

Universal Meta Data Models By Marco David Jennings Michael 2004 Paperback

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Universal Meta Data Models By

The Process of Metadata Modeling in Industrial Data ...

solution and are not leading to a universal metadata model The goal of this paper is to discuss the process of metadata modeling and to help metadata architects to develop their own metadata models and schemas 1 Introduction Data warehousing (DWH) has become a very important part of large companies' application landscape The group of DWH application users is no longer restricted to the

What is the MODAF Meta-Model?

snapshots of underlying architectural data which is stored in the tool or in a repository Individually, views can only provide consistency in terms of the type of information produced; ie, it can be recognised that one view is a systems model, whilst another is a process model However, the same information may be represented in more than one view, and there may be important relationships

Cognizant—Data Modernization Method

Deep data mastering and universal metadata Governed self-service and unified security Scale with hybrid architecture Data and platform migration, reengineering Adaptive data models Multimodal database replacing heterogeneous databases Data Modernization Method - Offering Overview / 6 7 / AI Data Modernization Method - Offering Overview Delivery at scale Delivering at scale requires delivery

Automating Outlier Detection via Meta-Learning

of data to benchmark machine learning models In principle, meta-learning is a suite of techniques that carries over past experience on a set of prior tasks to do efficient learning (eg, fewer trial-and-errors, learning with less data, etc) on a new task, which has been effective in automating machine

learning (Vanschoren 2018) Different from supervised settings, unsupervised OD does not

On the Universality and Cultural Specificity of Emotion ...

A meta-analysis examined emotion recognition within and across cultures Emotions were universally recognized at better-than-chance levels Accuracy was higher when emotions were both expressed and recognized by members of the same national, ethnic, or regional group, suggesting an in-group advantage This advantage was smaller for cultural groups with greater exposure to one another, ...

Modelling the Enterprise Data Architecture

High-Level Data Models The top level is a group of high-level data models describing the business data from a conceptual viewpoint, independent of any current realisation by actual systems Each high-level data model (HLDM) comprises:

- A common (canonical) UML class model of the main data items (the business entities) and their relationships, Modelling the Enterprise Data Architecture

Patterns of Data Modeling - ODBMS.org

- Universal antipattern — avoid for all applications - Non-data-warehouse antipattern — acceptable for data warehouses, but avoid them otherwise • Patterns are good ideas that can be reused In contrast, antipatterns look at what can go wrong • The literature focuses on antipatterns for programming code, but antipatterns also apply to data models • [Brown-98] An antipattern

An Overview of Data Management - AICPA

9 Meta Data Management: Planning, implementation and control activities to enable easy access to high quality, integrated meta data 10 Data Quality Management: Planning, implementation and control activities that apply quality management techniques to measure, assess, improve and ensure the fitness of data for use While many of the above functions may appear to be technical (ie, needs to be

CEOS CWIC Project

The wrapper on top of the data source provides a universal query interface by encapsulating heterogeneous data models, query protocols, and access methods The mediator interacts with the wrapper and provides the user with an integrated access through the global information schema Wrappers offer query interfaces hiding the heterogeneous data model, access path, and interface ...

Are We There Yet? Data Saturation in Qualitative Research

concepts behind data saturation remain universal and timeless Mason has a talent for explaining the difficult in terms that most can understand Moreover, many students use Mason's work as support for their proposals and studies To be sure, the concept of data saturation is not new and it is a universal one, as well What is of concern is that Mason supported his assertions with textbooks

A Modern Data Ecosystem | Enterprise Data Management ...

refiners, to staged and derived data, their models and their composites, to reports and analytics applications Tracking data to provide a holistic view is still largely a manual activity today Organizations conduct interviews with subject matter experts and record the details in systems and spreadsheets that Introducing the Universal Metadata Repository Our Universal Metadata Repository (UMR

TEFIS D6.1.2 Specifications for Experimental Metadata ...

63 Data Models 39 TEFIS - D612 Scientific Meta-data Model, have been investigated and used as the basis for a comprehensive metadata schema associated with running experiments across heterogeneous testbeds; The domain model has been separated into three sub-domains associated with the main phases of the experiment lifecycle: i Design: covering the actual definition of the

Universal Representation Learning of Knowledge Bases by ...

relations and meta-relations, are disjoint but semantically related in these two views of the KB, and the semantic mappings from entities to concepts and from relations to meta-relations are complicated and difficult to be precisely captured by any current embedding models; (2) the known cross-view links often inadequately cover

TC 43 - Universal 3D File Format

- To standardize a Universal 3D extensible file format and infrastructure focused on the repurposing of 3D CAD data for non-engineering and non-design applications, eg training and visualization applications Notable U3D features include binary encoding, domain-specific compression, continuous level of detail, progressive data representation, animation support, and extensibility to address

The CMIP5 model and simulation documentation: a new ...

The outputs of climate models are increasingly used, not only by the climate scientists that produce them, but also the growing number of stakeholders which study climate change as well as policy-makers and the enlightened public Climate modelling data is stored in huge and complex digital repositories (Overpeck et al, 2011) Hence, archiving, locating, assessing and making sense of this

MetaLight: Value-based Meta-reinforcement Learning for ...

ods However, current reinforcement learning models rely on tremendous training data and computational resources, which may have bad consequences (eg, traffic jams or accidents) in the real world In traffic signal control, some algorithms have been proposed to empower quick learning from scratch, but little attention is paid to learning by transferring and reusing learned experience In

Graphonomy: Universal Human Parsing via Graph Transfer ...

Prior highly-tuned human parsing models tend to fit to-wards each dataset in a specific domain or with discrepant label granularity, and can hardly be adapted to other human parsing tasks without extensive re-training In this paper, we aim to learn a single universal human parsing model that can tackle all kinds of human parsing needs by unifying label annotations from different domains

Simplified Generation of Biomedical 3D Surface Model Data ...

However, the lack of a simple tool for converting biomedical data into the model data in the necessary Universal 3D (U3D) file format is a drawback for the broad acceptance of this new technology A new module for the image processing and rapid prototyping framework MeVisLab does not only provide a platform-independent possibility to create surface meshes out of biomedical/DICOM and other data

Teacher Professional Development and Student Literacy ...

universal and standard criteria (Torgerson, 2003) To locate any recent systematic reviews and meta-analysis, we searched in The Campbell Collaboration Library, The What Works Clearing House, The EPPI center, and other databases using basic key search terms “meta-analysis,

The CancerGrid Experience: Metadata-Based Model-Driven ...

2 Metadata-based data integration 21 Meta-analysis As we have seen, meta-analysis is a crucial part of present-day medical research For example, consider the drug Tamoxifen, used for the treatment of certain types of breast cancer It was approved for use from 1980, but the