

Web Standards: The Right Tool for the Right Job

Kazuhito Kidachi

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Web Standards Project (WaSP) Liaison in Japan

SOFTEXPO & DCF 2006, Seoul, Korea

About Me

Webサイト構築・運用を通して
価値・機会・信頼を最大化致します

Information Integrator

インフォメーション・インテグレータ

Web Integration
Web Marketing
Web Standard
Web2.0
Blog
CMS

Service Fishbone

インテグレーション プランニング 制作/開発
コンサルティング 設計 運用/サポート

Web Solution

- Topics Backnumber
- 2006.11.21 サービス「Visualrotation」ページを追加
 - 2006.11.17 実績紹介「2006年10月主な実績紹介/構築実績」を追加
 - 2006.11.17 コラム「RIA、体験から共感へ」/橋本
 - 2006.11.17 メソッド「シックスシグマ用語集」新規用語を追加
 - 2006.11.17 英語ページを更新
 - 2006.11.07 コラム「再び注目を集めるHTML」/木達
 - 2006.11.07 採用情報「RIA(Rich Internet Application)エンジニア」募集中!
 - 2006.11.02 「月刊アイティセレクト2006年12月号」弊社スタッフへの取材記事掲載
 - 2006.11.02 MdNムック「プロとして恥ずかしくないFlashの大原則」へ寄稿
 - 2006.10.27 採用情報「Webの校正・校閲スタッフ」募集中!
 - 2006.10.31 採用情報「Webの校正・校閲スタッフ」募集中!
 - 2006.11.05 採用情報「Webの校正・校閲スタッフ」募集中!
 - 2006.11.05 採用情報「Webの校正・校閲スタッフ」募集中!



Column

RIA、体験から共感へ

10月23日から1週間ほど、米国はラスベガスで開催されたAdobe MAX2006に参加いたしました。...

[コラム一覧](#) [全文](#)

Seminar

Webマスター常駐支援サービス
活用セミナー
2006年12月8日 受付中

最新のセミナー情報をお届けします。

[セミナー詳細](#)

Support

Web標準Blog

Web標準を利用するための手法やノウハウをご紹介します。

今、諸君のサービス
...
...
...

スタイルシート スキルアップ・デザインブック

レッスン形式でマスターするCSSデザイン実践テクニック

Eric A. Meyer 著
高田典男 訳
株式会社エヌ・ピー・デザイン 監訳

WD
デザイン



スタイルシート スキルアップ・デザインブック

CSSマスターになるための「プロ技」集中講座

Eric A. Meyer 著
高田典男 訳
株式会社エヌ・ピー・デザイン 監訳

WD
デザイン



JEFFREY ZELDIN
高田典男 訳

WD
デザイン

DESIGN

WEB STANDARD

XHTML+CSSを中心とした「Web標準」によるデザイン

- より使いやすく、よりアクセスの速いWebをデザインするには？
- ウェブコンテンツの設計に際して、より高いアクセシビリティを実現するには？
- より高いユーザーエクスペリエンスを提供するには？
- メンテナンス/リデザインしやすいWebを構築するには？
- Webを検索エンジンに最適化するには？
- ウェブページのファイル管理を簡便化し、表示を早くするには？

すべての解決策は、「ウェブ標準」にあります。
XHTMLやCSS、DOMの協働による次世代ウェブデザインの指針と手法をまとめたウェブデザイナー、ウェブ開発者、および企業や自治体のウェブ担当者必読のバイブル

