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
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/