

Review of: "Creating ontological definitions for use in science"

Alper Karamanlioglu¹

¹ Middle East Technical University

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This study presents a simple explanation of ontology definitions and introduces the basics in a way that even those unfamiliar with the field can understand. Therefore, I think it can be said that the article aims to gain familiarity on a interesting topic rather than providing in-depth information. Here are my comments on what I think should be considered in the article:

* Ontology definitions are associated with dictionary definitions in line with an assumption.

Although this assumption seems significant and is explained with the Qeios example, the related work that establishes this connection is not sufficiently mentioned.

* The general deficiencies in formal representations can be overlooked because this is not the focus. But it could have been more strongly felt that the work also had a mathematical perspective.

* The reason for some propositions is not sufficiently explained. For example: Why is it necessary to avoid the use of negations?

* An important shortcoming of the study, in my opinion, is that important details such as W3C standards are not mentioned at all. No reference is given for IRI either.

* Apart from that, it would be better if entity-relationship structures were enriched with a visual example.

Overall, I think it is a useful study, although it has some shortcomings that needs to be considered.