高田典男 監訳

Web標準デザインテクニック 即戦ワークブック

XHTML+CSSを正しく書くための15問
Dan Cederholm 著 高田典男 訳 株式会社エヌ・ピー・デザイン 監訳

WD
デザイン



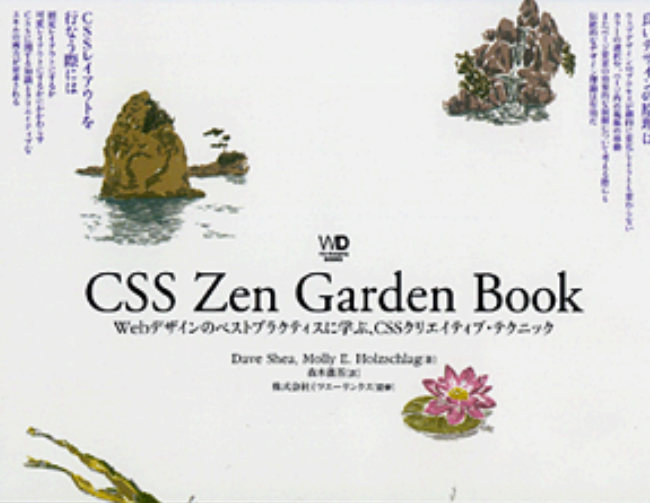
へえ、こうやって書けばいいんだ！

↓こんなあなたが、問題を解くと、こうなります↑

Web標準でWebとお金の関係をしたいけど、使い方がイマイチわからない。
そろそろ標準のXHTMLとCSSを覚えたいけれど、なにが正しいテキストは？
どうせ勉強するのなら、初めから正しい書き方・考え方を覚えたい！
徹底でコーディングしていけば、ずっとこのままでもいいのかな？

高田典男 監訳

the Zen of CSS design: Visual Enlightenment for the Web



CSS Zen Garden Book

Webデザインのベストプラクティスに学ぶ、CSSクリエイティブ・テクニック

Dave Shea, Molly E. Holzschlag 著
高田典男 訳
株式会社エヌ・ピー・デザイン 監訳

世界中のデザイナーが知恵をしぼって
投稿したデザインから、
CSSレイアウトのプロセスとテクニックをマスターせよ！

Web標準デザインの巨匠大先輩「CSS Zen Garden」で約360デザインについて、
Webデザインの解説、コンセプトワークからイメージの用意、CSSの実装テクニックまで解説。

CSSの「世界水準」がわかる1冊！

高田典男 監訳



The Web Standards Project is a grassroots coalition fighting for standards which ensure simple, affordable access to web technologies for all.

Search WaSP

Go!

About Learn Action Buzz Press

Recent Buzz

[Have Your Say about the Future of HTML](#)

By [Molly E. Holzschlag](#) | November 7th, 2006

This article has been written on behalf of the Web Hypertext Application Technology Working Group ([WHATWG](#)) and has been cross posted on [The Web Standards Project](#), [Lachy's Log](#), [Molly.com](#) and [456 Berea Street](#).

[456 Berea Street](#)

[Project](#), [Lachy's Log](#), [Molly.com](#) and posted on [The Web Standards Group \(WHATWG\)](#) and has been cross Application Technology Working

Task Forces' Latest

[Accessibility TF](#)

The Accessibility Task Force works with accessibility organizations, technology vendors and others to help promote Web accessibility.

[Calling all Assistive Technology vendors](#)

WaSP issues an open invitation

WaSP issues an open invitation

Technology vendors

Calling all Assistive

promote web accessibility.

[ACID2](#)

Acid2 is a test page, written to help browser vendors ensure proper support for Web and related standards in their products.

[Acid2 and Opera 9 Clarifications: Yes, Opera 9 Passes the Test](#)

[Passes the Test](#)

[Clarifications: Yes, Opera 9](#)

[Acid2 and Opera 9](#)

in their products.

What are Web Standards?

Web Standards are...

- All of the standards created/used for the World Wide Web
- Developed and recommended by international standardization bodies such as W3C, ISO, IETF etc.
- Vendor-independent
- “De jure” rather than “de facto”

Front-end Web Standards

- Structure

HTML, XML, XHTML

- Presentation

CSS1, CSS2

- Behavior

DOM, ECMAScript

History of (X)HTML and CSS

1996

- Internet Explorer 3
- CSS I

1997

- Netscape Navigator 4
- HTML 3.2
- HTML 4.0

The First Browser War (IE vs. Netscape)

1998

- Web Standards Project
(WaSP)
- CSS2

1999

- HTML 4.01

2000

- XHTML 1.0

2001

- XHTML 1.1

2002

- WIRED Redesign

HOW DID I GET CHARGED TWICE



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Stuffing the Ballot



Speaking of 24-Pound Turkeys ...

