

Plans for the Communiqué

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What is the Communiqué?


- Its purpose is to advance the state of the art of applied ontology by facilitating a consensus on an open question and identifying future challenges for the community.
- It is **not** a summary of all that happened during the OS.
- It is **not** a research paper.

- Many forms of participation (panel discussions, surveys, emails, editing of wiki pages)
- Track champions maintain summary wiki pages.
- Editors + track champions create several drafts of the communiqué
- Participants review and make change suggestions
- NEW: Final draft before Symposium in Gaithersburg
- Endorsement by participants and the ontology community

- April 11th: 1st draft
- April 25th: 2nd draft
- May 1st: final draft
- May 2nd: Official presentation at symposium in Gaithersburg
- June 3rd: Last opportunity for endorsement
- July 1st: submission for publication (“Applied Ontology”)

We have a scoping problem ...

- Result so far: whether an ontology is useful for somebody might depend on a huge number of factors (e.g., intellectual property rights, size of the user-base, regulatory conformance)¹
- Any effort to provide an exhaustive overview will fail.
- **For the purpose of the communiqué** we need to limit scope of evaluations we consider.

¹E.g., In "ONTOMETRIC: A Method to Choose the Appropriate Ontology" Lozano-Tello and Gómez-Pérez list 160 characteristics that can be evaluated. 

- ontology: a machine-interpretable and human-intelligible representation of a domain, typically used as part of some larger IT system.
- Suggestion: we focus in the communicate on the evaluation under the the following aspects:
 - Is the domain represented appropriately (given the requirements of the IT system)?
 - Is the ontology human-intelligible?
 - Is the ontology maintainable?
 - Does the query/reasoning capability and performance meet the requirements of the IT system?

① Executive Summary

② Introduction

- ① Why is ontology evaluation important?
- ② What is the scope of this document?

③ The State of the Art of Ontology Evaluation

- ① What are the desirable characteristics of ontologies and how are they measured?
- ② What best practices should one adopt to ensure that ontologies have the desirable characteristics in (a)?
- ③ What tool-support is currently available to support the evaluation of the characteristics and the best practices identified in (a) and (b)?

④ Future Steps What issues need to be addressed to improve ontology evaluation and its adoption by ontology developers?