

# Procurement Notice Enrichment Using Product Ontologies

Vojtěch Svátek  
Univ. of Economics, Prague  
Nám. W. Churchilla 4, Praha 3  
Czech Republic  
svatek@vse.cz

Patrik Kompuš  
CTU, Prague  
Thákurova 9, Praha 6  
Czech Republic  
patrik.kompus@gmail.com

Marek Dudáš  
Univ. of Economics, Prague  
Nám. W. Churchilla 4, Praha 3  
Czech Republic  
marek.dudas@vse.cz

Martin Nečaský  
Charles University in Prague  
Malostranské n. 25, Praha 1  
Czech Republic  
necasky@ksi.mff.cuni.cz

Jakub Klímek  
CTU, Prague  
Thákurova 9, Praha 6  
Czech Republic  
jakub.klimek@fit.cvut.cz

## ABSTRACT

Linked data resources supporting matchmaking supply and demand on the procurement market are so far limited. Precise match could be obtained by enriching the procurement notices with detailed types and parameters of the product/service that are explicitly modeled in 'vertical' ontologies for the e-commerce field, in particular in the OPDM project associated with the GoodRelations initiative. We showcase a web-based prototype that allows the contracting authority to (1) fetch a product ontology from the OPDM repository, (2) create forms using relevant concepts from the ontology, and (3) annotate a procurement notice via the form corresponding to the demanded product.

The full paper is included in the **ACM Proceedings of the Research and Innovation Track of the SEMANTICS2015 Conference (ACM 978-1-4503-3462-4/15/09, DOI: <http://dx.doi.org/10.1145/2814864.2814893>)**.