IT Someday soon, if the inexorable march of technology continues apace, we'll all be voting over the internet. What a perfectly depressing thought. Commentary by Tony Long.

[XML](#) [PODCAST](#) Nov 23, 2006 | 2:00 AM



Last-Minute Turkey Day Salvation

IT Bird still frozen? Starving guests going mental? The Geeky Gourmet serves up tips for coping with Thanksgiving nightmares. An excerpt from *Take Control of Thanksgiving*

Dinner by Joe Kissell. Nov 23, 2006 | 2:00 AM



New Rules Allow Cell-Phone Hack

IT [Wired News Blog](#) » The U.S. Copyright Office says it should be legal for you to crack lockout codes that keep you from porting your cell-phone to another carrier. And retro-gamers will be able to crack copy protection on abandoned titles -- for "archival" purposes. In Gear Factor. [XML](#) Nov 23, 2006 | 1:45 PM



Wired News Goes Into Granny Gear

IT Relax -- it's Thanksgiving. We'll be publishing on a reduced schedule through the holiday weekend.

Nov 23, 2006 | 2:00 AM

WIRED MAGAZINE



Issue 14.12

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The True Story of Bandwidth in Bandon

Watch what happens when the world opens up to this remote coastal town through the country's fastest communications network.



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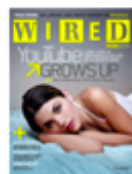
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**SMALLTOWN
OREGON
LOGS ON**
The True Story of
Bandwidth in Bandon

Watch what happens when the world opens up to this remote coastal town through the county's fastest communications network

2003

- css Zen Garden

Zen Garden

A demonstration of what can be accomplished visually through CSS-based design. Select any style sheet from the

The Road to Zen Garden
Littering a document with incompatible styles is not the way to achieve the visual clarity of the Zen Garden. Today, we must achieve that clarity through browser creation. The css Zen Garden is a collection of style sheets created by web masters. Be a

A demonstration of what can be accomplished visually through CSS-based design. Select any style sheet from the list to load it into this page.

Download the sample
html file and css
file

The Road to Enlightenment

Littering a dark and dreary road lay the past relics of browser-specific tags, incompatible DOMs, and broken CSS support.

Today, we must clear the mind of past practices. Web enlightenment has been achieved thanks to the tireless efforts of folk like the W3C, WaSP and the major browser creators.

The css Zen Garden invites you to relax and meditate on the important lessons of the masters. Begin to see with clarity. Learn to use the (yet to be) time-honored techniques in new and invigorating fashion. Become one with the web.

So What is This About?

There is clearly a need for CSS to be taken seriously by graphic artists. The Zen Garden aims to excite, inspire, and encourage participation. To begin, view some of the existing designs in the list. Clicking on any one will load the style sheet into this very page. The code remains the same, the only thing that has changed is the external .css file. Yes, really.

CSS allows complete and total control over the style of a hypertext document. The only way this can be illustrated in a way that gets people excited is by demonstrating what it can truly be, once the reins are placed in the hands of those able to create beauty from structure. To date, most examples of neat tricks and hacks have been demonstrated by structurists and coders. Designers have yet to make their mark. This needs to be placed in the hands of those able to create beauty from structure. To quote most examples of neat tricks and hacks, they can be interpreted in a way that gets people excited is by demonstrating what it can truly be, once the reins

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Dazzling Beauty by
Deny Sri
Supriyono

Dark Rose by Rose Fu

**Leggo My Ego by
Jon Tan**

LuGoZee by Viallon
Pierre-Antoine

**The Diary by
Alexander
Shabuniewicz**

**Lonely Flower by
Mitja Ribic**

Mozart by Andrew Brundle

Organica Creativa
by Eduardo Cesario

next designs »

[View All Designs](#)

16201522

CSS ZEN GARDEN

THE BEAUTY OF CSS DESIGN

A demonstration of what can be accomplished visually through CSS-based design. Select any style sheet from the list to load it into this page.

