



Firefox
+
PHP

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please don't hurt the web
use open standards

mozilla developer center
developer.mozilla.org



mozilla
Firefox

Firefox + PHP

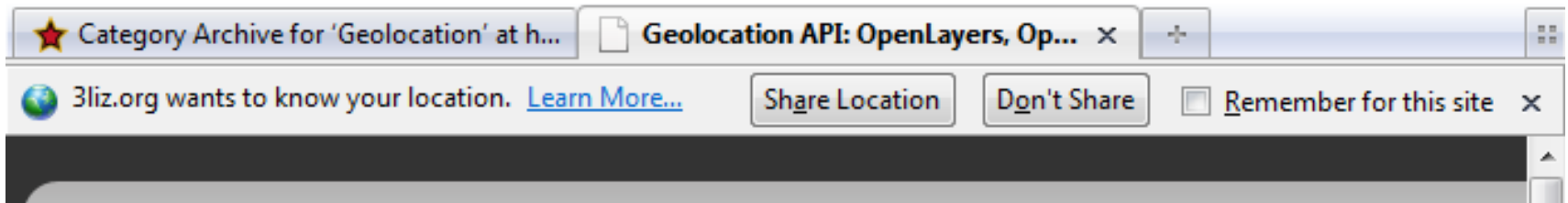


Geolocalización

Permite acceder a la ubicación física del usuario.

```
function showPosition(position)
{ alert(position.coords.latitude + " " +
position.coords.longitude); }

navigator.geolocation.getCurrentPosition(showPosition);
```



Firefox + PHP



<canvas> (HTML5)

Región para dibujo 2D y una API accesible con JavaScript

```
<html>
<head>
<script type="application/javascript">
function draw() {
    var canvas = document.getElementById("canvas");
    var ctx = canvas.getContext("2d");
    ctx.fillStyle = "rgb(200,0,0)";
    ctx.fillRect (10, 10, 55, 50);
    ctx.fillStyle = "rgba(0, 0, 200, 0.5)";
    ctx.fillRect (30, 30, 55, 50); }
</script>
</head>
<body onload="draw()">
    <canvas id="canvas" width="300" height="300"></canvas>
</body>
</html>
```



Firefox + PHP



SVG (Scalable Vector Graphics)

Dibujo de imágenes vectoriales en páginas web sin necesidad de plugins propietarios.

Firefox + PHP



WAI-ARIA, <http://www.w3.org/WAI/intro/aria.php>

Permite que aplicaciones AJAX y controles avanzados sean accesibles a personas con impedimentos

```
<h1 id="treelabel">ARIA Tree Example</h1>
<ul role="tree" aria-labelledby="treelabel" aria-
activedescendant="example_id" tabindex="0">
  <li role="treeitem" aria-expanded="true">Animals
  <ul role="group">
    <li role="treeitem">Birds</li>
    <li role="treeitem" aria-expanded="false">Cats
    <ul role="group">
      <li role="treeitem">Siamese</li>
```

Firefox + PHP



@font-face, soporte TrueType,
OpenType y WOFF (Web Open Font
Format, FF3.6)

```
@font-face {  
  font-family: "Fontin Sans";  
  src:  
  url(http://www.mozilla.pe/boletin/comun/Fontin_Sans_R_45b.otf) format("opentype"); }
```

```
.item h1 {  
  font-family: "Fontin Sans";  
  font-size: 14pt;
```

Firefox + PHP



<video> (HTML5)

- ❖ soporte nativo Ogg Theora/Vorbis en Windows, Linux y Mac OS X.
- ❖ pantalla completa, poster, Theora 1.1

```
<video width="640" height="360" poster="__POSTER__.JPG" controls>
  <source src="VIDEO.OGV" type="video/ogg" />
  <source src="VIDEO.MP4" type="video/mp4" />
  <object width="640" height="380" type="application/x-shockwave-flash"
    data="FLASH.SWF?image=POSTER.JPG&file=VIDEO.MP4">
    <param name="movie" value="FLASH.SWF?
      image=POSTER.JPG&file=VIDEO.MP4" />
     </object>
</video>
```

Firefox + PHP



- ❖ JSON, formato de datos para AJAX
- ❖ Web workers, hilos de ejecución
JavaScript
- ❖ HTML5
 - ❖ Web Forms
 - ❖ Más semántico: `<footer>`,
`<header>`, `<article>`, etc.

Firefox + PHP



Más en hacks.mozilla.org

The screenshot shows the Mozilla Hacks website with a dark background and a large red star logo containing a dinosaur. The main content is a white article titled "css backgrounds in Firefox 3.6" published by Alix Franquet on December 2, 2009. The article discusses CSS background capabilities in Firefox 3.6, including gradients, background size, and multiple backgrounds. It includes a code block for the `-moz-background-size` property and a section on percentages. On the right, there is a search bar, a Twitter link for @mozhacks, and a list of recent tweets from @nyergler and @alpha1beta. A "Get Firefox 3.5" link is visible at the bottom right.

