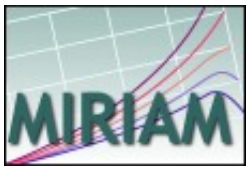
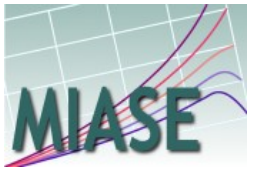
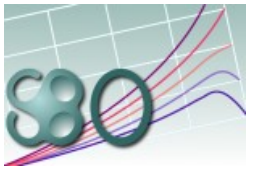
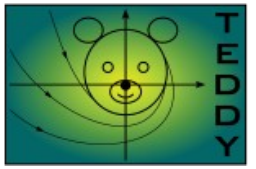
KiSAO

Kinetic Simulation Algorithm Ontology

	Models	Simulation	Results
Minimal requirements			
Data-models			SBRML
Ontologies			

Simulation approach

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                     outputStartTime="0"
                     outputEndTime="140"
                     numberOfPoints="1000">
    <algorithm kisaoID="KiSAO:0000030"/>
  </uniformTimeCourse>
</listOfSimulations>
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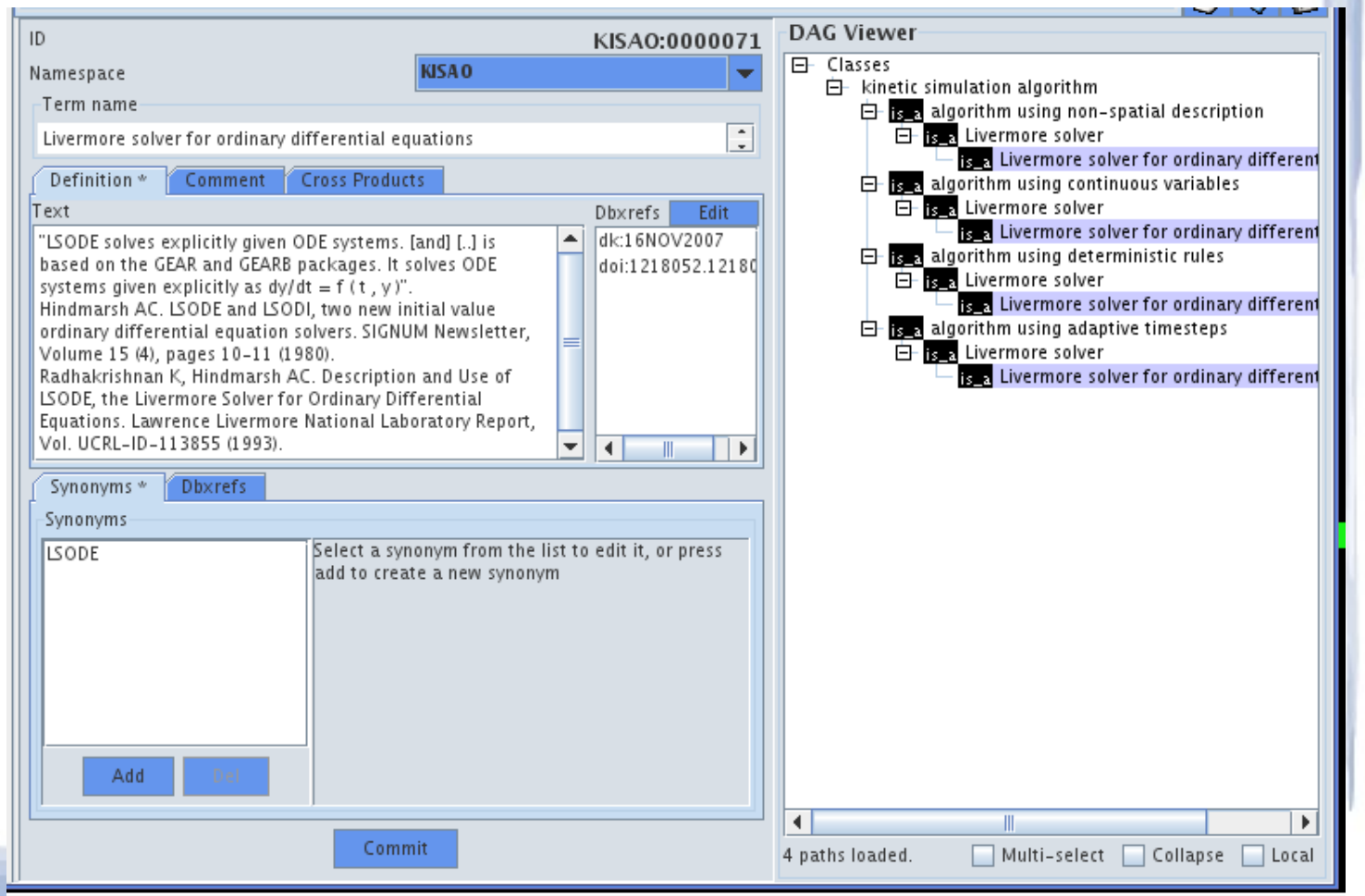