Download the sample [html file](#) and [css file](#)

SELECT A DESIGN

Dazzling Beauty by Deny Sri Supriyono

Dark Rose by Rose Fu

Leggo My Ego by Jon Tan

LuGoZee by Viallon Pierre-Antoine

The Diary by Alexander Shabuniewicz

Lonely Flower by Mitja Ribic

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SO WHAT IS THIS ABOUT?

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css zengarden

the beauty of css design

A demonstration of what can be accomplished visually through CSS-based design. Select any style sheet from the list to load it into this page.

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select a design:

Dazzling Beauty

by Deny Sri Supriyono

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The Diary

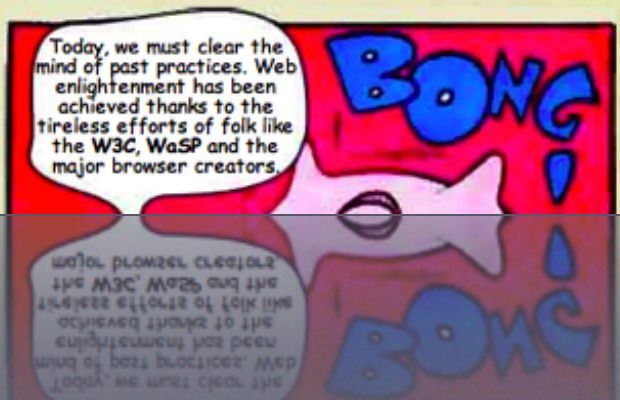
by Alexander

Shabuniewicz

Lonely Flower

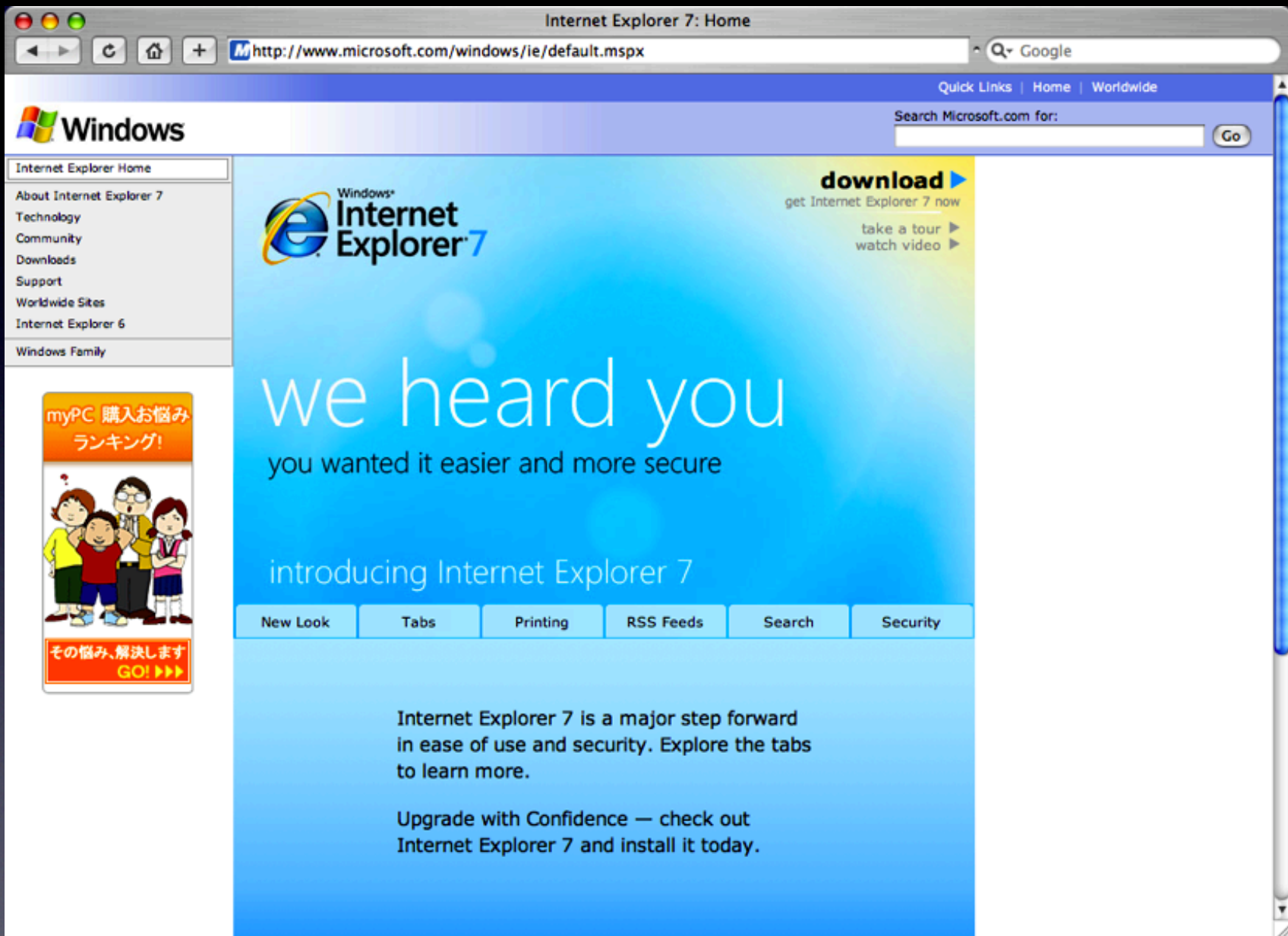
by Mitja Ribic

Mozart



2006

- XHTML2 & CSS2.1/3 by W3C
- HTML5 by WHATWG
- CSS became popular with blog customize
- The Second Browser War
- Internet Explorer 7



Firefox - Rediscover the Web

http://www.mozilla.com/en-US/firefox/ Google

mozilla Products Add-ons Support Developers About

Home » Products » Firefox

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[System Requirements](#) - [Release Notes](#) - [Other Systems & Languages](#)



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✓ Stay Secure on the Web

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✓ Personalize Your Browser

Choose from over a thousand useful add-ons that enhance Firefox. It's easy to personalize Firefox to make it your own.



January 2006
Software & DevTools
Firefox Web browser



October 2006
Editors' Choice



