

Approaches To Legal Ontologies

[#legal ontologies](#) [#legal knowledge representation](#) [#ontology engineering law](#) [#semantic web for law](#) [#AI in legal domain](#)

Discover the diverse approaches to legal ontologies, essential for structuring and formalizing legal knowledge. This exploration covers various methodologies and frameworks used to represent legal concepts and relationships, crucial for advancements in legal AI, semantic web applications in law, and robust legal information systems.

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Approaches To Legal Ontologies

The Web Ontology Language (OWL) is a family of knowledge representation languages for authoring ontologies. Ontologies are a formal way to describe taxonomies... 41 KB (4,120 words) - 00:15, 2 February 2024

Alexander Boer: The LKIF Core Ontology of Basic Legal Concepts. Proceedings of the 2nd Workshop on Legal Ontologies and Artificial Intelligence Techniques... 32 KB (3,992 words) - 01:47, 17 March 2024

political ontology is not concerned with what is the ultimate reality, instead is interested in making visible the multiplicity of ontologies. Political... 10 KB (1,289 words) - 21:17, 9 January 2024

context. In philosophy, a "theory is ontologically committed to an object only if that object occurs in all the ontologies of that theory." The sentence "Napoleon... 24 KB (2,863 words) - 21:51, 9 January 2024

Systemic View in Foundational Ontologies', emphasize the significance of incorporating a systemic view within foundational ontologies. This perspective is crucial... 20 KB (2,348 words) - 22:22, 1 February 2024

scientists adopt a number of approaches to ontology. Some of these are: Realism - the idea that facts are "out there" just waiting to be discovered; Empiricism... 7 KB (758 words) - 16:46, 30 December 2023

areas of usage for ontologies within NLP include information retrieval, information extraction and text summarization. The ontology generated for the PANGLOSS... 64 KB (7,052 words) - 15:51, 21 January 2024

its properties on its ground. According to the neo-Aristotelian approach to ontology, the goal of ontology is to determine which entities are fundamental... 6 KB (844 words) - 11:38, 8 November 2023

aspects or ontologies and their relations to their implementation in software: Data Processing Ontologies Information Type Ontologies (as opposed to PII or... 15 KB (1,644 words) - 21:54, 14 March 2024

overarching, single, fundamental ontology, but only a patchwork of overlapping interconnected ontologies ineluctably leading from one to another. For example, Wittgenstein... 16 KB (1,828 words) - 04:26, 8 March 2024

norms themselves can be modelled by logic, rules or ontologies to ease the process of retrieving legal

information and semantic browsing. Traditionally,... 19 KB (2,580 words) - 11:32, 22 January 2024
outputs of the legal order, i.e. of people defined as criminal and processed through that system. Put in the most simple terms, ontology deals with or... 24 KB (3,447 words) - 09:39, 27 October 2023
virtue ethics. There are many other normative approaches to the philosophy of law, including critical legal studies and libertarian theories of law. Philosophers... 20 KB (2,475 words) - 18:16, 27 February 2024

ideologies of globalization (or globalisms) then relate to broader imaginaries and ontologies. Cultural globalization Globalism Globalization Held, David;... 9 KB (908 words) - 07:15, 2 March 2024
Navigli, P. Velardi. From Glossaries to Ontologies: Extracting Semantic Structure from Textual Definitions, Ontology Learning and Population: Bridging the... 5 KB (520 words) - 06:41, 16 February 2024
main approaches to classification may be distinguished: (1) logical and rationalist approaches including "essentialism"; (2) empiricist approaches including... 33 KB (4,261 words) - 07:06, 28 February 2024
and/or new ontologies etc. It is based on knowledge about the enterprise, previous models and/or reference models as well as domain ontologies using model... 30 KB (3,599 words) - 14:39, 10 March 2024

"persons" is often used in philosophical and legal writing. The criteria for being a person... are designed to capture those attributes which are the subject... 17 KB (2,066 words) - 23:33, 10 January 2024
annotations to tabular data is referred to as semantic labelling. Semantic Labelling is the process of assigning annotations from ontologies to tabular data... 34 KB (3,608 words) - 14:53, 17 February 2024
Philosophical Psychology: Methods, Approaches, and New Directions for Social Sciences, Wiley Blackwell, p. 56. Martin Heidegger, Ontology: The Hermeneutics of Facticity... 62 KB (7,219 words) - 05:26, 12 March 2024

Ontology epistemology methodology and methods I ontology and epistemology in research examples - Ontology epistemology methodology and methods I ontology and epistemology in research examples by Dr Dee 120,485 views 3 years ago 2 minutes, 41 seconds - ontology, epistemology methodology and **methods**, **ontology**, and epistemology for dummies, **ontology**, and epistemology in ...

