

AN E-BROKERAGE APPROACH BASED ON MULTI-AGENT TECHNOLOGY

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Abstract: In this paper the author shows the importance of multi-agent system in the e-commerce domain, specially for brokerage. He also propose an agent-based architecture for brokerage and a structure for the intelligent broker. The structure may be seen like a multi-agent system, having intelligent agents that are doing specific tasks for brokerage activity. In the end, conclusions reveal some aspects that may be start points for future researches.

Keywords: E-commerce, intelligent agent, brokerage, multi-agent systems.

References

1. Finnie G., Sun Z., Weber K, Multi-agent-based electronic bargaining processes., Proc of the International ICSC Symposia on Intelligent Systems & Applications, Academic Press, 2000.
2. Multi-agent systems for concurrent intelligent design and manufacturing, De Weiming Shen, D. H. Norrie, Jean-Paul Barthès, Published by CRC Press, 2001, ISBN 0748408827.
3. <http://www.agentbuilder.com/>
4. Nițu Corneliu, Dumitrașcu Alexandru, Nițu Loredana, Multi-agent Intelligent Systems, Publish House Matrix Rom, București, 2008.
5. Paurobally S, Cunningham, J. Specifying the process and states of negotiation, Berlin: Springer-Verlag; 2001
6. Francisco García-Sánchez, Rodrigo Martínez-Béjar Knowledge, Technologies-Based Multi-Agent System for Semantic Web Services Environments, Springer Berlin / Heidelberg ISSN0302-9743.