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Computer Science Review
Volume 24, Pages 1-80 (May 2017)

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Review article
Agent Based Modelling and Simulation tools: A review of the state-of-art software
Sameera Abar [✉], Georgios K. Theodoropoulos [✉], Pierre Lamarinier [✉], Gregory M.P. O'Hare [✉]
<https://doi.org/10.1016/j.cosrev.2017.03.001> | Get rights and content

Abstract

The key intent of this work is to present a comprehensive comparative literature survey of the state-of-art in software agent-based computing technology and its incorporation within the modelling and simulation domain. The original contribution of this survey is two-fold: (1) Present a concise characterization of almost the entire spectrum of agent-based modelling and simulation tools, thereby highlighting the salient features, merits, and shortcomings of such multi-faceted application software; this article covers eighty five agent-based toolkits that may assist the system designers and developers with common tasks, such as constructing agent-based models and portraying the real-time simulation outputs in tabular/graphical formats and visual recordings. (2) Provide a usable reference that aids engineers, researchers, learners and academicians in readily selecting an appropriate agent-based modelling and simulation toolkit for designing and developing their system models and prototypes, cognizant of both their expertise and those requirements of their application domain. In a nutshell, a significant synthesis of Agent Based

Solid modeling of fossil small mammal teeth
Computers & Geosciences, 2011, pp. 1364-1371
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Recognition, Qualification and Certification
The Journal of Urology, 1985, pp. 237-238
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