Tutorial

XML Maintenance Group

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Background

- **Res. 474 – Ad hoc group on XML**
  - Advises the committee on how XML should be handled in ISO/TC 211
  - Shall report to the 29th plenary

- **Doc. 211n2787 – Report from the Ad Hoc group on XML**
  - establish a permanent XML Validation Group to:
    - ensure that XML documents of ISO/TC 211 projects are accessible and are valid
    - Investigate means and rules for publication of XML resources (validation tools, web sites, consistency of the TC211 XML, URLs, namespaces, …)
    - Investigate further the recommendations on XML proposed by the Ad hoc group

- **Res. 481 – Ad hoc group on XML**
  - TC 211 thanks the ad hoc group and resolves to disband it
The XML Maintenance group:

– shall ensure that the XML used in ISO/TC 211 projects is:
  • maintained and,
  • made accessible.

– draft terms of reference for presentation at the 30th plenary
Status

• Draft terms of reference have been
  – Presented during last plenary
  – Submitted for comments to the members

• UK, CA and CA have given their support without comments

• Resolution to be taken during the Canberra plenary
Terms of Reference
XMG Membership (1/2)

- **Ex officio members**
  - ISO/TC 211 Chair
  - ISO/TC 211 Working group convenors
  - Chair or Editor of XML related Project Teams
  - Maintenance group convenors (TMG, PMG, HMMG, ...)
  - Liaison Coordination group chairs (ISO/TC 211 / OGC Joint Advisory Group, ...)

- **Chair is appointed by the ISO/TC 211**
  - Nicolas Lesage (Document 211n2875)
  - A co-chair may be nominated by the XMG nominated members (simple majority vote)
Terms of reference
XMG Membership (2/2)

• Nominated members
  – Mr. Nicolas Lesage, France - nicolas.lesage@ign.fr
  – Mr. John Hockaday, Australia - john.hockaday@ga.gov.au
  – Dr. Jean Brodeur, Canada - brodeur@rncan.gc.ca
  – Mr. Claude Eisenhut, Switzerland - ce@eisenhutinformatik.ch
  – Mr. Stefan Strobel, Germany - stefan.strobel@strobel-geoinformatics.de
  – Mr. James Rapaport, Royaume-Uni - james.rapaport@seazone.com
  – Mr. Joan Masó Pau, Spain - joan.maso@uab.es

• Additional members nominated by member body
  – One rep per member body apart from chair and the ex officio members

• Invitation of technical experts to assist with technical advice on XML maintenance related matters
  – The XMG chair, in consultation with the XMG members
Terms of reference

Goal

• The XML Maintenance Group (XMG) shall ensure that the ISO/TC 211 XML is maintained and made accessible.

• ISO/TC XML represents any XML documents or fragments under the responsibility of ISO/TC 211, including the XML:
  – From published standards and specifications,
  – From draft standards and specifications submitted for ballot,
  – Resulting from the application of these (draft) standard and specifications
Terms of reference
Responsibilities

• Establish and maintain the ISO/TC 211 XML policies
  – It includes policies related to the management of namespaces or more generally XML related identifiers

• Coordinate the collection of the ISO/TC211 XML
  – Ensure the appropriate coordination with ISO/TC 211 project teams and groups
  – Monitor the use of XML within ISO/TC 211 through contributions to ISO/TC 211 standardization effort activities and comments of the draft standards
  – Inventory validation tools and make available resources to check the validity of the XML used in ISO/TC 211
  – Ensure the validation of the ISO/TC 211 XML.

• Maintain and make available the ISO/TC 211 XML
  – Establish and maintain a publicly available repository of the XML
  – Inventory of issues related to the use of the XML and coordinate the resolution of those issues
    • Possibly address directly those issues having no impact on existing implementations
  – Establish, maintain and make available guidelines, recommendations and education materiels on the use of the XML
Amendment of ISO/TC 211 Internal Web Page

- **Add an ISO/TC 211 XML Clause**
  - It is the responsibility of the leader/editor to make the XML available to the XMG for validation and further dissemination accordingly to ISO/TC 211 XML Policies.
  - The XML shall conform to the requirements expressed in ISO/TC 211 XML Policies. The purpose of this is to identify harmonization issues early so that they may be handled by the appropriate editing body (PT or EC).
  - According to XMG Terms of reference, the project leaders/editors are ex officio members of the XMG during the project period.
Programme of work

• Define the requirements for the XML repository
• Draft the ISO/TC 211 policies
• Draft guidelines, recommendations and education materials
• Investigate validation tools and testing resources
• Initiate the collection of the XML
• Ensure the coordination with ISO/TC 211 committees

Progress to be reported at next plenary
Thanks!

- Any questions?