

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.

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Talks and Appearances

- 2012-06-04 (4 JUN) [Internationalization: An Introduction](#) by Addison Phillips [Localization World](#) Paris, France
- 2012-06-04 (4 JUN) [An Introduction to Writing Systems and Unicode](#) by Richard Ishida [Localization World, Paris](#) Paris, France
- 2012-06-04 (4 JUN) [Towards the Promised Land: Globalization Developments in Web Standards](#) [Localization World, Paris](#) Paris, France
- 2012-06-05 (5 JUN) [Semantic Web and Related Work at W3C](#) by Ivan Herman [The 2012 Semantic Tech & Business Conference](#) San Francisco, USA
- 2012-06-06 (6 JUN) [Mobile Web Apps and HTML5](#) by Dominique Hazaël-Massieux [Taller sobre Web Móvil y HTML5](#) Barcelona, Spain

Events

- 2012-06-06 (6 JUN) [Workshop on Mobile Web and HTML5](#) Barcelona, Spain [Citilab CornellÀ](#)
- 2012-06-11 (11 JUN) [HTML5 bidi tests writing group - 9th meeting](#) Jerusalem Israeli Internet Association (ISOC-IL)
- 2012-06-11 (11 JUN) – 2012-07-22 (22 JUL) [Mobile Web 2: Programming Web Applications](#) Online
- 2012-06-11 (11 JUN) – 2012-06-13 (13 JUN) [Multilingual Web - Linked Open Data and Multilingual Web-LT Requirements](#) Dublin, Ireland Hosted by Trinity College Dublin, with funding by the European Commission
- 2012-06-11 (11 JUN) [WebRTC Working Group Meeting](#) Stockholm, Sweden Ericsson
- 2012-06-12 (12 JUN) [Symposium on Web and TV 2012](#) Tokyo, Japan IPTV Forum Japan
- 2012-06-14 (14 JUN) – 2012-06-15 (15 JUN) [All Signs Point to the Web: W3C Workshop on Web-Based Signage](#) Tokyo (Chiba), Japan Hosted by NTT

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