

# An Ontological Framework For Representing Topological

MachineProse: an Ontological Framework for Scientific ...  
LexGrid: A Framework for Representing, Storing, and ...  
An Ontological Framework For Representing An ontological  
framework for representing and exploiting ... Ontology  
(information science) — Wikipedia An ontological framework for  
representing and exploiting ... Deployment of an Ontological  
Framework of Functional ... Food Phenotype, Sensation,  
Perception, Ontological ... An Ontological Framework for  
Retrieving Environmental ... An ontological context model for  
representing a situation ... The IGIPI Ontological Framework:  
Interfacing Gene ... Considering environmental assessment in an  
ontological ... An Ontological Framework for Representing  
Topological ... An ontological framework for representing and  
exploiting ... Chapter 10. An Ontological Framework for  
Understanding the ... An Ontological Framework for Knowledge  
Management in ... Computable visually observed phenotype  
ontological ... (PDF) An Ontological Framework for Cooperative  
Games ... An Ontological Framework for Representing Clinical ...

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MachineProse: an Ontological Framework for Scientific ...  
The IGIPI framework deals with time and the changes that occur  
over time in a biological system. It is necessary to represent  
processes that cause a change in the state of a biological system  
- both natural processes such as DNA transcription and  
experimental processes such as mixing7.

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LexGrid: A Framework for Representing, Storing, and ...  
In computer science and information science, an ontology  
encompasses a representation, formal naming and definition of  
the categories, properties and relations between the concepts,  
data and entities that substantiate one, many or all domains of  
discourse.

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An Ontological Framework For Representing

An Ontological Framework for Representing Clinical Knowledge in Decision Support Systems Fig. 1. A compacted perspective of both ontology concepts and roles formalized in GLM-CDS. •C n is the set of conditions, defined as observable states of the patient that persist over time and tend to require intervention or management,

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An ontological framework for representing and exploiting ...

We propose an ontology engineering framework for the anatomy domain, focusing on mereotopological properties of parts, locations and empty spaces (holes). We develop and formally describe a basic...

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Ontology (information science) - Wikipedia

Advanced Engineering Informatics, 2004 (To appear) - 1 - Deployment of an Ontological Framework of Functional Design Knowledge Yoshinobu Kitamura\*, Masakazu Kashiwaseb, Masayoshi Fuseb,1, and Riichiro Mizoguchia a The Institute of Scientific and Industrial Research, Osaka University, 8-1 Mihogaoka, Ibaraki, Osaka, 567-0047 Japan

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An ontological framework for representing and exploiting ...

Specifically, an ontological framework connects sounds to each other based on a measure of perceptual similarity, tags are linked based on a measure of semantic similarity, while tags and sounds are connected by optimizing link weights given user preference data.

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Deployment of an Ontological Framework of Functional ...

In this level of the ontological framework, in addition to the primitive concepts from which game theory concept components are derived, three kind of relations are defined: association, composition and generalization. An association relation represents a dependency between two classes (object cat-

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egories) where the origin node uses the end node.

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Food Phenotype, Sensation, Perception. Ontological ...  
– A generic ontological framework for system engineering knowledge modeling. The framework sets the fundamental concepts for a holistic System Engineering knowledge model involving explicit relationships between process, products, actors and domain concepts.

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An Ontological Framework for Retrieving Environmental ...  
Ontological Framework for representation of Tractable Flavor: Food Phenotype, Sensation, Perception. Tarini Naravane Biological and Agricultural Systems Engineering UC Davis Davis, California,US tnaravane@ucdavis.ed Matthew Lange Food Science and Technology UC Davis Davis, California, US mclange@ucdavis.edu Abstract.

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An ontological context model for representing a situation ...  
General Ontological Language (GOL) is a formal framework for representing and building ontologies. The purpose of GOL is to provide a system of top-level ontologies which can be used as a basis for...

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The IGIPI Ontological Framework: Interfacing Gene ...  
LexGrid: A Framework for Representing, Storing, and Querying Biomedical Terminologies from Simple to Sublime Jyotishman Pathak, Harold R. Solbrig, James D. Buntrock, Thomas M. Johnson, Christopher G. Chute

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Considering environmental assessment in an ontological ...  
This paper presents MachineProse (MP), an ontological framework for encoding knowledge that has the potential to radically transform the way in which we report, search for, and analyze the results accruing from biomedical research.

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An Ontological Framework for Representing Topological ...

The ontological framework 3.1. Ontologies in medical domains. Ontologies have been used for representing knowledge in clinical... 3.2. Ontologies in this work. An ontology is viewed in this work as a specification... 3.3. Some ontological definitions. Some ontological definitions are introduced in ...

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An ontological framework for representing and exploiting ...

The ontological framework described here is for the enhancement of civil information management, especially where it is concerned with nodal and link analysis for complex social systems.

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Chapter 10. An Ontological Framework for Understanding the ...

An ontological framework for representing and exploiting medical knowledge Torralba-Rodríguez, Francisco Jesús; Fernández-Breis, Jesualdo Tomás; García, Rafael Valencia; Ruíz-Sánchez, Juana María; Martínez-Béjar, Rodrigo; Gómez-Rubí Juan Antonio 2003-08-01 00:00:00 Patients on Intensive Care Units (ICUs) need continuous attention and monitoring. The patient may be connected to an alarm system, so that an alarm is triggered when the state of the patient changes.

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An Ontological Framework for Knowledge Management in ...

In this work, an ontological framework is developed as the technology for information and knowledge models sharing for the environmental assessment of the enterprise. The ontological model is applied to a case study considering a supply chain network design-planning and a process scheduling problem.

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Computable visually observed phenotype ontological ...

An ontological context model for representing a situation and the design of an intelligent context-aware middleware Preeti Bhargava\* Department of Computer Science University of Maryland, College Park prbharga@cs.umd.edu Shivsubramani

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Krishnamoorthy Department of Computer Science University of Maryland, College Park shiv@cs.umd.edu Ashok Agrawala

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(PDF) An Ontological Framework for Cooperative Games ...  
Therefore, an ontological framework has been developed for standardizing visual phenotypic information and making that information readily exchangeable within the plant science community.

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An Ontological Framework for Representing Clinical ...  
framework to represent such topological information using PROLOG[3][4]. In addition to a nerve system, topological information about the vascular network is also important for cause-effect reasoning (e.g., which organs will be damaged if upstream vessel-clogging occurs?). Ontologies are one of the most promising techniques for

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