October 2006
Firefox 2

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easy to personalize Firefox to make it your own.
Choose from over a thousand useful add-ons that enhance Firefox. It's

Personalize Your Browser



Safari RSS

Your desktop is the new doorstep.

New Features

Overview

Developer Tools

Tech Specs

Upgrade

Scan all the latest news, information and articles from thousands of websites in one simple-to-read, searchable article list delivered right to you. The magic of Safari RSS means you stay on top of your favorite interests without feeling like you're ever missing out.

Browse on Safari

Safari puts everything you need to browse, search, view RSS feeds and manage your bookmarks in a clean, easy-to-use navigation bar:



1 Click the plus sign to add a bookmark and a naming sheet appears to let you edit the bookmark name and file it away in just the right library folder.

2 Return to the point you last typed a URL, entered a Google search or selected a bookmark with SnapBack.

3 Click the open book to view the Bookmarks Library and edit

4 Click the open book to view the Bookmarks Library and edit



Explore Mac OS X

Aqua User Interface

Compatibility

Internet and Organization

- Address Book
- Faxing
- iCal
- iChat AV
- iSync
- .Mac Sync
- Mail
- Safari RSS
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More Interesting Things Happening

microformats


[http://microformats.org/](#)

RSS

Google

microformats

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Latest microformats news 

dotMac Webmail implements hCard

As [reported by Chris Messina](#), Apple's [dotMac](#) team has added [hCard](#) support to their webmail application.

