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A group of four people are shown in a dark, dimly lit environment, likely a gaming room. They are all focused on playing video games. The person on the left is wearing a green t-shirt with a circular logo that says 'MXPX' and 'LIVE! COAST PUNK'. The person in the center is wearing a plaid shirt and has a look of intense concentration. The person on the right is wearing a dark jacket and glasses, holding a controller to his mouth. The person in the foreground is wearing a black t-shirt and glasses, laughing heartily. The overall mood is one of fun and excitement.

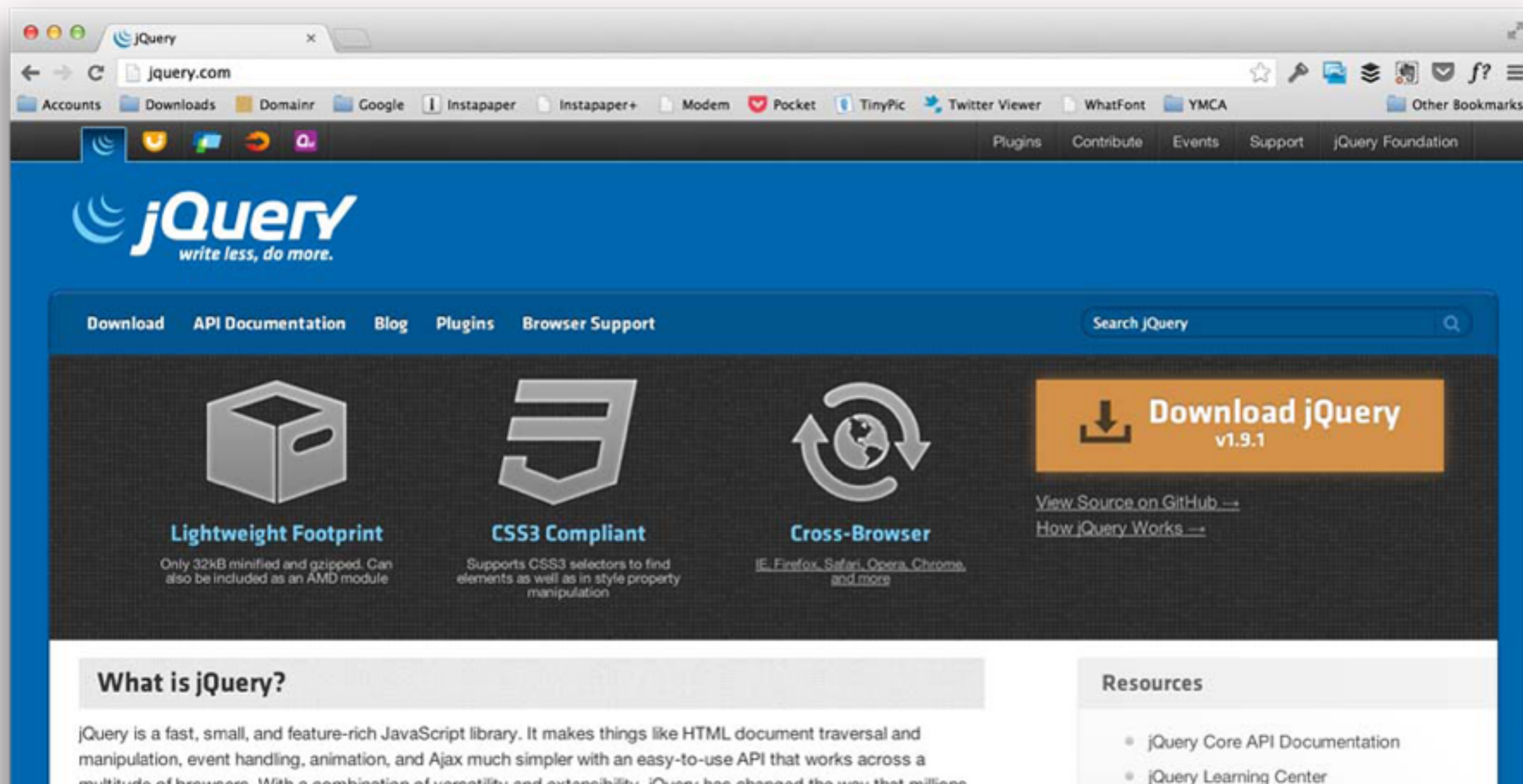
8BIT PRESS START

Testing & Troubleshooting WordPress Plugins & Themes

Outline

- ▶ Safeguards
- ▶ Testing
- ▶ Troubleshooting

Safeguards

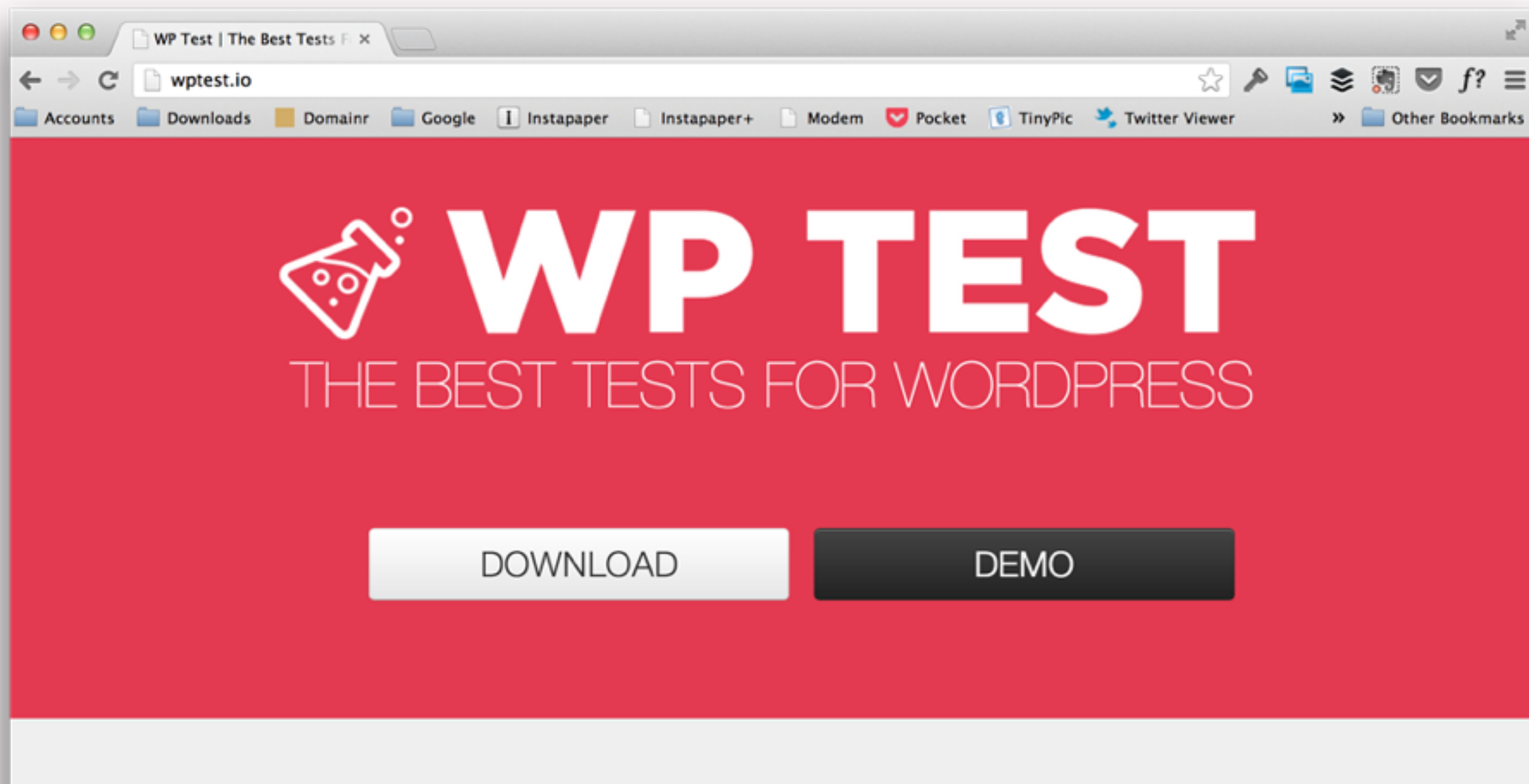


jQuery
(and other default scripts)