ReMeP 2020 virtual Video Excerpt: Legal Ontologies - Why are the relevant in practice? - ReMeP 2020 virtual Video Excerpt: Legal Ontologies - Why are the relevant in practice? by Research Meets Practice 52 views 2 years ago 20 minutes - by Prof. Enrico Francesconi, Univerity of Florence Find all materials on <https://www.remep.net/materials-2020/>

Ontology, epistemology and research paradigm - Ontology, epistemology and research paradigm by Lynette Pretorius: Academic Language and Literacy 427,148 views 5 years ago 3 minutes, 9 seconds - Copyright Monash University.

ONTOLOGY + EPISTEMOLOGY

WHAT IS REALITY?

HOW CAN I KNOW REALITY?

Paradigm

What are Ontology & Epistemology? - What are Ontology & Epistemology? by Knowledge Quest 125,990 views 2 years ago 3 minutes, 6 seconds - When you are trying to figure out your own **ontological**, and epistemological orientation it is vital to know what exactly these things ...

Intro

Ontology

Epistemology

David James: How to get clear about method, methodology, epistemology and ontology, once and for all - David James: How to get clear about method, methodology, epistemology and ontology, once and for all by WalesDTP 160,728 views 8 years ago 36 minutes - This talk was given at the ESRC First Year Student Conference, City Hall Cardiff on 29 January 2015.

THE TIP OF THE ICEBERG: Methods

THE DEPTHS OF THE ICEBERG Epistemology

THE DEPTHS OF THE ICEBERG: Ontology

What is the relationship among Ontology, Epistemology, Methodology and Method - What is the relationship among Ontology, Epistemology, Methodology and Method by Dr. Hu 58,286 views 3 years ago 45 minutes - This video is on research philosophy for the research **methods**, module.

University of Leeds. Part 1 Key Concepts. **Ontology**, ...

The Ontology

The Methodology

Common Ontologies

Objectivism

Subjectivism

Epistemology

Methodology

Quantitative Methodology and Qualitative Methodology

The Difference between Methodology and Method

Ontology, Epistemology and Research Philosophies - Ontology, Epistemology and Research

Philosophies by CONNECTING ASIA TV 141,113 views 3 years ago 11 minutes, 14 seconds -

Ontology,, Epistemology and Research Philosophies by Dr Muhammad Imran Qureshi. In this video, we explained three major ...

Ontology, Epistemology, Methodology and Methods in Research Simplified! - Ontology, Epistemology, Methodology and Methods in Research Simplified! by NurseKillam 598,551 views 8 years ago 12 minutes - When you are just starting to learn about research it helps to have simple definitions of

Ontology,, Epistemology, Methodology and ...

Intro

Evaluating research helps you: Advocate for patients Stay competent Make better decisions Keep clients SAFE!!

Realism and Relativism

Realism Relativism

do we get Knowledge?

What ontology do you think leads to an EMIC way to approaching research?

REMEMBER METHODOLOGY IS SYSTEMATIC

refers to Philosophies that guide data gathering

What ontology and epistemology would be linked to an experimental methodology?

What ontological and epistemological beliefs lead to a phenomenological study?

Relativist Ontology

Ontology Epistemology

What is the ontology and epistemology that lead to this approach?

ReMeP 2020 virtual Video Excerpt: Legal Ontologies, a very short Introduction - ReMeP 2020 virtual

Video Excerpt: Legal Ontologies, a very short Introduction by Research Meets Practice 53 views

3 years ago 21 minutes - by Prof. Burkhard Schafer, University of Edinburgh Find all materials on

<https://www.remep.net/materials-2020/>

What are ontologies?

All there is according to Aristotle

Gold standard Linnean taxonomy

Is this a fish?

Creative Informatics

How AI Disrupts The Law - Sandra Wachter - How AI Disrupts The Law - Sandra Wachter by Gresham College 3,832 views 5 months ago 59 minutes - Artificial Intelligence and Generative AI are changing our lives and society as a whole from how we shop to how we access news ...

Webinar on Research Philosophies, Approaches and Strategies with Prof Mark Saunders - Webinar on Research Philosophies, Approaches and Strategies with Prof Mark Saunders by WABER Conference 52,338 views 3 years ago 2 hours, 34 minutes - This Workshop was organised by WABER CONFERENCE on 29th October 2020 TOPICS COVERED - Understanding the ...

By the end of this session you should...

Team briefing of canteen workers

What Does 'Systematic Mean?

What kinds of assumptions do management

What kinds of assumptions UNIVERSITY do international business

Why Do Research Philosophies Matter?

