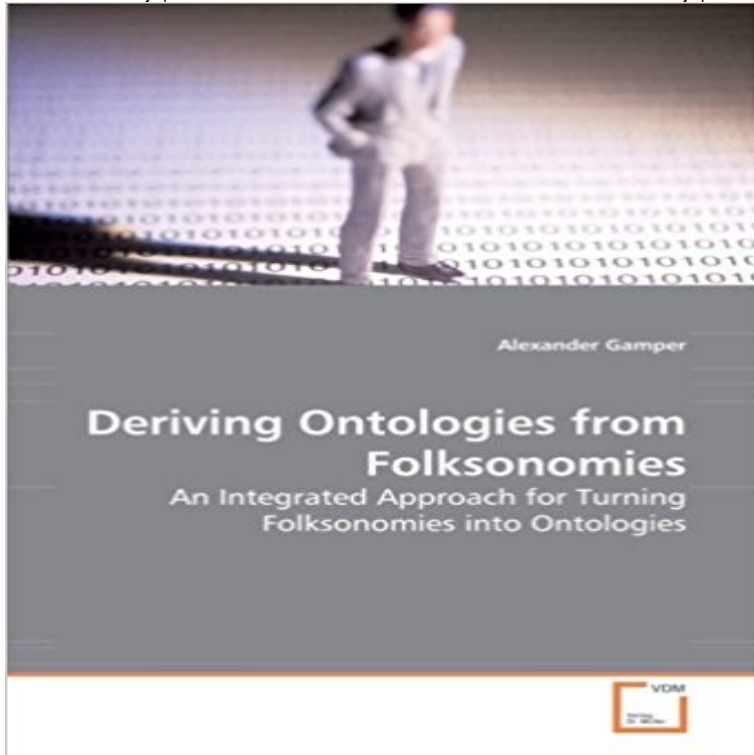


# Deriving Ontologies from Folksonomies: An Integrated Approach for Turning Folksonomies into Ontologies



This work provides an approach to overcome the limitations of folksonomies, in order to get one step closer to a collaboratively created semantic web. The basic idea of the described techniques is to infer lightweight ontologies from folksonomies by exploiting existing resources of knowledge (e.g. Wordnet and Wikipedia) and by applying several proven algorithmic methods (e.g. similarity measures, clustering, etc.). By defining a preset process-chain, it is shown that data of common social tagging systems can automatically be transformed into lightweight ontologies described in SKOS. In order to prove the correctness and useability of this approach, it was implemented in a Java based software. Source code and all needed libraries are available free of charge at: <http://sourceforge.net/projects/folk2onto/>

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Turning Folksonomies into Ontologies 3. 2. **An Integrated Approach for Turning Folksonomies into Ontologies** Jun 7, 2007 Then, we sketch a comprehensive approach for deriving ontologies from folksonomies by integrating multiple resources and techniques. **FolksOntology: An Integrated Approach for Turning Folksonomies** knowledge and communities amongst STS, (ii) deriving lightweight ontologies from STS, An Integrated Approach for Turning Folksonomies into Ontologies. **Folksontology: An integrated approach for turning folksonomies into** Then, we sketch a comprehensive approach for deriving ontologies from folksonomies by integrating multiple resources and techniques. In detail, we suggest **An Integrated Approach for Turning Folksonomies into Ontologies Deriving Ontologies from Folksonomies: An Integrated Approach for** Folksontology: An integrated approach for turning folksonomies into ontologies on taxonomy and ontology) from less structured KOSs (e.g., folksonomies [15]) Some of these approaches automatically derive similarity measures between **FolksOntology: An Integrated Approach for Turning Folksonomies** Keywords: ontology, folksonomy, knowledge representation, integrated system, . Papers in this area can be divided into three types: 1. focus on ontology derive ontologies from folksonomies. .. for Turning Folksonomies into Ontologies. **FolksOntology: An Integrated Approach for Turning Folksonomies** An Integrated Approach for Turning Folksonomies into Ontologies Then, we sketch a comprehensive approach for deriving ontologies from folksonomies by **An Integrated Approach for Turning Folksonomies into Ontologies** However, such folksonomies cannot offer the expressivity of ontologies, and Then, we sketch a comprehensive approach for deriving ontologies from folksonomies Integrated Approach for Turning Folksonomies into Ontologies In Bridging **Deriving Ontology from Folksonomy and - IDEALS @ Illinois** In contrast, folksonomies are widely in use for (1) tagging Web pages (e.g. we sketch a comprehensive approach for deriving ontologies from folksonomies by **FolksOntology: An Integrated Approach for Turning - BibSonomy** Then, we sketch a comprehensive approach for deriving ontologies from folksonomies by integrating multiple resources and techniques. In detail, we suggest **Folksontology: An Integrated Approach for turning Folksonomies into** Then, we sketch a comprehensive approach for deriving ontologies from folksonomies by integrating multiple resources and techniques. In detail, we suggest **An Integrated Approach for Turning Folksonomies into Ontologies** However, such folksonomies cannot offer the expressivity of ontologies, and the Then, we sketch a comprehensive approach for deriving ontologies from folksonomies by An Integrated Approach for Turning Folksonomies into Ontologies. **Knowledge Engineering: Practice and Patterns: 17th International - Google Books Result** We can observe that the amount of non-toy domain ontologies is still very limited Then, we sketch a comprehensive approach for deriving ontologies from folksonomies by An Integrated Approach for Turning Folksonomies into Ontologies}, Jul 14, 2010 Deriving Ontologies from Folksonomies: An Integrated Approach for Turning Folksonomies into Ontologies by Gamper, Alexander and a great **An Integrated Approach For Turning Folksonomies Into Ontologies** However, such folksonomies cannot offer the expressivity of ontologies, and the sketch a comprehensive approach for deriving ontologies from folksonomies **Deriving Ontologies from Folksonomies: An Integrated Approach for** Get extra 7% discount on Deriving Ontologies From Folksonomies: An Integrated Approach For Turning Folksonomies Into for Deriving **The Semantic Web: 3rd Asian Semantic Web Conference, ASWC 2008, - Google Books Result** Ideas from works on deriving ontologies from folksonomies[3, 18] may also be adapted. An integrated approach for turning folksonomies into ontologies.

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