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News

W3C Invites Implementations of High Resolution Time and Resource Timing

22 May 2012 | Archive

The Web Performance Working Group invites implementation of two Candidate Recommendations:

- High Resolution Time.This specification defines a JavaScript interface that provides the current time in sub-millisecond resolution and such that it is not subject to system clock skew or adjustments.
- Resource Timing. This specification defines an interface for web applications to access the complete timing information for resources in a document.

Learn more about the Rich Web Client Activity.

MediaStream Processing API Note Published

31 May 2012 | Archive

The Audio Working Group has published a Group Note of MediaStream Processing API. A number of existing or proposed features for the Web platform deal with continuous real-time media. Many use-cases require these features to work together. This proposal makes HTML Streams the foundation for integrated Web media processing by creating a mixing and effects processing API for HTML Streams. Learn more about the Rich Web Client Activity.

Two Last Call Working Drafts published by the RDB2RDF Working Group

29 May 2012 | Archive

The RDB2RDF Working Group has published two Last Call Working Drafts today:

- A Direct Mapping of Relational Data to RDF. The need to share data with collaborators motivates custodians and users of relational databases (RDB) to expose relational data on the Web of Data. This document defines a direct mapping from relational data to RDF. This definition provides extension points for refinements within and outside of this document. Comments are welcome through 19 June.
- R2RML: RDB to RDF Mapping Language. This document describes R2RML, a language for expressing customized mappings from relational databases to RDF datasets. Such mappings provide the ability to view existing relational data in the RDF data model, expressed in a structure and target vocabulary of the mapping author's choice. R2RML mappings are themselves RDF graphs and written down in Turtle syntax. R2RML enables different types of mapping implementations. Processors could, for example, offer a virtual SPARQL endpoint over the mapped relational data, or generate RDF dumps, or offer a Linked Data interface. Comments are welcome through 19 June.

Learn more about the Semantic Web Activity.

HTML Media Capture Draft Published

29 May 2012 | Archive

The Device APIs Working Group has published a Working Draft of HTML Media Capture. The HTML Media Capture specification defines HTML form extensions that facilitate users' access to media capture capabilities of the hosting device. Learn more about the Ubiquitous Web Applications Activity.

Three documents published by the Web Applications Working Group

29 May 2012 | Archive

The Web Applications Working Group has published three documents today:

- First Public Working Draft of Gamepad. The Gamepad specification defines a low-level interface that represents gamepad devices.
- First Public Working Draft of Pointer Lock. This specification defines an API that provides scripted access to raw mouse movement data while locking the target of mouse events to a single element and removing the cursor from view. This is an essential input mode for certain classes of applications, especially first person perspective 3D applications and 3D modelling software.
- Group Note of The From-Origin Header. The From-Origin Header specification defines the From-Origin response header -- a way for resources to declare they are unavailable within an embedding context.

Learn more about the Rich Web Client Activity.

Registration Open for Mobile Web Best Practices Course in Spanish; Early Bird Rate through 10 June

29 May 2012 | Archive

W3C announces registration is open for a new online training course in Spanish on Mobile Web Best Practices: "Buenas Prácticas en Web Móvil." Developed by the W3C/MobiWebApp team, the Spanish version of "Mobile Web 1" will be taught by Gicela Morales. The 6-week course begins 18 June 2012 and costs 225 EUR. However, an early bird rate of 195 EUR is available until 10 June 2012. Read the course description and enroll now for the early bird rate. Learn more about the W3C online training for Web developers program.

More news…

Talks and Appearances

- **2012-06-04 (4 JUN)**Internationalization: An Introductionby Addison PhillipsLocalization WorldParis, France
- **2012-06-04 (4 JUN)**An Introduction to Writing Systems and Unicodeby Richard IshidaLocalization World, ParisParis, France
- **2012-06-04 (4 JUN)**Towards the Promised Land: Globalization Developments in Web StandardsLocalization World, ParisParis, France
- **2012-06-05 (5 JUN)**Semantic Web and Related Work at W3Cby Ivan HermanThe 2012 Semantic Tech & Business ConferenceSan Francisco, USA
- **2012-06-06 (6 JUN)**Mobile Web Apps and HTML5by Dominique Hazaël-MassieuxTaller sobre Web Móvil y HTML5Barcelona, Spain

Events

- 2012-06-06 (6 JUN) Workshop on Mobile Web and HTML5Barcelona, SpainCitilab CornellÃ
- 2012-06-11 (11 JUN) HTML5 bidi tests writing group - 9th meetingJerusalemIsraeli Internet Association (ISOC-IL)
- 2012-06-11 (11 JUN) – 2012-07-22 (22 JUL) Mobile Web 2: Programming Web ApplicationsOnline
- 2012-06-11 (11 JUN) – 2012-06-13 (13 JUN) Multilingual Web - Linked Open Data and MultilingualWeb-LT RequirementsDublin, IrelandHosted by Trinity College Dublin, with funding by the European Commission
- 2012-06-11 (11 JUN) WebRTC Working Group MeetingStockholm, SwedenEricsson
- 2012-06-12 (12 JUN) Symposium on Web and TV 2012Tokyo, JapanIPTV Forum Japan
- 2012-06-14 (14 JUN) – 2012-06-15 (15 JUN) All Signs Point to the Web: W3C Workshop on Web-Based SignageTokyo (Chiba), JapanHosted by NTT

The World Wide Web Consortium (W3C) is an international community that develops open standards to ensure the long-term growth of the Web. Read about the W3C mission.

Jobs

Web Accessibility Specialist

Web Accessibility Engineer

W3C Blog

- Interview: Lee Rainie on Networked Individualismby Ian Jacobs
- UK Government Consultation on Open Standardsby Phil Archer
- Interview: IBM on the Linked Data Platformby Ian Jacobs

Validators, Unicorn, and Other Software

- Unicorn validator
- HTML and markup validator
- CSS validator
- mobileOK checker
- W3C cheatsheet
- More Open Source Software

W3C Member Testimonial

Fundación ONCE

ONCE Foundation, Spain The Spanish ONCE Foundation, and its company Fundosa Teleservicios turn the philosophy of 'design-for-all' into a practical reality: W3C technologies enable our developers to combine creativity and accessibility to build Web sites that are usable by people with and without disabilities.

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W3C Updates

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