Quick check

Learning point

What is the relationship between 'theologies' (assumptions) and research philosophy?

Business and Management research is there one best philosophy? Exercise

The European Approach to Regulating Artificial Intelligence - The European Approach to Regulating Artificial Intelligence by Center for Strategic & International Studies 12,020 views Streamed 1 year ago 43 minutes - Please join the CSIS AI Governance Project for a fireside chat with Mr. Dragos Tudorache, Member of the European Parliament ...

How Did You Come To Be Working at the European Parliament on Ai Issues

The Ai Act

Basic Mechanism of the Eu Ai Act

Predictive Policing

High Risk Applications

The Major Debates Taking Place Right Now around the Eu Ai Act

Ontology vs. NEO Confusion? ONT trust ecosystem compared to NEO smart economy! - Ontology vs. NEO Confusion? ONT trust ecosystem compared to NEO smart economy! by EllioTrades 21,261 views 6 years ago 17 minutes - On this episode of FUD TV we do deep on the differences between ONT and NEO, something that has been talked about ...

Community Trust

Three Core Assets

Digital Assets

Ontology Coin Market Cap

Application Scenarios for Ontology

AI & The Legal Profession - AI & The Legal Profession by UCLA Institute for Technology, Law & Policy 19,481 views 11 months ago 1 hour, 14 minutes - The launch of ChatGPT has triggered a vigorous debate on the future of both the **legal**, profession and **legal**, education, as well as ...

Introduction

What is a language model

How does a language model work

Can a language model be confused

What does a lawyer do

Legal research

What does AI mean for the legal profession

What can AI do

Data privacy issues

Bias in algorithms

Problems with AI

Real World Experience

Checking the work

Increasing access

How AI enables people

Will AI lower costs

Building Ontologies with Basic Formal Ontology - Building Ontologies with Basic Formal Ontology by Barry Smith 9,319 views 5 years ago 1 hour, 17 minutes - Presented at the International Conference on Biomedical **Ontology**, (ICBO), Corvallis, OR, August 7-10, 2018.

Intro

Gene Ontology: a controlled structured vocabulary for tagging sequence data

BFO = Basic Formal Ontology

second key to ontology success: modularity

third key to ontology success: hub and spokes approach

Concept orientation

Ontology traffic rule: Use two-part definitions

Specific Dependence

Role (Externally-Grounded Realizable Entity)

How roles work

Function (A Good, Designed Disposition)

Generically dependent continuants such as plans, laws ...

Information Entity (science)

Information Entity (labeling)

Webinar : Machine Learning and ontology - Webinar : Machine Learning and ontology by Ontologies In Agriculture 11,262 views 4 years ago 1 hour, 2 minutes - Can machine learning technologies be useful to create or complete **ontologies**, in agriculture? The **Ontologies**, Community of ...

Introduction to Machine Learning

Artificial Intelligence

Narrow Ai

Generalized Ai

What Are the Applications of Machine Learning

Dimensionality Reduction

Clustering Algorithm
Evolutionary Algorithms
Offshoot of Machine Learning
Characteristic of Deep Learning
Challenges
Specialization Indexes in Biotechnology
Generating the Ontology Structure
Create an Ontology
Document Annotation
Ongoing Challenges
Reinforcement Learning
Examples of Machine Learning
Ontology Mapping
How Do You Deal with Different Languages When You'Re Doing Text Mining
Final Closing Remarks
Metaphysics and Epistemology - Metaphysics and Epistemology by Oxford University Department
for Continuing Education 277,547 views 10 years ago 1 hour, 14 minutes - Metaphysics and
Epistemology: what exists, what is its nature and how can we acquire knowledge of it?
Metaphysics
Causation
Epistemology
Mental States
Mental States Exist
Qualitative States
Woodlice Behavior
Do Imaginary Kittens Exist
Cartesian Thought Experiment
Thought Experiment
The Argument from Illusion
Epistemology What Is Knowledge
What Is Knowledge
What is a Research Paradigm? | Proofed - What is a Research Paradigm? | Proofed by Proofed
43,360 views 1 year ago 4 minutes, 49 seconds - In this video I define Research Paradigm, breakdown
how to formulate one and offer some common examples to guide your ...
1. What is a Research Paradigm?
Ontology, Epistemology, Methodology
Define: Ontology
Define: Epistemology
Define: Methodology
Creating a Research Paradigm
2. Why are Research Paradigms Important?
3. Common Examples
Positivism
Constructivism
Pragmatism
Subscribe to Proofed
Ontology for Systems Engineering - Part 1: Introduction to Ontology - Ontology for Systems Engi-
neering - Part 1: Introduction to Ontology by Barry Smith 13,056 views 6 years ago 1 hour, 14 minutes
- Ontology, Timeline 1: 1970s: Strong AI, Robotics, PSL 2: 1990s: The Semantic Web, Linked Open
Data 3: 2000s: Lessons from the ...
Introduction
Ontology Proposal
Semantic Technologies Foundation
Steve Jenkins
Engineering Systems
C Bach
Coasts
Systems Engineering
Ontology