Despite [recently canceling my dotMac account](#), I think this is important news because it highlights a use case of microformats which many have not recognized.

Up until now, most usage of hCard has been people publically publishing contact information. Putting it in hCard allows people to use [X2V](#) to convert it to a vCard, which most address book applications support.

In the case of dotMac's webmail, the contact information isn't public- it's in a private view of an individual user. By marking up this data with hCard, browsers which understand hCard can recognize what they're rendering and do smart things with it. Today, the best tool for doing this is the wonderful [Tails Firefox extension](#). Tails will highlight microformats in a page and allow you to extact them to your address book or calendar.

My point in all of this? Semantic markup is valuable no matter where you use it- public or private- because it allows us to build smart tools for consuming the information.

October 31st, 2006

Ryan


2 Comments

Downtime

Yesterday morning (Pacific Time), the box that hosts microformats.org had a disk failure. Of course, this happened right as we were about to migrate it to a new host.

What are microformats?

Designed for humans first and machines second, microformats are a set of simple, open data formats built upon existing and widely adopted standards. [Learn more about microformats](#) ➔



Overview of microformats

- People and Organizations
[hCard](#)
- Calendars and Events
[hCalendar](#)
- Opinions, Ratings and Reviews
[VoteLinks](#), [hReview](#)
- Social Networks
[XFN](#)
- Licenses:
[rel-license](#)
- Tags, Keywords, Categories
[rel-tag](#)
- Lists and Outlines
[XOXO](#)
- more...
See [microformats list](#)

it to a new host.
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Downtime

See [microformats list](#)
more...
[XOXO](#)
Lists and Outlines



recent entries

contributors

Username:

Password:

Log in

[Request new password](#)

categories

[calendar \(1\)](#)

5 days 7 hours ago

[GRDDL \(17\)](#)

5 days 7 hours ago

[microformats \(13\)](#)

5 days 7 hours ago

[RDF \(45\)](#)

5 days 7 hours ago

[XHTML \(8\)](#)

5 days 7 hours ago

[collaboration \(22\)](#)

1 week 3 days ago

[Presentation \(7\)](#)

1 week 3 days ago

[MIT/CSAIL life \(6\)](#)

5 weeks 1 day ago

[URI \(10\)](#)

9 weeks 2 days ago

[authorization \(11\)](#)

9 weeks 2 days ago

[Public Policy and the Web \(4\)](#)

9 weeks 3 days ago

[Conference \(7\)](#)

14 weeks 4 days ago

[SPARQL \(10\)](#)

14 weeks 4 days ago

[calendar \(1\)](#)

14 weeks 4 days ago

[Conference \(3\)](#)

3 weeks 3 days ago

[MIT \(4\)](#)

3 weeks 3 days ago

You are here: [Home](#) » [blogs](#) » [timbl's blog](#) » Reinventing HTML

Reinventing HTML

Submitted by [timbl](#) on Fri, 2006-10-27 16:14. ::

Making standards is hard work. Its hard because it involves listening to other people and figuring out what they mean, which means figuring out where they are coming from, how they are using words, and so on.

There is the age-old tradeoff for any group as to whether to zoom along happily, in relative isolation, putting off the day when they ask for reviews, or whether to get lots of people involved early on, so a wider community gets on board earlier, with all the time that costs. That's a trade-off which won't go away.

The solutions tend to be different for each case, each working group. Some have lots of reviewers and some few, some have lots of time, some urgent deadlines.

A particular case is HTML. HTML has the potential interest of *millions* of people: anyone who has designed a web page may have useful views on new HTML features. It is the earliest spec of W3C, a battleground of the browser wars, and now the most widespread spec.

The perceived accountability of the HTML group has been an issue. Sometimes this was a departure from the W3C process, sometimes a sticking to it in principle, but not actually providing assurances to commenters. An issue was the formation of the breakaway WHAT WG, which attracted reviewers though it did not have a process or specific accountability measures itself.

