



*Telecommunications Standards Advisory Council of Canada
An Industry/Government Initiative
Conseil consultatif canadien sur les normes de télécommunications
Une initiative industrie/gouvernement*

THE USE OF METADATA IN ELECTRONIC STANDARDS DOCUMENT EXCHANGE

GSC-5 EWG Meeting

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AGENDA

- What Is Metadata
- Common Metadata Standards
- Challenges

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What Is Metadata?

- Commonly Referred To As “Data About Data”
- “Info. & doc. which make data sets understandable and shareable for users”
 - ISO 11179
- “Machine understandable information about web resources...that is used in the identification, description, location and management of web resources”
 - W3C

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What is Metadata?

- Two Functions:
 - discover that data set exists & how it might be obtained
 - how a resource may be able to view content, quality and features of data set
- *Metadata helps to improve the probability of finding something on-line.*

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What Is Metadata?

- Registries of Common Elements Shared by Communities of Interest
- Data Elements That Have Meaning Within the Community
 - i.e.
 - libraries
 - publishers
 - standards communities

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Current Standards

- | International | US National |
|---------------|-------------|
| • ISO 11179 | • NCITS L8 |
| • MARC | • GILS (?) |
| • CIMI | • FGDC |
| • Dublin Core | |

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Standards

...BUT, THEY DO NOT SATISFY THE NEEDS FOR DOCUMENT DATA STORE CONSTRUCTION...

(e.g., ISONET MANUAL constructs)

- no editing constraints
- lack of use of permitted values
- limited inter-working

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Challenges

- To Become Actively Involved In
Developing Harmonized Metadata for
Standards Organizations
- To Participate In Other Metadata Standards
Activities To Bring Our Community Needs
To These Forums

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