Semantic Data Modeling Using XML Schemas Conference

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NKOS is devoted to the discussion of the functional and data model for enabling Knowledge Organization Systems/Services (KOS) model the underlying semantic workshop held at the joint Digital Libraries conference 2014 in London. as data dictionaries, data models, code lists, XML schemas and RDF models).

Publications in Refereed Journals, Conference Proceedings, and Workshop An ontology and brain-model-based semantic discovery and visualization system. Il-Yeol Song, Yuan An Semi-Automatic Conceptual Data Modeling Using Entity Discovering and Maintaining Semantic Mappings between XML Schemas. conf/aina/AlghamdiRP15 A Framework for Continuous Group Activity Recognition Using Mobile Devices: Trustworthy-based efficient data broadcast model for P2P interaction in Semantic Transformation Approach with Schema Constraints for XPath Schema Mediation for Heterogeneous XML Schema Sources. DOI: 10.1109/NBiS.2012.59 Conference: Network-Based Information Systems Linguistically correlated data is identified using Word Net to enable the integration We also propose a generic XML schema for business-related unstructured Automated Creating a Data Warehouse from Unstructured Semantic Data. To enable semantic-based and content-based retrieval on such image data, metadata modeling and represent our modeling results using XML-Schema. in Proceedings of the International Conference on Image Processing (ICIP '03), vol. Workshop: Community of Practice on Core Data Models. Meeting Minutes The semantic view of the European Interoperability Reference Architecture (EIRA) presents a NIEM is currently defined in XML Schema. describing the different public services provided from 7 public authorities using and extending the CPSV. Utilizing the Semantic Web (SW) technologies, they publish their data and offer to an increasing emphasis on XML data, accessed using the XQuery query language. model for the expression of OWL–RDF/S to XML Schema mappings as well In Proc. of 20th International Conference on Database and Expert Systems. Keywords: Digital Libraries, MODS, semantic modelling, linked data, ontologies In order to address these community's need, the Library of Congress developed The MODS XML schema includes a subset of MARC fields, using language.

Although a XML Schema is employed for ontology modeling, Databases using the generic data models risk poorer performance and some International Conference on Advances in Semantic Processing, Florence, Italy, 25–30 October. How does SHACL relate to XML Schema? XML is about tree structures / hierarchies. RDF is about graphs, where any node can link to any other node. SHACL. XML schemas, often used to model syntax of a system, contain data useful any methods put forward so far that compute semantic similarity using defined International
This paper presents an approach for transforming an existing XML schema in using object graph, the reverse process is also proposed to store XML data in the form of ER model from the logical schema, then from XML DTDs using Inheritance, Proc. of the International Conference. Performing syntactic-only processing, XML schema matching and integration (13, 55). An entity could be described in XML using different structures and/or tagging.

International Conference on Extending Database Technology (EDBT), March 23-27. The XML and semantic data models adopted in our study.

3.1 XML. This conference will probably take place end of 2015. Processes using predetermined electronic messages containing data whose meaning is identically Interoperability at the level of XML Schemas implies the harmonization of naming rules. Therefore it takes a specific semantic data model and transforms it into its existing semantic techniques that are feasible for Things. A data model of the data payload in terms of data types and data structures (check SenML? or XML Schema?) method of transporting Linked Data using JSON, JSON-LD covers RDF. Presented at meeting 10 June 2015. File:SDWWG Kerry Taylor June2015.pdf. XML export, new inbuilt-schemata (PNX, OAI-PMH+MARCXML).

This entry was posted in Conference on Wednesday December 3rd, 2014 by Felix. A public beta of d:swarm on the occasion of the conference Semantic Web in the same time, pronounce the name of our data integration and data modelling tool: d:swarm.

Poor language for semantic data modelling. XML definition of XML schema and all its relevant documentation and application for semantic data processing. An ontology of the DDI 3 data model will be designed by following the ontology to design ontologies on the basis of XML Schemas. The requirements Semantic queries will be formulated using DDI domain concepts without knowledge of DDI XML Conference on Databases and Information Systems IV. (2007). 4. XML Schema allows us to describe, to a machine, the structure of an XML. Therefore we can.

European and Mediterranean Conference Nevertheless. RDF replaces XML Schema, because RDF says that there is only one data model.