The image shows a browser window displaying the WordPress Codex page for Conditional Tags. The browser's address bar shows the URL `codex.wordpress.org/Conditional_Tags`. The page header includes the WordPress logo and the text "WORDPRESS.ORG". A navigation menu contains links for Showcase, Themes, Plugins, Mobile, Support, Get Involved, About, Blog, Hosting, and Download. Below the header, the page title "Codex" is visible, along with a "Log in" link. The main content area features the title "Conditional Tags" and a language selection bar with options for English, Français, Italiano, 日本語, Türkçe, Português do Brasil, and 中文(简体). The "Introduction" section explains that Conditional Tags are used in template files to change content based on page conditions, such as displaying a snippet of text only on the main page using the `is_home()` tag. A "Warning" section notes that conditional query tags must be used after the `posts_selection` action hook. A "Contents" sidebar lists sections from 1 to 2.8, including "The Main Page", "The Front Page", "The Administration Panels", "A Single Post Page", "A Sticky Post", "A Post Type", "A Post Type is Hierarchical", and "A Post Type Archive". A right-hand sidebar contains various navigation links like "Home Page", "WordPress Lessons", "Getting Started", "Working with WordPress", "Design and Layout", "Advanced Topics", "Troubleshooting", "Developer Docs", "About WordPress", "Codex Resources", "Community portal", "Current events", and "Recent changes".

Conditionals

Testing



Data

wptest.io

Plugins

```
/**
 * For developers: WordPress debugging mode.
 *
 * Change this to true to enable the display of notices during development.
 * It is strongly recommended that plugin and theme developers use WP_DEBUG
 * in their development environments.
 */
define( 'WP_DEBUG', true );
define( 'WP_DEBUG_LOG', true );
define( 'WP_DEBUG_DISPLAY', false ); // change to true if Debug Bar is off
define( 'SCRIPT_DEBUG', true );
```

Setup

wp-config.php

WordPress > Debug Bar

wordpress.org/extend/plugins/debug-bar/

WordPress.ORG

Showcase Themes **Plugins** Mobile Support Get Involved About Blog Hosting [Download](#)

Plugin Directory

Username Password [Log in](#) (forgot?) or [Register](#)

Extend Home

Plugins

- Developer Center

Themes

Mobile

Ideas

Kvetch!

Search Plugins

[Search](#)

Popular

Tags [More -](#)

widget (3,406)

koop.local	PHP	MySQL	Memory Usage
#1	5.3.6	5.5.9	3,708,912 bytes

Queries

WP Query

Request

- Debug Bar**

TOTAL QUERIES: **12**

TOTAL QUERY TIME: **14.3 ms**

```
SELECT option_name, option_value FROM wpdev_options WHERE autoload = wp_not_installed, is_blog_installed, wp_load_alloptions
```

Adds a debug menu to the admin bar that shows query, cache, and other helpful debugging information.

[Download Version 0.8](#)

[Description](#) [Installation](#) [Changelog](#) [Stats](#) [Support](#) [Reviews](#) [Developers](#)

Debug Bar

The screenshot shows a web browser window with the URL `dvlp.it/8bit/standard/org/3.2/`. The browser's address bar and tabs are visible at the top. The main content area displays the 'Standard Theme' website header, which includes the text 'Standard fast, light, effective'. Below the header, a debug bar is overlaid, showing system information for 'web324.webfaction.com' and a table of error counts. The table indicates 1 total warning and 1 total notice. The warning message is 'WARNING: wp-includes/class-http.php:1656 - gzinflate(): data error', and the notice message is 'NOTICE: wp-content/themes/standard-child-theme-kit/functions.php:53 - Undefined variable: undeclared_variable'. A sidebar on the left contains navigation links for 'Notices / Warnings', 'Deprecated', 'Request', 'Object Cache', and 'Kint Debugger'.

web324.webfaction.com	PHP	MySQL	Memory Usage
#1	5.4.8	5.5.30	21,603,184 bytes

TOTAL WARNINGS:	TOTAL NOTICES:
1	1

WARNING: wp-includes/class-http.php:1656 - gzinflate(): data error

NOTICE: wp-content/themes/standard-child-theme-kit/functions.php:53 - Undefined variable: undeclared_variable

Debug Bar Example

- ▶ Debug Bar Actions and Filters Addon
- ▶ Debug Bar Console
- ▶ Debug Bar Cron
- ▶ Debug Bar Post Meta
- ▶ Debug Bar Query Tracer
- ▶ Debug Bar Super Globals
- ▶ Debug Bar Template Trace
- ▶ Debug Bar Transients
- ▶ Debug Bar-Extender
- ▶ Kint Debugger
- ▶ WooCommerce Debug Bar

The image shows a browser window displaying the WordPress.org website. The address bar shows the URL `wordpress.org/extend/plugins/log-deprecated-notice/`. The page header includes the WordPress logo and navigation links for Showcase, Themes, Plugins, Mobile, Support, Get Involved, About, Blog, Hosting, and a Download button. Below the header is a login section with fields for Username and Password, and a Log in button, along with links for (forgot?) or Register.

The main content area features a sidebar on the left with navigation links: Extend Home, Plugins (with a sub-link for Developer Center), Themes, Mobile, Ideas, and Kvetch!. Below these is a Search Plugins section with a search input field and a Search button. Further down are Popular and Tags sections, with a link to 'widget (3,406)'.

