

USING ONTOLOGY'S IN HUMAN RESOURCE MANAGEMENT

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Abstract: In today's business environment, human resource management is playing an important role and it is present in each organization. Human resource management (HRM) is the strategic and coherent approach to the management of an organization's most valued assets - the people working in the organization. We try to design an ontology for human resource management, and we want to encompass in it all common items no matter in which area we want to apply this structure. This paper wants to propose a model for a human resource management system. This future structure will be incorporated into an ontology. Ontologies are used to capture knowledge about some domains of interest and in our case, it is used to capture knowledge about an human resource management system.

Key Words: Ontology, Knowledge Representation, HRM.

Bibliography:

1. J. Dorn, T. Naz, M. Pichlmair: "Ontology Development for Human Resource Management"; Vortrag: 4th International Conference on Knowledge Management, Wien; 27.08.2007 - 28.08.2007; in: "Proceedings of 4rd International Conference on Knowledge Management", Ch. Sary, F. Barachini, S. Hawamdeh (Hrg.); Series on Information & Knowledge Management, 6 (2007), ISBN: 978-981-277-058-5; S. 109 - 120.
2. Cristina NICULESCU, Perspective ontologice în modelarea sistemelor informationale de colaborare ale organizatiilor virtuale, Revista Informatica Economica, nr. 3(23)/2002
3. Toby Segaran, Colin Evans, and Jamie Taylor, Programming the Semantic Web, O'Reilly Media, 2009
4. Ioan I. Andone, Ontologies and Enterprise's Information Modelling, Analele Stiintifice ale Universitatii "Alexandru Ioan Cuza" din Iasi - Stiinte Economice, 2005/2006
5. http://en.wikipedia.org/wiki/Ontology_%28information_science%29
6. Gomez-Perez, A., (1998), Knowledge sharing and reuse. The Handbook of Applied Expert Systems, edited by J. Liebowitz, CRC Press, Boca Raton, chapter X.
7. <http://www.w3.org/TR/owl-guide/>
8. Matthew Horridge, Nick Drummond, Simon Jupp, Georgina Moulton, Robert Stevens, A Practical Guide To Building OWL Ontologies Using Protege 4 and CO-ODE Tools Edition 1.2, The University Of Manchester, 2009
9. J. Dorn, T. Naz, M. Pichlmair: "Ontology Development for Human Resource Management"; Vortrag: 4th International Conference on Knowledge Management, Wien; 27.08.2007-28.08.2007; n: "Proceedings of 4rd International Conference on Knowledge Management", Ch. Sary, F. Barachini, S. Hawamdeh (Hrg.); Series on Information & Knowledge Management, 6 (2007), ISBN: 978-981-277-058-5; S. 109 - 120.