There has been discussion in blogs where Daniel Glazman, Björn Hörmann, Molly Holzschlag, Eric Meyer, and Jeffrey Zeldman and others have shared concerns about W3C works particularly in the HTML area. The validator and other subjects cropped up Holzschlag, Eric Meyer, and Jeffrey Zeldman and others have shared concerns about There has been discussion in blogs where Daniel Glazman, Björn Hörmann, Molly specific accountability measures itself.

breakaway WHAT WG, which attracted reviewers though it did not have a process

Web Hypertext Application Technology

WORKING GROUP

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[Charter](#)

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Looking for feedback on HTML5

Wednesday, 8th November 2006

[The Web Standards Project](#), [Lachy's Log](#), [Molly.com](#) and [456 Berea Street](#) are collecting feedback on the [HTML5](#) proposal.

If you want to send feedback, but don't want to [join the WHATWG mailing list](#), then please submit comments to one of the above-mentioned posts. Members of the community have committed to collecting and responding to all the feedback.



What's happening at the WHATWG

Our current main focus is on the [Web Applications 1.0](#) specification, sometimes referred to as "[HTML5](#)" or "[XHTML5](#)".

Read [the spec](#), [send your feedback](#)! We guarantee that all feedback will be responded to before the spec is considered "done".

What is the Web Hypertext Application Technology Working Group?

It is a loose unofficial collaboration of Web browser manufacturers and interested parties who wish to develop new technologies designed to allow authors to write and deploy Applications over the World Wide Web.

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What is the Web Hypertext Application Technology Working Group?

Expected Benefits of (X)HTML+CSS

- Better Accessibility
- Better Machine Readability
- Lower Bandwidth
- Ease of Maintenance
- Forward/Backward Compatibility

Importance of Accessibility

- Not only for the people with disabilities (Text-only version is NOT enough.)
- Not only for humans, but also for machines
- Browsing device/circumstance diversity
- Some countries have their own official accessibility guidelines

Drawbacks of Web Standards

- Different Implementations in Different Browsers
- High Learning Curve

But wait, things have changed!

- Many browser are getting much better version by version
- Authoring tools as well
- Good online/offline resources about web standards
- Browsers' developers communicate with others via blogs

IEBlog

Friday, November 17, 2006 4:02 PM

Flash Player 9 Update

Congratulations Adobe Flash team on shipping the [Flash Player 9 update](#) on Tuesday!

This Flash update serves as a model implementation for how browser extensions can work with Protected Mode to keep users safe.

As most of you already know, on Windows Vista, IE7 includes a special feature called [Protected Mode](#) where the IE process runs with low privileges. This helps IE significantly reduce the ability of an attack to write, alter or destroy data on the user's machine or to install malicious code. These defenses also limit legitimate actions like saving browser settings, which is why Protected Mode includes broker processes to handle IE's elevated actions. Similarly, yesterday's Flash update includes a broker process to handle Flash's specific elevated actions.

Broker processes are the best way to safely handle elevated actions because they're built to help contain an attack in the low privilege process. When developing a broker process for your extension, you should always assume that your extension is running in a compromised process. This means you should design your broker as if calls coming from your extension may be hijacked. You can safely handle hijacked calls by validating all input and by asking the user to make a trust decision in UI appropriate scenarios. For example, the IEUser.exe broker launches the Internet Options dialog when it gets a known call from Protected Mode. This prevents the Protected Mode process from silently changing the user's browser settings such as the homepage or security slider.

Although most extensions are fully functional when running in Protected Mode's low privilege process, some of these extensions work because Protected Mode's compatibility layer redirects file and registry writes to a virtual store. We created the compatibility layer to get previously released extensions working. If you haven't already done so, now is a good time to update your extensions to work with [Protected Mode](#).

Many thanks to the Adobe team for their close partnership and hard work in getting a Windows Vista-ready Flash Player 9 out.