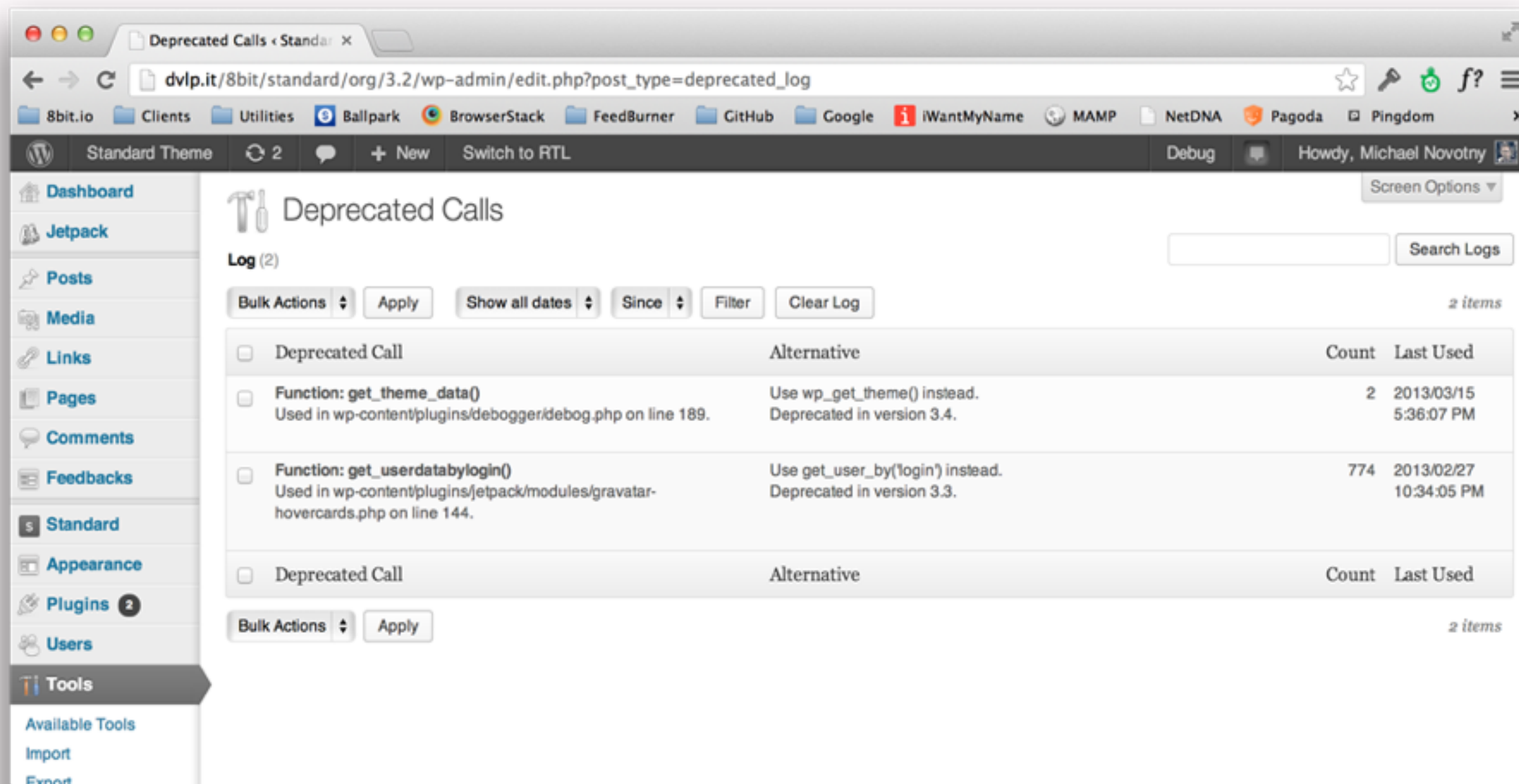
The main content area is titled 'Log Deprecated Notices'. It includes a description: 'Logs the usage of deprecated files, functions, and function arguments, and identifies where the deprecated functionality is being used.' A prominent orange button labeled 'Download Version 0.2' is positioned to the right of the description. Below the description are tabs for Description, Installation, Screenshots, Other Notes, Stats, Support, Reviews, and Developers.

Below the tabs, there are three columns of information:

- Description:** This plugin logs the usage of deprecated files, functions, and function arguments. It identifies where the deprecated functionality is being used and offers the alternative if available.
- Usage:** This is a plugin for developers. WP_DEBUG is not needed, though its general usage is strongly recommended. Deprecated notices normally exposed by WP_DEBUG will be logged instead.
- Requirements:** Requires: 3.0 or higher; Compatible up to: 3.6; Last Updated: 2013-3-8; Downloads: 12,660.

At the bottom right, there is a Ratings section showing a 4.9 out of 5 stars rating, represented by five yellow stars.

Log Deprecated Notices



Log Deprecated Notices Example

WordPress > Theme-Check x

wordpress.org/extend/plugins/theme-check/

Accounts Downloads Domainr Google Instapaper Instapaper+ Modem Pocket TinyPic Twitter Viewer WhatFont YMCA Other Bookmarks

WordPress.ORG

Showcase Themes **Plugins** Mobile Support Get Involved About Blog Hosting **Download**

Plugin Directory Username Password **Log in** (forgot?) or Register

Extend Home

Plugins

- Developer Center

Themes

Mobile

Ideas

Kvetch!

Search Plugins

Search

Popular

Tags [More >](#)

widget (3,406)

Theme-Check

A simple and easy way to test your theme for all the latest WordPress standards and practices. A great theme development tool!

Download Version 20121211

[Description](#) [FAQ](#) [Other Notes](#) [Changelog](#) [Stats](#) [Support](#) [Reviews](#) [Developers](#)

The theme check plugin is an easy way to test your theme and make sure it's up to spec with the latest [theme review](#) standards. With it, you can run all the same automated testing tools on your theme that WordPress.org uses for theme submissions.

The tests are run through a simple admin menu and all results are displayed at once. This is very handy for theme developers, or anybody looking to make sure that their theme supports the latest WordPress theme standards and practices.

Requires: 3.0 or higher
Compatible up to: 3.5.1
Last Updated: 2012-12-11
Downloads: 144,559

Ratings

★★★★★
4.8 out of 5 stars

Tags: [check](#) [checker](#) [guideline](#) [review](#) [template](#) [test](#) [theme](#) [tool](#) [upload](#) [uploader](#) [wordpress](#)

Theme-Check

```
Line 266: } elseif( function_exists( 'file_get_contents' ) ) {
Line 267: $template = $this->file_get_contents( $url );
WARNING: file_get_contents was found in the file functions.php possible file operations.
Line 3766: $page_content = file_get_contents( get_template_directory_uri() . '/lib/Standard_Privacy_Po
Line 3768: $page_content = file_get_contents( get_template_directory_uri() . '/lib/Standard_Comment_Po
WARNING: curl_init was found in the file lib/influence/plugin.php possible file operations.
Line 321: if( function_exists( 'curl_init' ) ) {
Line 339: $curl = curl_init( $url );
Line 374: return function_exists( 'curl_init' ) || function_exists( 'file_get_contents' );
WARNING: curl_exec was found in the file lib/influence/plugin.php possible file operations.
Line 348: $response = curl_exec( $curl );
WARNING: .ds_store Hidden Files or Folders found.
REQUIRED: functions.php. Themes should use add_theme_page() for adding admin pages.
Line 72: add_menu_page(
RECOMMENDED: could not find the file readme.txt in the theme. Please see Theme_Documentation for more information.
RECOMMENDED: Screenshot size should be 600x450, to account for HiDPI displays. Any 4:3 image size is acceptable, but 600x450 is preferred.
RECOMMENDED: Possible variable $this found in translation function in lib/influence/views/admin.php. Translation function calls must NOT contain PHP variables.
```

