

Words used in the drawing:

NOTE: attendees are able to connect the drawing shape to a definition by highlighting the shape and creating a comment. However, these definitions are not retained when the file is downloaded as a PDF file. So separate definitions, as below, is an awkward but necessary workaround to Google's available no cost technology.

An ontology is a living artifact that is born inside an organizational context, has a life-cycle and is interacted with by various agents

Ontology Specification is a type of specification used to describe ontology

Evaluation Metric is a type of metric used in evaluation

Ontology Specification

Intrinsic Ontology Requirements

Amanda Vizedom 12:27 PM Today

Requirements that apply to the internal, technical and content characteristics of an ontology. The corresponding evaluation criteria can be evaluated independently of use context.

Ontology

Specifications for Ontology n Ontology specification is an expression of a requirement.

David Whitten

12:27 PM Today

A specification, a characteristic and a requirement can be hierarchically arranged within themselves

Ontology specification is an expression of an ontology requirement

Ontology requirements is not a document but is a role in a sense, but

Relational Ontology Requirements

Amanda Vizedom

12:34 PM Today

(aka contextual, or mixed intrinsic/extrinsic) Requirements that apply to an ontology and that concern how the internal technical and content characteristics of the ontology relate to some feature(s) of the context in which that ontology is to be used. The corresponding evaluation criteria can only be evaluated within the context of some such use.

Scope

Use Case

Formal Ontology

Application

Maturity Level

Lifecycle
System
Ontology evaluation tool
Ontology Characteristic
Ontology Lifecycle
Domain Evaluation
Organization
Evaluation Criteria
Evaluation Process
Evaluation Metric
Evaluation Event
Evaluation Output
Ontology Sponsor's Investment
Ontology Faceting
Automation of Evaluation
Manual Evaluation Method
Automated Evaluation Method
Semi-Automated Eval Method
Instance Population
Ontology Conceptual Model - A human-centric, human-understandable model of the things and relationships in a portion of world, expressed independently of technological implementation or machine use considerations. May be textual, graphical, or captured in any other human-friendly way
Ontology Logical Model - The logical model is subject to the intrinsic structural evaluation criteria
Ontology Physical Model