Blog About

css backgrounds in Firefox 3.6

Published by Alix Franquet on December 2, 2009 in CSS, Firefox and Firefox 3.6 6 Comments

Firefox 3.6 allows you to do more with CSS backgrounds: you can use **gradients**, set a background size, and specify multiple backgrounds.

Custom Background Size

In Firefox 3.6, you can specify the size of a background image to scale it as a **percentage** of the original image, or to a specific **length**, using `-moz-background-size`.

```
-moz-background-size: <bg-size>[, <bg-size>]*
```

Percentages. In this example, you can see the effect of setting a size using percentages. On the left, size is set to auto, which maintains the original size of the background image. In the center, size is set to 100%, which scales the background

go
@mozhacks on twitter

@nyergler Don't worry. We won't. [in reply to nyergler 3 days ago](#)
This one is for the web developers and type nerds. But mostly the type nerds. <http://bit.ly/4OvVR9> (Happy Friday afternoon!) [3 days ago](#)

new post on CSS background capabilities in Firefox 3.6 (by @afrang) - <http://bit.ly/6hqVYH> [5 days ago](#)

@alpha1beta You are very welcome! [in reply to alpha1beta 5 days ago](#)
Greetings to all our new followers! We've still got a lot of good stuff lined up for the rest of this week, so stay tuned. [6 days ago](#)
[More updates...](#)

Get Firefox 3.5

Firefox + PHP



FirePHP, *firephp.org*

- Permite hacer log a la consola de Firebug facilitando la depuración de aplicaciones Ajax.
- Trabaja con una librería PHP para modo procedural u OO.
- La librería viene incluida con Zend 1.6+.
- También útil para depuración de otros tipos de aplicaciones donde no se puede modificar el contenido (imágenes).

Firefox + PHP



The screenshot shows the Mozilla Firefox browser window. The address bar displays the URL `http://mozilla.pe/FirePHPCore/demo.php`. The page content is titled "Aplicación Ajax". The developer console is open, showing the following output:

```
Clear Profile
"Reload to activate window console"
http://mozilla.pe/FirePHPCore/demo.php
Mis variables Ajax: array('i'=> 10, 'j'=> 20)
Otra variable: 8
```

The status bar at the bottom indicates "Done", "Not Signed In", and "YSlow 0.474s".

Firefox + PHP



Selenium, *seleniumhq.org*

- Automatización de pruebas de aplicaciones web.
- Exporta código como unit tests en PHP, Java, C, C++, Ruby, Python, Perl y otros.
- Pruebas pueden ser reproducidas automáticamente en Firefox, Chrome e Internet Explorer.

Molybdenum, *molyb.org*

- Algo más simple que Selenium

Firefox + PHP



The screenshot shows the Selenium IDE interface within a Mozilla Firefox 3.6 Beta 5 browser window. The browser's address bar displays the URL `https://addons.mozilla.org/en-US/firefox/addon/4149`. The Selenium IDE interface includes a menu bar (File, Edit, View, History, Bookmarks, Tools, Help), a toolbar with navigation and execution icons, and a table for recording test steps.

Command	Target	Value
clickAndWait	//button[@type...	
select	cat	label=Web D...
clickAndWait	//button[@type...	
click	link=Advanced	
select	type	label=2.5

Below the table is a 'Find' button and a 'Log' section with tabs for Reference, UI-Element, Rollup, Info, and Clear. The main browser content area shows the 'Add-ons for Firefox' page for 'Molybdenum 0.7.3' by Claas Thiele, jmaukisch, and Jonas Kilian. A small inset window shows a log of Selenium IDE actions.

Firefox + PHP



Firebug

- Depuración avanzada JavaScript
- Revisión y edición de CSS
- Monitoreo de tráfico de red
- Navegación del DOM
- Extensible

Firefox + PHP



The screenshot shows the Mozilla Firefox browser window displaying the Thunderbird 3 website. The address bar shows the URL `http://www.mozillamessaging.com/en-US/thunderbird/`. The page content includes the Mozilla Messaging navigation bar, the heading "Thunderbird 3", and the sub-heading "Now with tabs, better search, and email archiving".

The Script console is open, showing the following HTML code:

```
1 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict
2 "http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd
3
4 <html xmlns="http://www.w3.org/1999/xhtml" xml:lar
5
6 <head>
7   <meta http-equiv="Content-Type" content="t
8   <title>Thunderbird - It's All Yours</title>
9   <script type="text/javascript" src="/js/ut
10  <link rel="stylesheet" type="text/css" hre
11  <link rel="stylesheet" type="text/css" hre
12  <script type="text/javascript" src="/inclu
13  <script type="text/javascript" src="/inclu
14  <script type="text/javascript" src="/inclu
15  <script type="text/javascript" src="/inc/
```

Firefox + PHP



Yslow: identifica problemas de desempeño con un sitio web.