Theme-Check Example

The image shows a browser window displaying the WordPress.org website. The address bar shows the URL `wordpress.org/extend/plugins/theme-mentor/`. The page header includes the WordPress logo and the text "WORDPRESS.ORG". A navigation menu contains links for Showcase, Themes, Plugins, Mobile, Support, Get Involved, About, Blog, Hosting, and a prominent orange "Download" button. Below the header is a "Plugin Directory" section with a login form for Username and Password, and a "Log in (forgot?) or Register" button. The main content area features a sidebar on the left with links for "Extend Home", "Plugins", "Developer Center", "Themes", "Mobile", "Ideas", and "Kvetch!". The main content area is titled "Theme Mentor" and contains a description: "Theme Mentor is a cousin of the Theme-Check plugin getting deeper into the code analysis." A large orange button labeled "Download Version 0.1" is positioned to the right of the description. Below the description is a navigation menu with tabs for "Description", "Installation", "FAQ", "Screenshots", "Changelog", "Stats", "Support", "Reviews", and "Developers". The "Description" tab is active. The main content area also includes a paragraph: "Theme Mentor is a cousin of the Theme-Check plugin getting deeper into the code analysis. It's using different approaches to monitor for common problems regarding theme reviews from the WordPress Theme Reviewers Team. It is prone to fault analysis, so use only as a reference for improving your code base even further." To the right of this paragraph are technical specifications: "Requires: 3.3.1 or higher", "Compatible up to: 3.5.1", "Last Updated: 2013-2-16", and "Downloads: 212". Below these specifications is a "Ratings" section showing five empty stars and the text "0 out of 5 stars". At the bottom of the main content area, there is a section for "Currently supported validations:" with a bullet point: "• Mark all tags in template files".

Theme Mentor

WordPress > RTL Tester

wordpress.org/extend/plugins/rtl-tester/

Accounts Downloads Domainr Google Instapaper Instapaper+ Modem Pocket TinyPic Twitter Viewer WhatFont YMCA Other Bookmarks

WordPress.ORG

Showcase Themes **Plugins** Mobile Support Get Involved About Blog Hosting **Download**

Plugin Directory

Username Password **Log in** (forgot?) or Register

Extend Home

Plugins

- Developer Center

Themes

Mobile

Ideas

Kvetch!


Search Plugins

Search

Popular

Tags [More >](#)

widget (3,406)



RTL Tester

Test your themes and plugins in RTL mode.

Download Version 1.0.2

[Description](#) [Installation](#) [Changelog](#) [Stats](#) [Support](#) [Reviews](#) [Developers](#)

RTL Tester

The image is a screenshot of a web browser displaying the WordPress.org website. The browser's address bar shows the URL `wordpress.org/extend/plugins/slimjetpack/`. The page header includes the WordPress logo and the text "WORDPRESS.ORG". A navigation menu contains links for "Showcase", "Themes", "Plugins", "Mobile", "Support", "Get Involved", "About", "Blog", "Hosting", and a "Download" button. Below the header is a "Plugin Directory" section with a search bar and a "Log in" button. The main content area features a sidebar on the left with links for "Extend Home", "Plugins", "Themes", "Mobile", "Ideas", and "Kvetch!". The main content area is titled "Slim Jetpack" and contains a description: "Slim version of Jetpack unlinked from WordPress.com :) Supercharge your self-hosted wp site even you're NOT WP.COM users." A prominent orange button labeled "Download Version 2.1.1" is visible. Below the description are tabs for "Description", "Installation", "FAQ", "Screenshots", "Other Notes", "Stats", "Support", "Reviews", and "Developers". The "Description" tab is active, showing text about the plugin's requirements and compatibility. A "Requires" section lists: "Requires: 3.3 or higher", "Compatible up to: 3.5.1", "Last Updated: 2013-1-18", and "Downloads: 4,183". A "Ratings" section is also present.

WordPress.org

Plugin Directory

Slim Jetpack

Slim version of Jetpack unlinked from WordPress.com :) Supercharge your self-hosted wp site even you're NOT WP.COM users.

[Download Version 2.1.1](#)

[Description](#) [Installation](#) [FAQ](#) [Screenshots](#) [Other Notes](#) [Stats](#) [Support](#) [Reviews](#) [Developers](#)

[Jetpack](#) is an awesome plugin bundle provided by the Automattic but it requires WordPress.com account even for those modules previously work as independent plugins. The marketing banners are very obtrusive too.

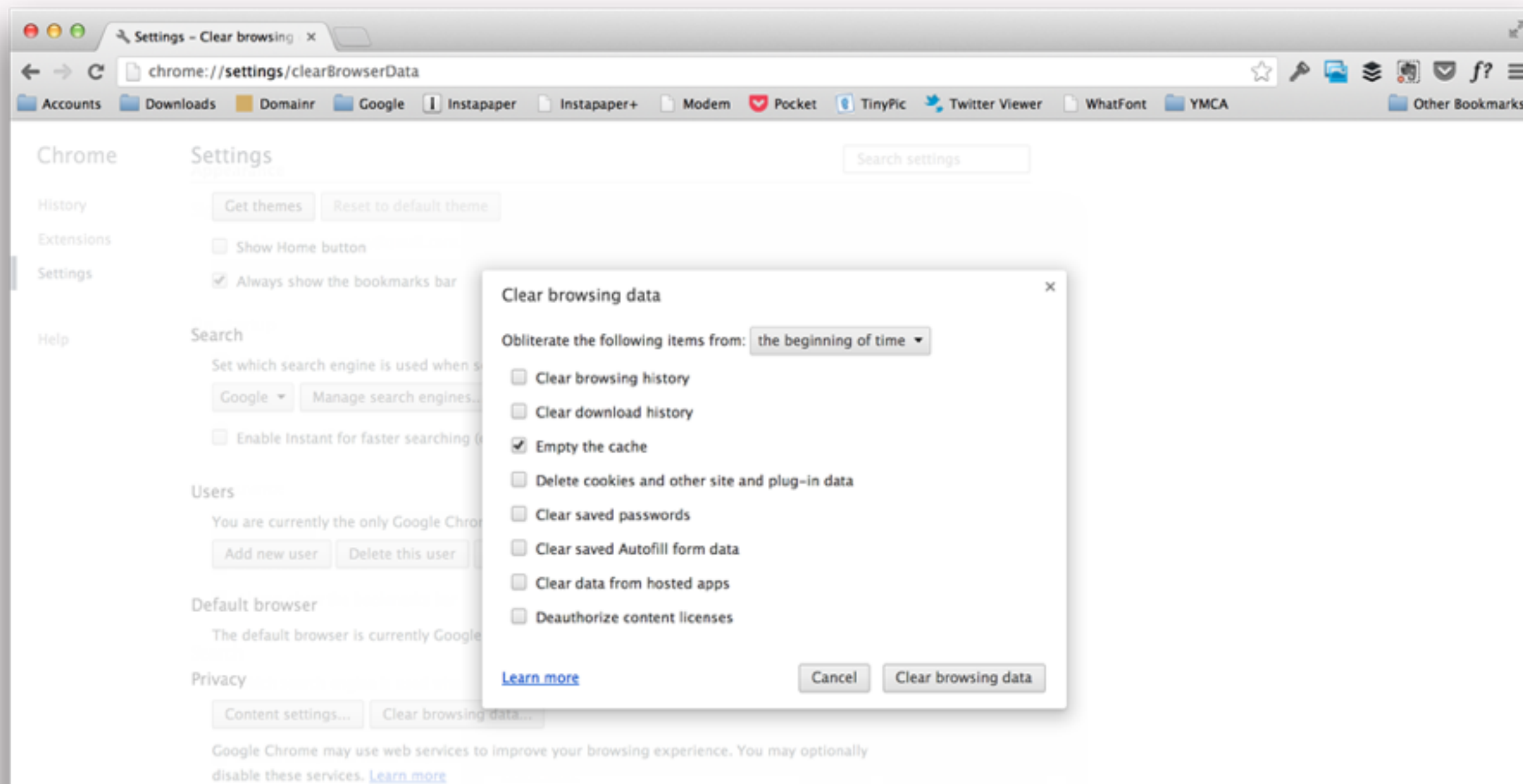
I smashed the bundle to remove the annoying parts and keep the awesomeness. Slim Jetpack will track the updates of Jetpack modules, but is definitely INCOMPATIBLE with its original version because a lot of API functions had been mocked or removed.

