



Combining model management tools developed in SEMS

The Scope of SEMS

The Simulation Experiment Management System (short SEMS) is a project to improve the management of simulation models in Systems Biology. We promote standardization efforts and provide tools for easier model management and data integration to support the workflow of modeling and simulation in the life sciences. Specifically, we develop methods and tools to manage biological simulation models (in SBML and CellML format) and related data (such as

SED-ML files, bio-ontologies, result data). Our focus is on the development of improved techniques for storage (MaSyMos), retrieval and ranking (MORRE), and version control (BiVeS & BudHat). The web-based software tool **2MT** combines these techniques in an integrated user interface. 2MT thus demonstrates the capabilities of our methods and shows how our tools can improve the everyday work of life scientists.





- ular Biology, 2004
- [4] http://www.neo4j.org
- [5] http://lucene.apache.org/

An integrated Web-UI based on JSF, Primefaces and cytoscape.js.





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