Marc Silbey
Program Manager

Posted by [ieblog](#) | 23 Comments
Filed under: [General IE Information](#)

Thursday, November 16, 2006 2:36 PM

IE+JavaScript Performance Recommendations Part 2: JavaScript Code Inefficiencies

Hello again, this is Peter Gurevich, Performance PM for IE. We have gotten a lot of good feedback from our first post

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IE+JavaScript Performance Recommendations Part 3: JavaScript Code Inefficiencies

Thursday, November 16, 2006 2:36 PM

OPERA DESKTOP TEAM

 [Windows build 8653](#)  [Mac build 3561](#)  [UNIX build 494](#)  [Feed](#)



One more step towards 9.10

BY [CSANT](#). FRIDAY, 17. NOVEMBER 2006, 14:47:14 [DESKTOP](#), [OPERA](#), [WEEKLY](#)

165
Comments

It's that time of the week again... and we have a new weekly snapshot build – fresh from the build servers this time as well.

Changelog:

- Several improvements to Fraud Protection.
- New Fraud Protection icons.
- Fixed bug where videos on Google Video would not play or buffer.
- Fixed a crasher related to master password.

[Windows MSI](#)

[Windows Classic](#)

[Macintosh](#)

[Unix](#)



Straight from the build machine..

BY [BORG](#). FRIDAY, 10. NOVEMBER 2006, 16:27:04 [WEEKLY](#)

206
Comments

Another weekly for you, smoking hot from the build servers, even our testers haven't played much with these before you, so be nice to them!



Surfin' Safari

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Compatibility Hit List
Reporting Bugs
Bug Report Guidelines
Bug Prioritization
Test Case Reduction
Bug Life Cycle

Rob Buis is a WebKit Reviewer

Posted by maclej on Saturday, November 18th, 2006 at 3:17 pm

Rob Buis is now a qualified WebKit reviewer. Rob was one of the main driving forces behind ksvg2 and kcanvas, along with Nikolas Zimmerman. The code from these libraries has been integrated into WebKit to provide fully integrated HTML/SVG support. Since then, Rob has submitted many WebKit patches for SVG and in many other areas, including DOM, CSS, graphics support and general refactoring.

Please join me in congratulating Rob.

7 Comments...

Google Web Toolkit 1.2 Uses WebKit

Posted by aroben on Saturday, November 18th, 2006 at 1:59 am

Google has just released version 1.2 of the Google Web Toolkit (GWT) with full Mac OS X support provided by WebKit. GWT allows web developers to create shiny AJAX web applications entirely in Java, which GWT compiles to JavaScript. While Mac users were able to use the GWT compiler in previous versions, they couldn't use GWT's hosted browser to debug their web apps. WebKit has made it possible for Google to bring these development tools to the Mac, and, as a surprise Mac-only bonus, web developers using GWT get to use the Web Inspector, too!

2 Comments...

Zack Rusin is a WebKit Reviewer for the Qt Port

Posted by maclej on Wednesday, November 15th, 2006 at 7:32 pm

Zack Rusin is now a qualified reviewer for Qt platform code in WebKit. Although he has not yet submitted many patches to WebKit as such, he has a long history working with KHTML and did much of the Unity porting work originally. As such, he is likely one of the best reviewers for Qt platform code. Congrats, Zack, and thank you.

and the cycle
test case reduction
and prioritization
and report guidelines
reporting bugs
reporting bugs
reporting bugs

code. Congrats, Zack, and thank you!
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Web Standards are
very vital “tool” for
all web designers/developers.

I Have A Dream.

...Someday, **every web browser** conforms to web standards, and everybody can create **accessible** and **creative** contents with **valid** and **semantic** markup and style sheets which contain **no CSS hack**.

The dream comes true with collaboration

- Web Designer/Developer
- Browser Vendor
- Authoring Tool Vendor
- End User
- Standards Body

"Leading the Web to Its Full Potential"

-W3C

Let's use the tool named
"Web Standards" and lead the
web to its full potential!

Thank You.

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