Requires: 3.3 or higher
Compatible up to: 3.5.1
Last Updated: 2013-1-18
Downloads: 4,183

Ratings

Slim Jetpack

Troubleshooting



Browser Cache



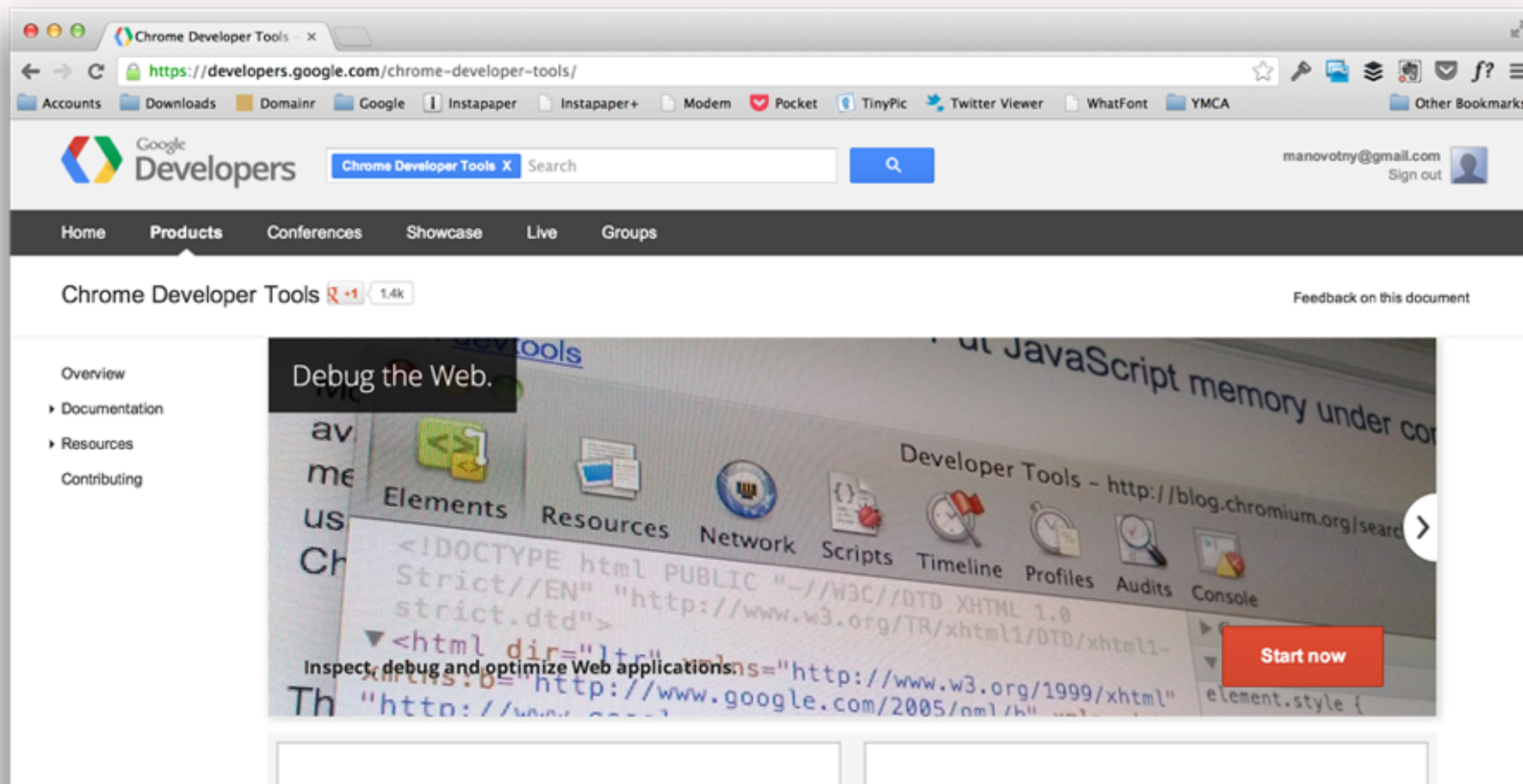
vs.



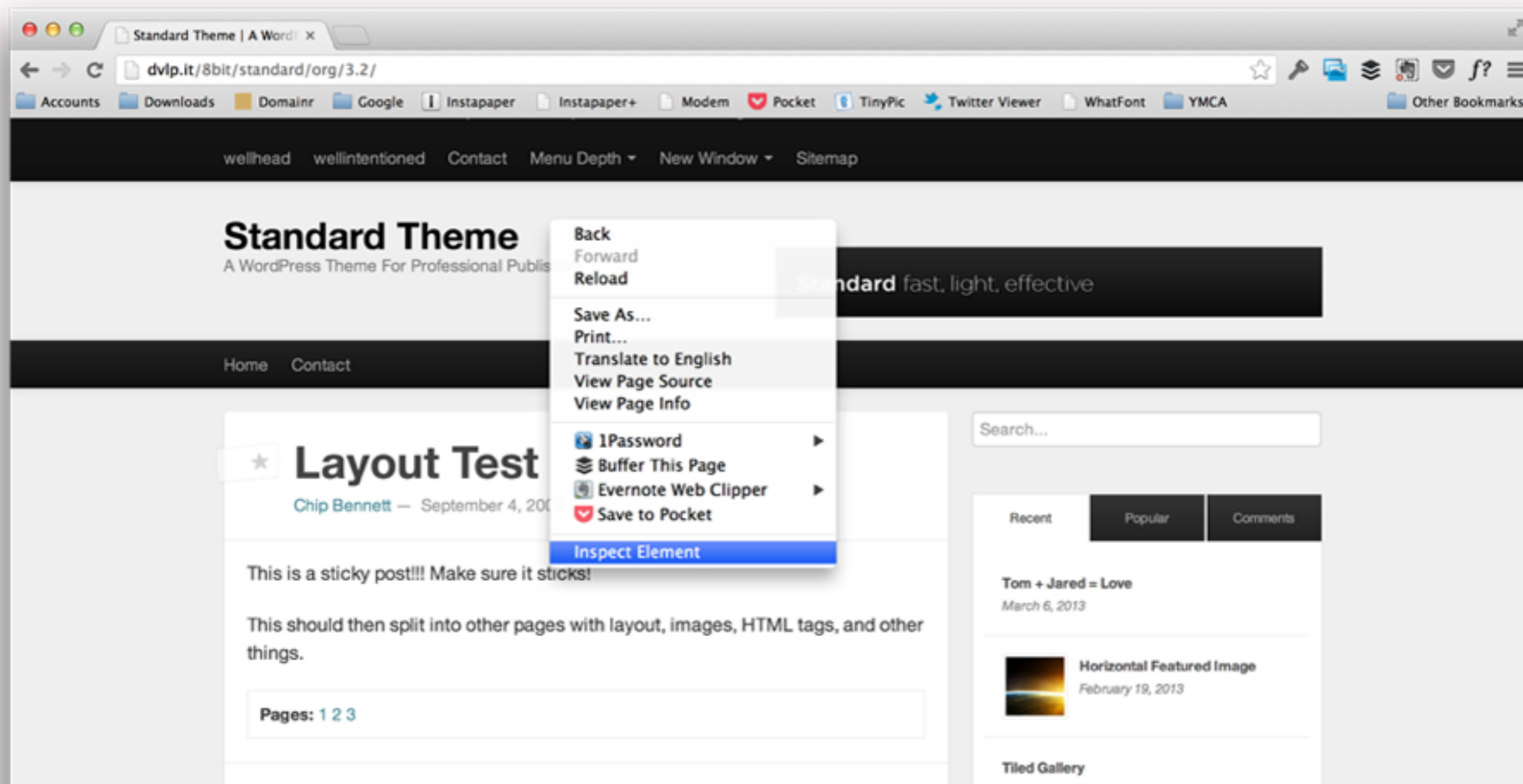
vs.