The screenshot shows the Firefox browser displaying the website <http://elcomercio.pe/>. The YSlow performance tool is active, showing a **Grade E** overall performance score of 57. The tool identifies several issues:

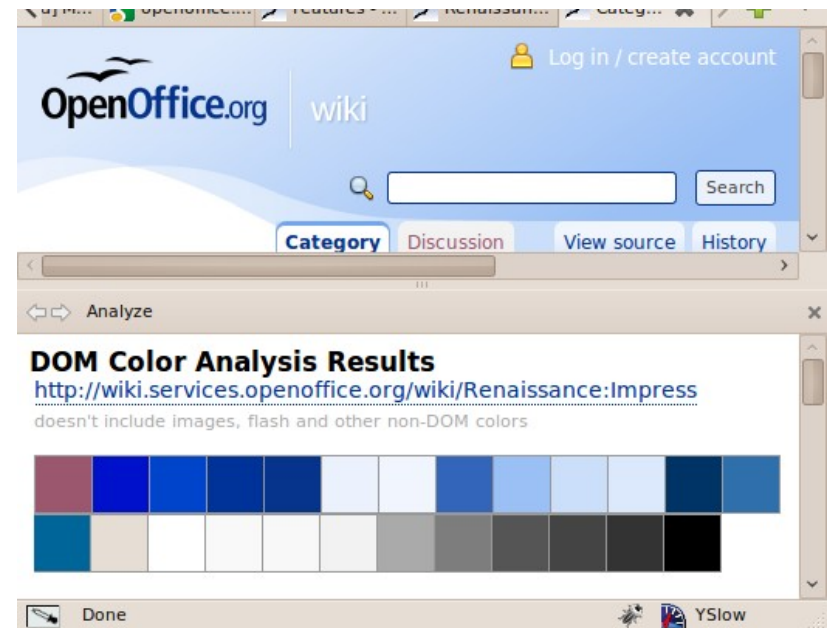
- F Make fewer HTTP requests**: This page has 18 external Javascript scripts. Try combining them into one. This page has 3 external stylesheets. Try combining them into one. This page has 39 external background images. Try combining them with CSS sprites.
- F Use a Content Delivery Network (CDN)**
- F Add Expires headers**
- F Compress components with gzip**
- A Put CSS at top**

The YSlow tool also provides a summary of components: **ALL (22)** FILTER BY: **CONTENT (6)** | **COOKIE (2)** | **CSS (6)** | **IMAGES (2)** | **JAVASCRIPT (4)** | **SERVER (5)**. The browser's status bar at the bottom shows the page is done loading, with a connection to pcabellor and a file size of 1405.4K.

Firefox + PHP



ColorZilla: permite identificar cualquier color de una página web y generar paletas automáticamente.



Firefox + PHP



Web Developer

Una barra de herramientas con docenas de pequeñas utilidades: validar código, mostrar detalles de imágenes y formularios, jugar con CSSs, etc.

Firefox + PHP



Category: User Experience Community

Firefox + PHP



FireFTP

The screenshot shows the FireFTP interface within Mozilla Firefox 3.6 Beta 5. The browser window title is "mozilla.pe - FireFTP - Mozilla Firefox 3.6 Beta 5". The address bar shows "chrome://fireftp/content/fireftp.xul". The interface includes a menu bar (File, Edit, View, History, Bookmarks, Tools, Help), a toolbar with navigation buttons, and a search bar with "Google" as the search engine. Below the browser window, the FireFTP interface is visible, showing a local file system on the left and a remote file system on the right. The local file system is located at "C:\Users\Percy\Desktop\FirePHPCore-0" and shows a folder structure including "Contacts", "Cookies", "Desktop", "demos", "firefox", "FirePHP", "lib", "New fol...", "Document", "Download", and "Favorites". The "lib" folder is selected. The remote file system shows a directory listing with columns for "Name", "Type", and "Date". The listing includes folders such as "_db_backups", "boletin", "cgi", "edusitios", "FirePHPCore", "foros", "imagenes", "lists", "php_uploads", "phplist-2.10.10", and "planet". The "FirePHPCore" folder is highlighted. At the bottom of the interface, there is a "Log" and "Queue" section. The "Log" section shows the following output:

```
257 / is your current location
TYPE A
200 TYPE is now ASCII
PASV
227 Entering Passive Mode (97,74,144,182,197,46)
MLSD
150 Accepted data connection
226-Options: -a -l
226 46 matches total
```

The "Queue" section shows "Local Listing: 1 object(s), 0 Bytes, Disk Space Availabl...". The status bar at the bottom right indicates "Not Signed In".

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Mozilla Perú

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Preguntas



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