

eGovernment at W3C

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**Linked Data for eGovernment
Tutorial, ISWC 2010**

Overview

- About W3C
- Semantic Web Activity
- eGovernment Activity 2008-2010
- Future of the eGovernment Activity

What is W3C?

- Founded in 1994 by Tim Berners-Lee
- 300+ Member Organizations
 - Large vendors, Small vendors, Academic
 - Members in 40 countries, Offices in 20
- 150+ Standards (“Recommendations”)
- 70 paid staff (50 FTE, 25 in standards groups)
- 30,000+ people on mailing lists
- 1500+ participants in 60+ groups

What does W3C do?

- Bring people together
 - Consensus Process
 - Interest Groups, Incubator Groups
 - Working Groups, making Recommendations such as:
 - HTML, CSS, SVG
 - Browser APIs (DOM, ..., geolocation)
 - XML, Xpath, Xquery, XSLT, ...
 - Web Services
 - Accessibility, Internationalization

Semantic Web Standards

Completed:

- RDF, OWL, OWL2, SKOS, GRDDL, SPARQL, RDFa, POWDER, RIF

In Progress:

- RDFa 1.1, SPARQL 1.1, RDB2RDF

Expected:

- RDF 1.1 (turtle, named graphs, json, ...)
- Provenance

eGovernment Activity

- eGov Interest Group

- Started June 2008

- “recognizing that governments throughout the world needed assistance and guidance in achieving the promises of electronic government through technology and the Web”

- Issues:

- Participation and Citizen Engagement
 - Open Government Data
 - Interoperability
 - Multi-channel delivery
 - Identification and Authentication
 - Long term data management

IG Publications

Improving Access to Government through Better Use of the Web

<http://www.w3.org/TR/egov-improving/>

May 2009

Publishing Open Government Data

<http://www.w3.org/TR/gov-data/>

September 2009

This Past Year

- Several task forces, but no publications
- Invited speakers/seminars on:
 - New York Open Data Legislation
 - Citability.org
 - Linked Data API
 - dcat
 - started task force, moved vocab to w3.org

Possible Future

- Interest Group as Seminar Series
 - Please nominate possible topics
- Working Group on Gov Linked Data
 - How to do Linked Data?
 - Working together on the challenges
 - Specification to assist with procurement
 - Directories of vendors, contractors
 - Cookbooks, storybooks of problems & solutions
 - Developing shared RDF vocabularies

More Information

- Me:
 - Sandro Hawke, sandro@w3.org
- This Talk
 - <http://www.w3.org/2010/Talks/1108-egov-at-w3c-sandro>
- W3C: <http://www.w3.org/Consortium>
- eGov IG: <http://www.w3.org/egov/wiki>
- Mailing List: public-egov-ig@w3.org
- Archive: <http://lists.w3.org/Archives/Public/public-egov-ig/>