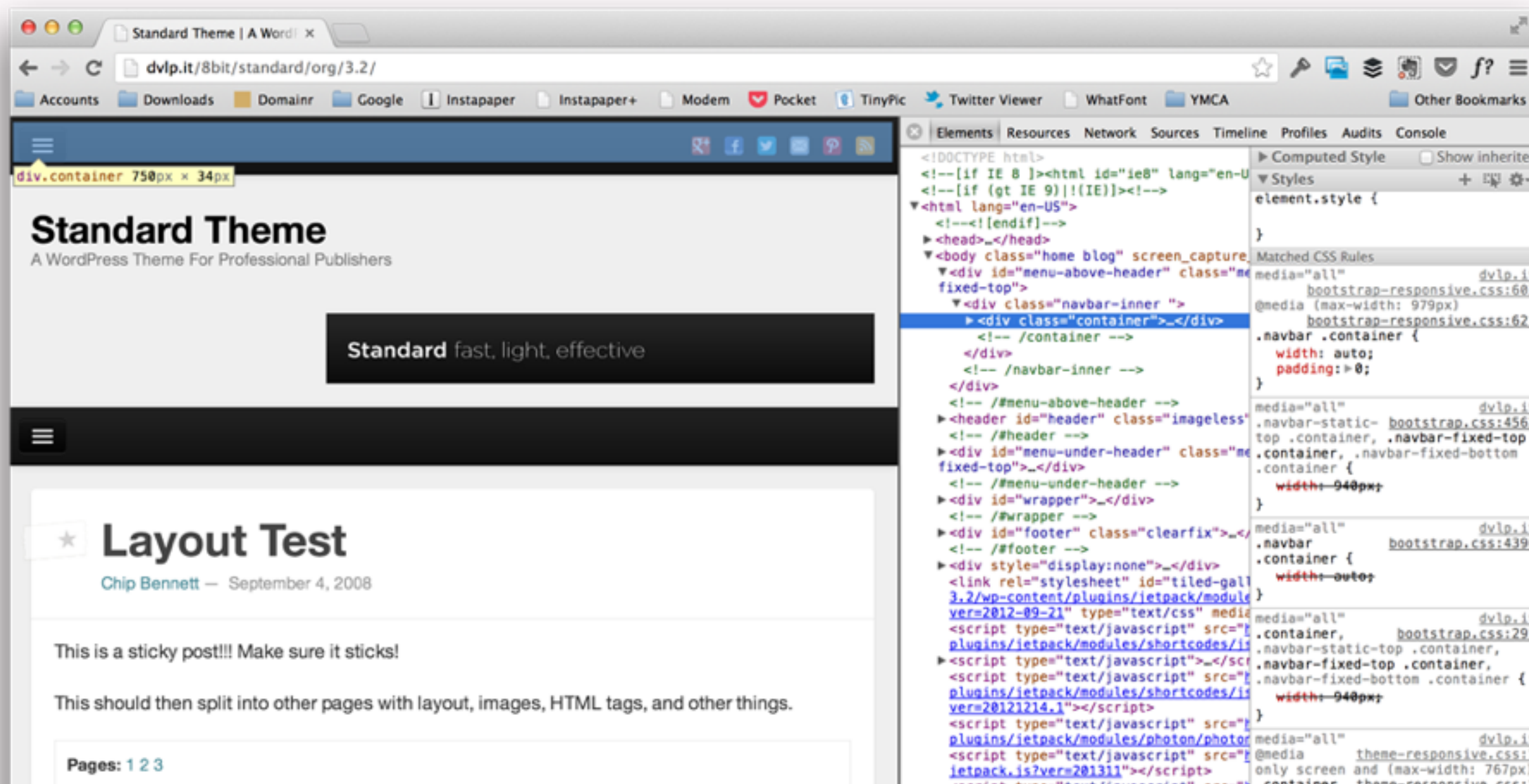
Plugin vs. Theme vs. Core



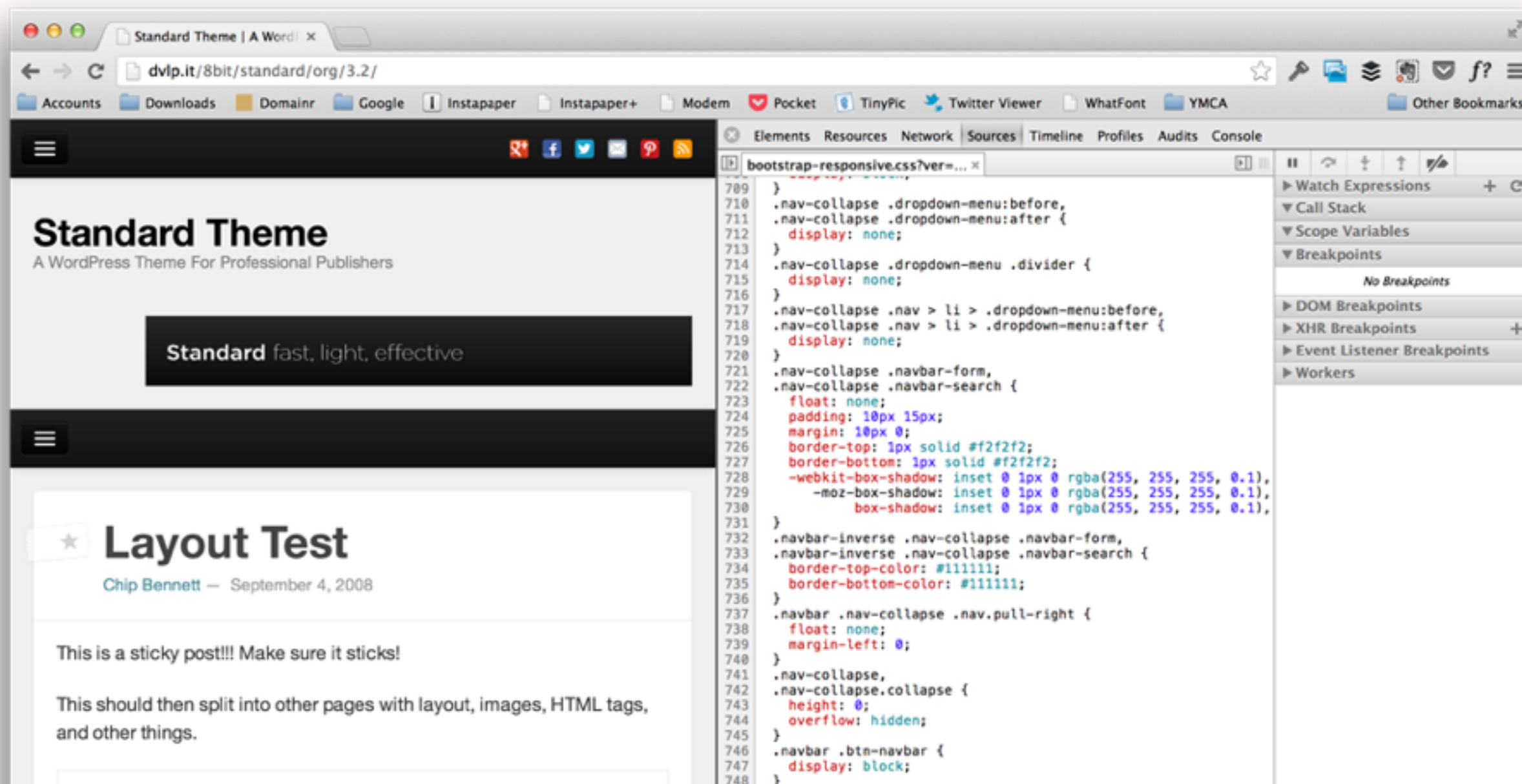
Chrome Developer Tools



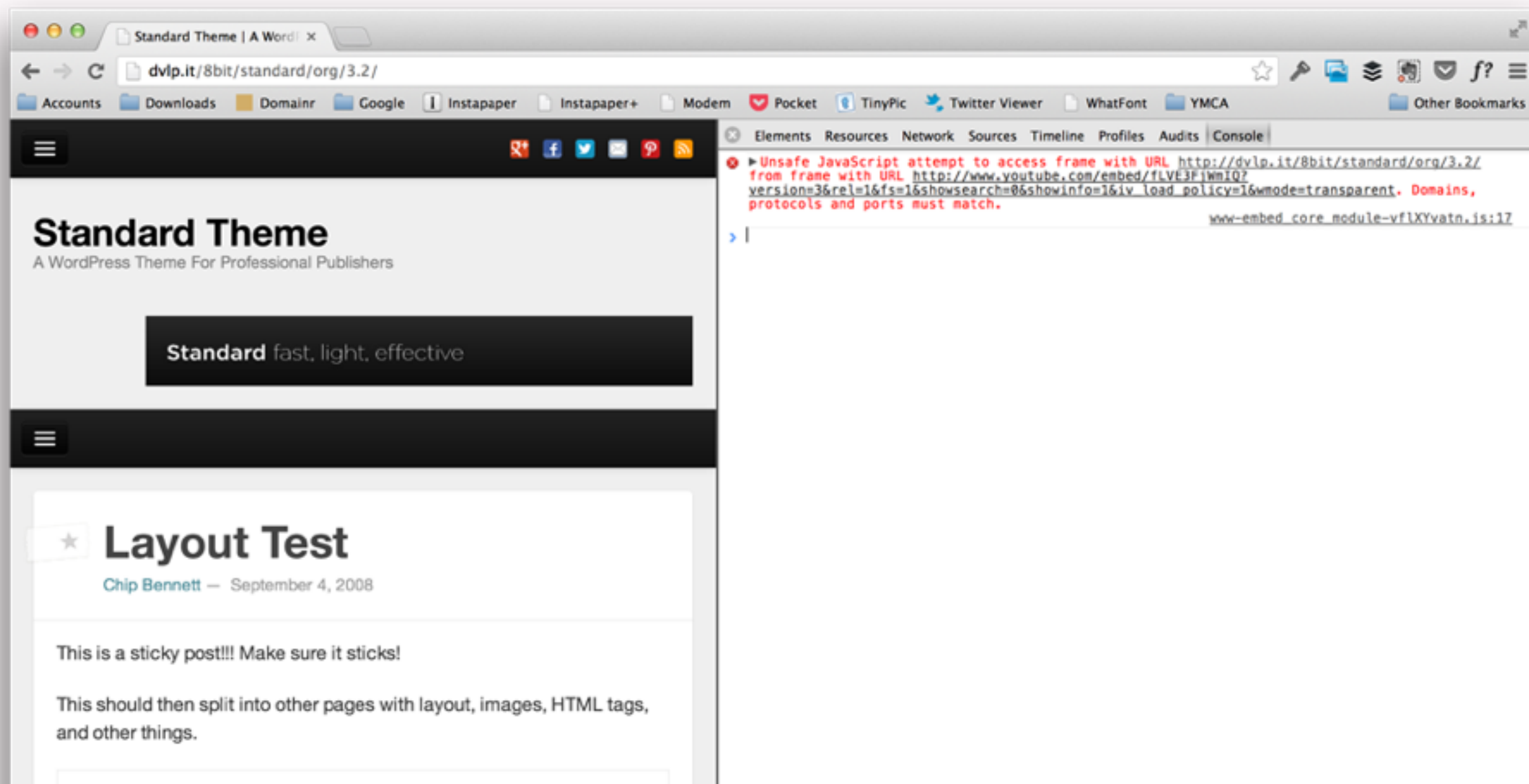
Launch Chrome Developer Tools



Chrome Developer Tools - Elements



Chrome Developer Tools - Sources



Chrome Developer Tools - Console

Cross Browser & Device Testing

lab.maltewassermann.com/viewport-resizer/

Accounts Downloads Domainr Google Instapaper Instapaper+ Modem Pocket TinyPic Twitter Viewer WhatFont YMCA Other Bookmarks