Ontology Failures

Semantic Web

Biological Ontology

Original Idea

Ontology Groups

BFO

Lesson 3 Lessons from Biology

How do you futureproof an ontology

Ontology hierarchy

Are humans building ontology

How do you know that an ontology gives value

How do errors get corrected

Accessing the Ontology

Linking Data to Ontology

Rules for writing definitions

Three questions to answer

Tagging papers

Ontology facets

Gene ontology

Image ontology

Value Set based Approach to Authoring Ontologies - Value Set based Approach to Authoring

Ontologies by Biomedical Ontology World 52 views 3 years ago 9 minutes, 10 seconds - By Victor Lee In this session, I will discuss how value sets can be used as a cornerstone for the authoring of clinical **ontologies**, ...

What is an Ontology - What is an Ontology by SpryKnowledge 240,678 views 12 years ago 4 minutes, 36 seconds - Description of an **ontology**, and its benefits. Please contact info@spryinc.com for more information.

What is an example of an ontology?

03.01 - Introduction to Legal Research: Thinking Through a Legal Problem - 03.01 - Introduction to Legal Research: Thinking Through a Legal Problem by Michigan Law 5,830 views 2 years ago 17 minutes - In the next video that you will see about **legal**, research, you'll see some different **ways**, to get started. But I might have to break it up ...

What is Ontology? (Definition) - What is Ontology? (Definition) by Carneades.org 89,579 views 8 years ago 2 minutes, 12 seconds - An explication of **Ontology**, or the study of existence and what it means to be ontologically committed to something. Also included ...

ReMeP 2020 virtual Video Excerpt: Legal Ontologies for Legal Tech - ReMeP 2020 virtual Video Excerpt: Legal Ontologies for Legal Tech by Research Meets Practice 56 views 2 years ago 19 minutes - by Prof. Monica Palmirani, University of Bologna Find all materials on <https://www.re-mep.net/materials-2020/>

International Law Theories: An Inquiry Into Different Ways of Thinking - International Law Theories: An Inquiry Into Different Ways of Thinking by Max Planck Institute Luxembourg for Procedural Law 8,923 views 7 years ago 1 hour, 34 minutes - Max Planck Lecture Series: Prof. Andrea Bianchi and Dr. Surabhi Ranganathan On February 8th, 2017, interviewed by Dr.

Ontology for Systems Engineering (Short Version) - Ontology for Systems Engineering (Short Version) by Barry Smith 14,707 views 6 years ago 39 minutes - 1. **Ontology**, background (1970s: AI; 1990s: Semantic Web; Biology,) 2. What **ontologies**, are for? 3. Top-Level and Domain ...

Test case for JPL

Introduction to Ontology

Where did ontology come from?

Where did ontology re-emerge?

Typical reasons for ontology failure, circa 2005

Typical reasons for ontology failure, circa 2015

Hub and spokes approach

Examples of ontology suites 2

independent continuants in the system realm

attributes in the system realm

Artifacts have functions and other capabilities

Definition of engineered system

Definition of system

Capabilities Engineering

Applications

Puzzle

Developing an Ontology of Legal Research - 590 - Developing an Ontology of Legal Research - 590 by caliorg 337 views Streamed 10 years ago 1 hour, 3 minutes - ... about the **ontology**, thought about it in like such a matter we have people took classes that the first half and what kind of **law**, ...

Data Governance Explained in 5 Minutes - Data Governance Explained in 5 Minutes by IBM Technology 123,875 views 1 year ago 5 minutes, 22 seconds - Building data fabric eliminates the technological complexities of data governance so users can connect to the right data at the ...

Taxonomies, Ontologies, and Knowledge Graphs - Taxonomies, Ontologies, and Knowledge Graphs by KMWorld Conference 10,223 views 4 years ago 3 minutes, 21 seconds - Enterprise Knowledge LLC Principal Joe Hilger breaks down the differences between taxonomies, **ontologies**, and knowledge ...

Ontologies as a set to describe legal information - Ontologies as a set to describe legal information by Colins Conference 130 views 3 years ago 10 minutes, 55 seconds - Anatolii Getman (1), Volodymyr Karasiuk (1) and Yevhen Hetman (2) 1 - Yaroslav Mudryi National **Law**, University, Kharkiv, ...

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