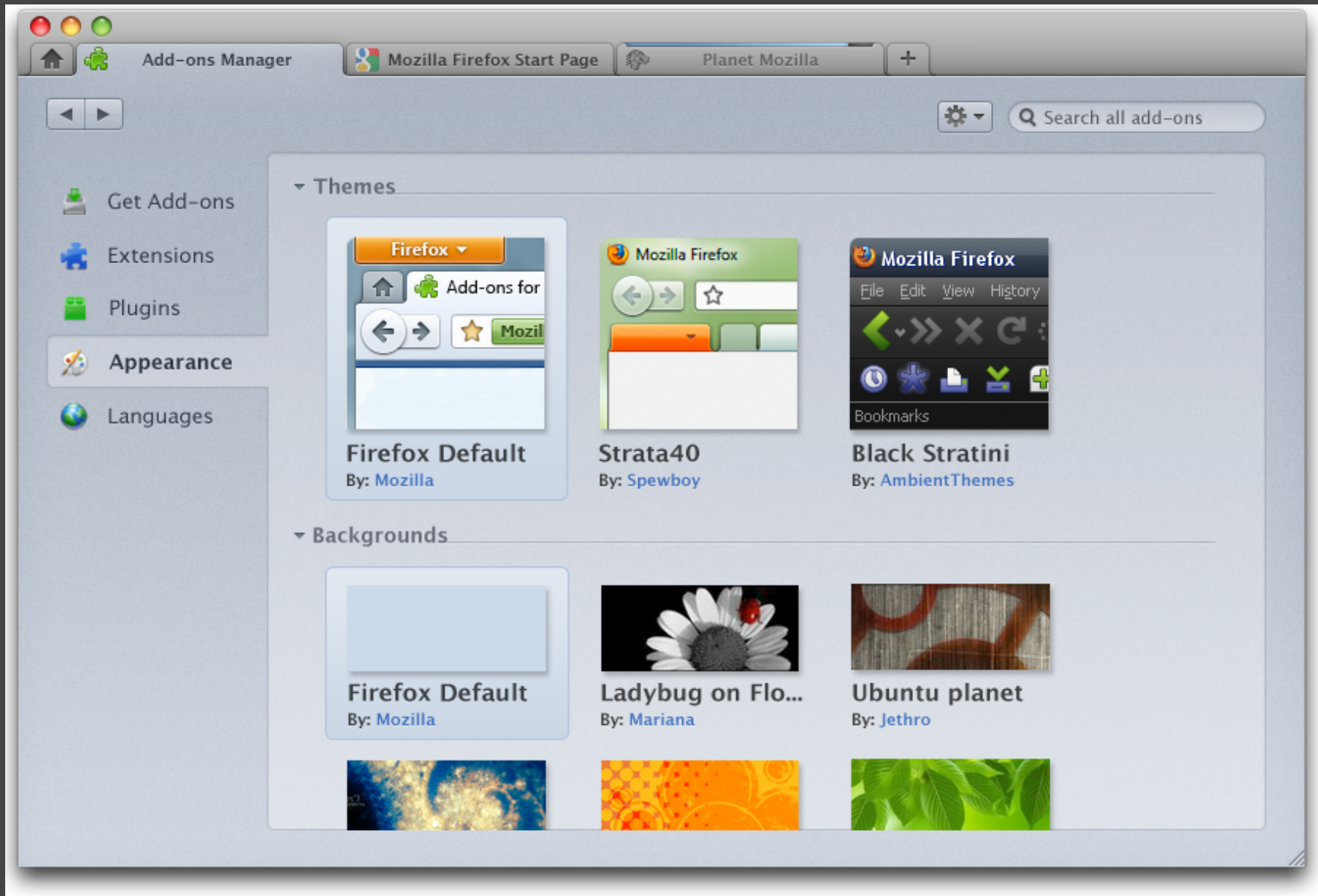
Only install add-ons from authors whom you trust.

Install Add-On

Cancel

You can always change your mind at any time by going to the Add-ons Manager

New appearance UI



Embedded preferences

Add-on 2
by [Jimmy Jones](#) [Contribute](#)

Click it!

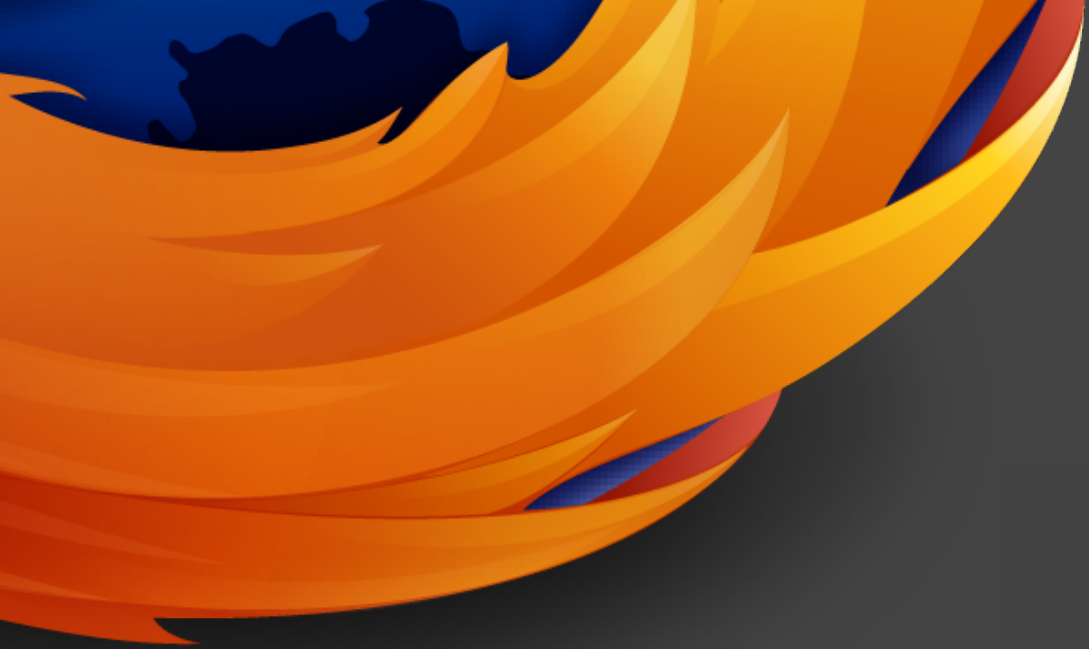
- Web
- Photos
- People
- Videos

Add-on 2 never stops, lasts a lifetime, mows your lawn, picks up the kids from school, gets rid of unwanted facial hair, gets rid of embarrassing age spots, delivers a pizza, lengthens, strengthens, and makes excuses for unwanted lipstick on your collar.

[Disable](#) [Remove](#)

Update automatically
 Preference 1
 Preference 2

Version 1.5
Works with Firefox: 3.0 - 3.7a1pre
Updated December 3, 2009
Developer [Jimmy Jones](#)
Homepage www.addon2.com
Rating ★★★★★ 23 Reviews
Downloads 5,341



Questions?