For the latest updates, follow me on Twitter: @MalteWassermann

VIEWPORT RESIZER

RESPONSIVE DESIGN BOOKMARKLET

CLICK OR BOOKMARK

Donate Tweet 2,129 +1 524 Like 1.9k Send

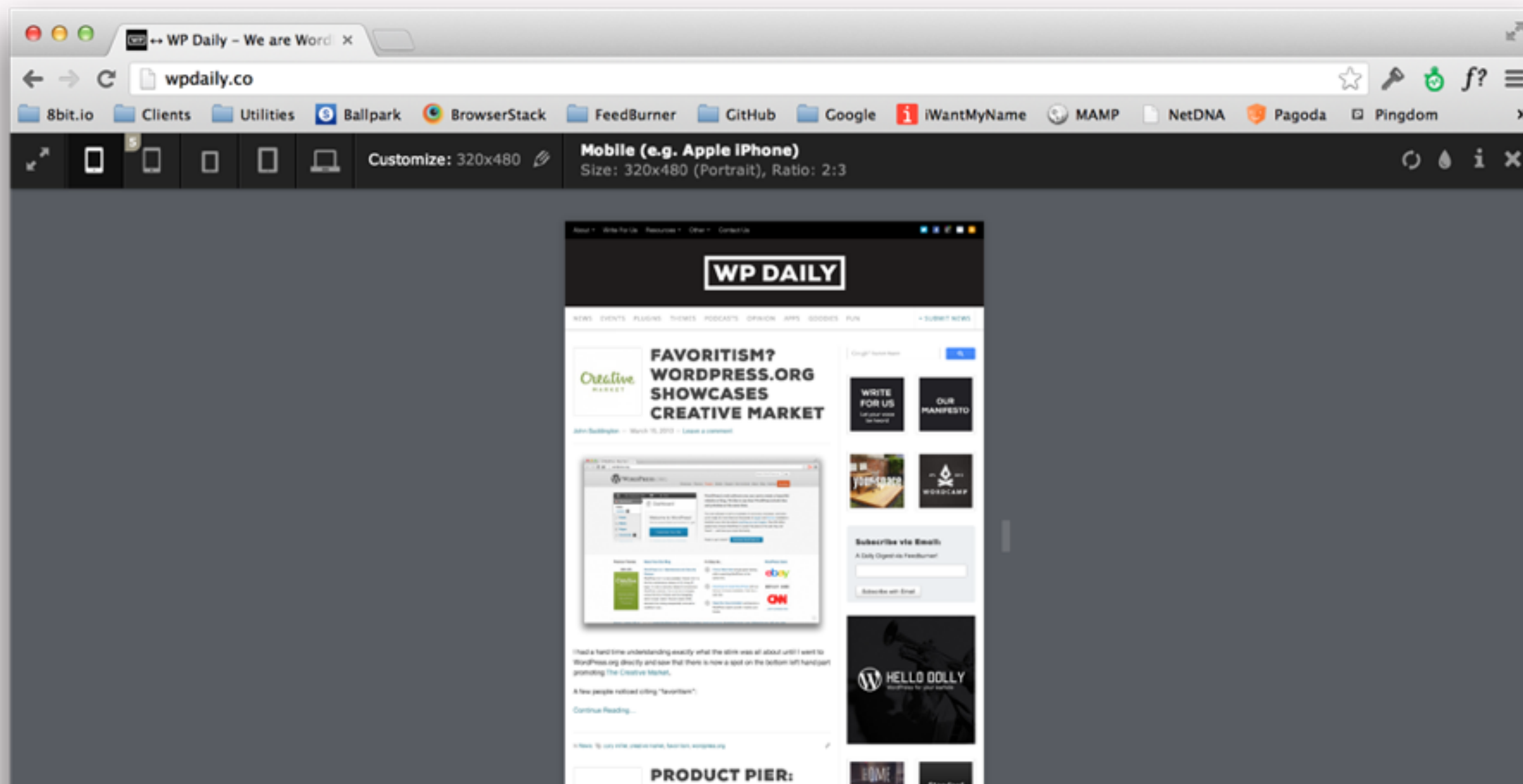
Resizer

RESPONSIVE DESIGN TESTING TOOL – IT ONLY TAKES 2 SECONDS!

More than 32k active users access Viewport Resizer in 158 countries!

This bookmarklet should not replace a real device simulation. It rather helps you, your team and client testing statuses, transitions

Viewport Resizer



Viewport Resizer Example

www.browserstack.com

BrowserStack

Support Pricing Resources

Free Trial Sign in

Live, Web-Based Browser Testing

Instant access to all desktop and mobile browsers.
Say goodbye to your setup of virtual machines and devices.

Test In Real Browsers

Platform Browser Local Testing

Free Trial

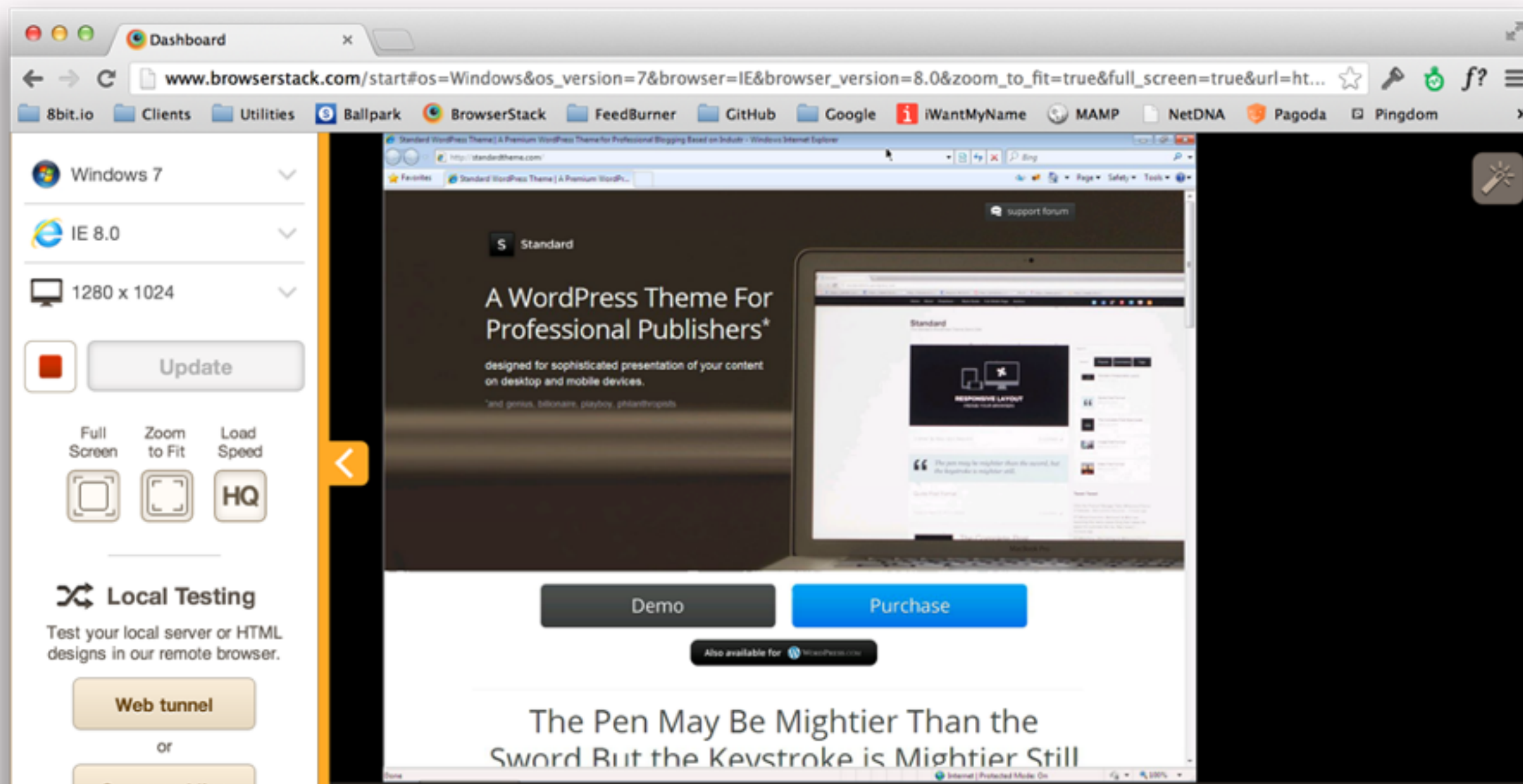
No credit card required. We promise.

Full Name

Email

Password

BrowserStack



BrowserStack Example

Questions?

@manovotny // manovotny.com // wptest.io