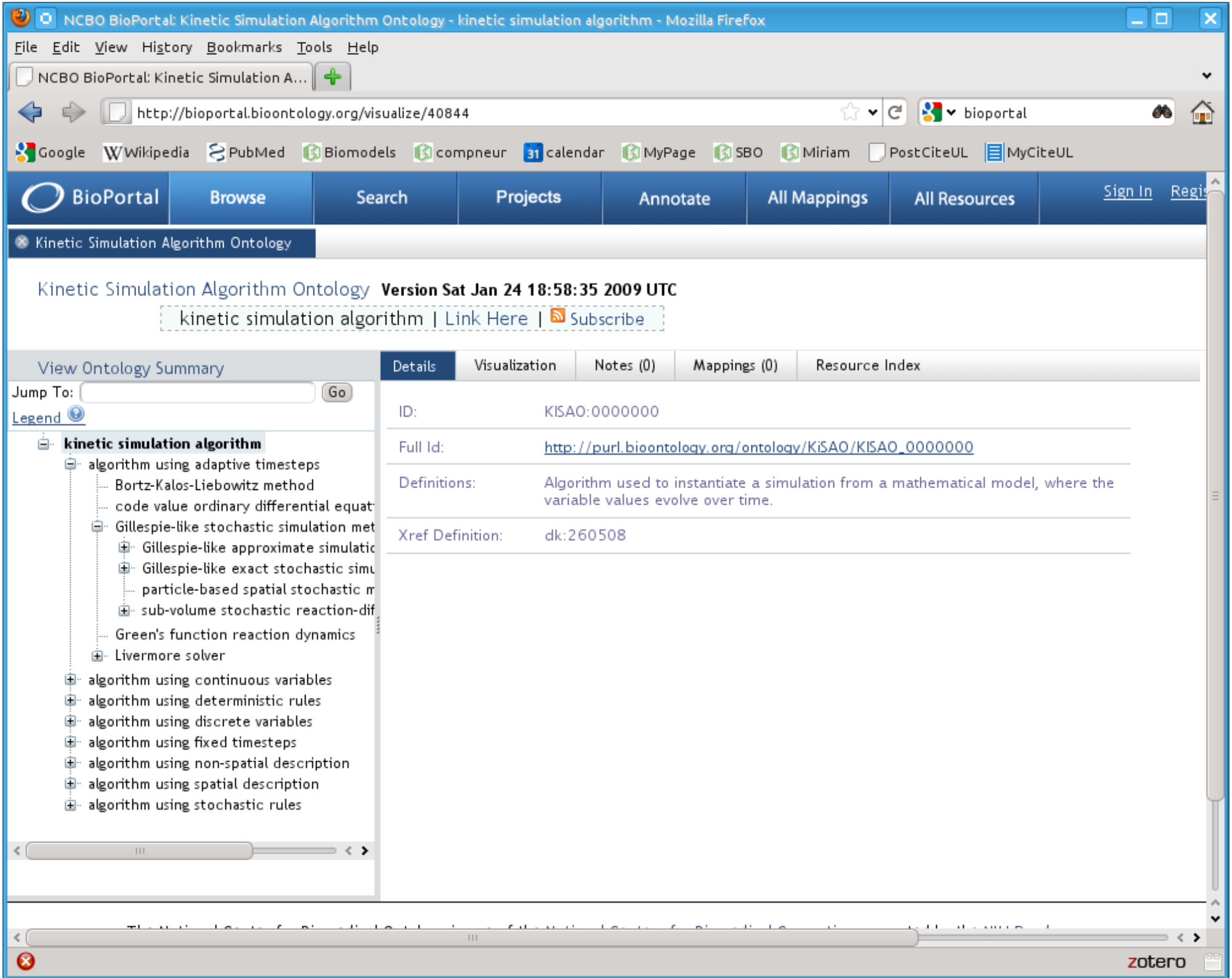
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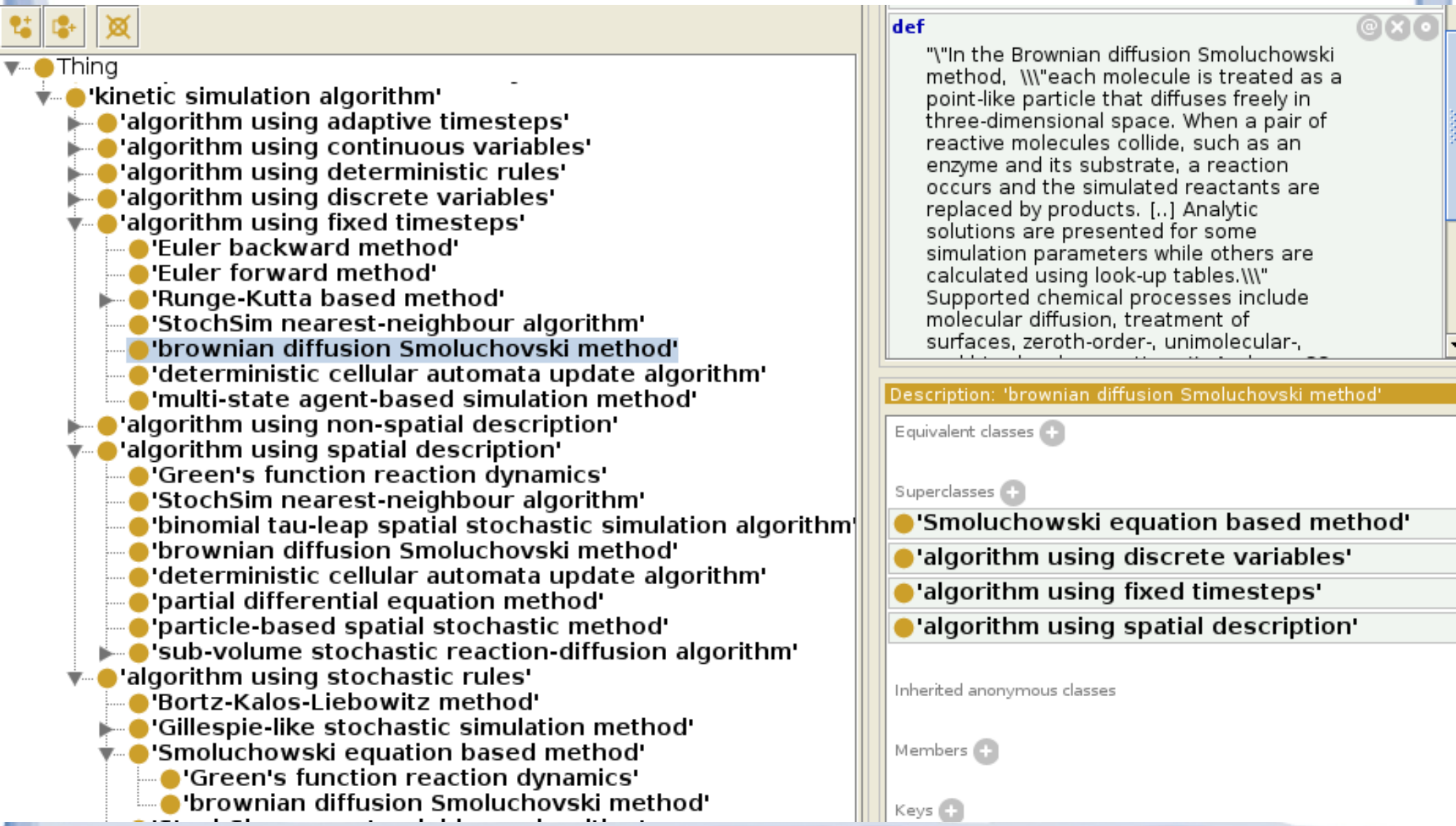
particle-based spatial stochastic m
sub-volume stochastic reaction-dif
Green's function reaction dynamics
Livermore solver
algorithm using continuous variables
algorithm using deterministic rules
algorithm using discrete variables
algorithm using fixed timesteps
algorithm using non-spatial description
algorithm using spatial description
algorithm using stochastic rules
Details
Visualization
Notes (0)
Mappings (0)
Resource Index
ID: KISAO:0000000
Full Id: http://purl.bioontology.org/ontology/KiSAO/KISAO_0000000
Definitions: Algorithm used to instantiate a simulation from a mathematical model, where the variable values evolve over time.
Xref Definition: dk:260508
zotero

Old KiSAO: subsumptions, multiple inheritance



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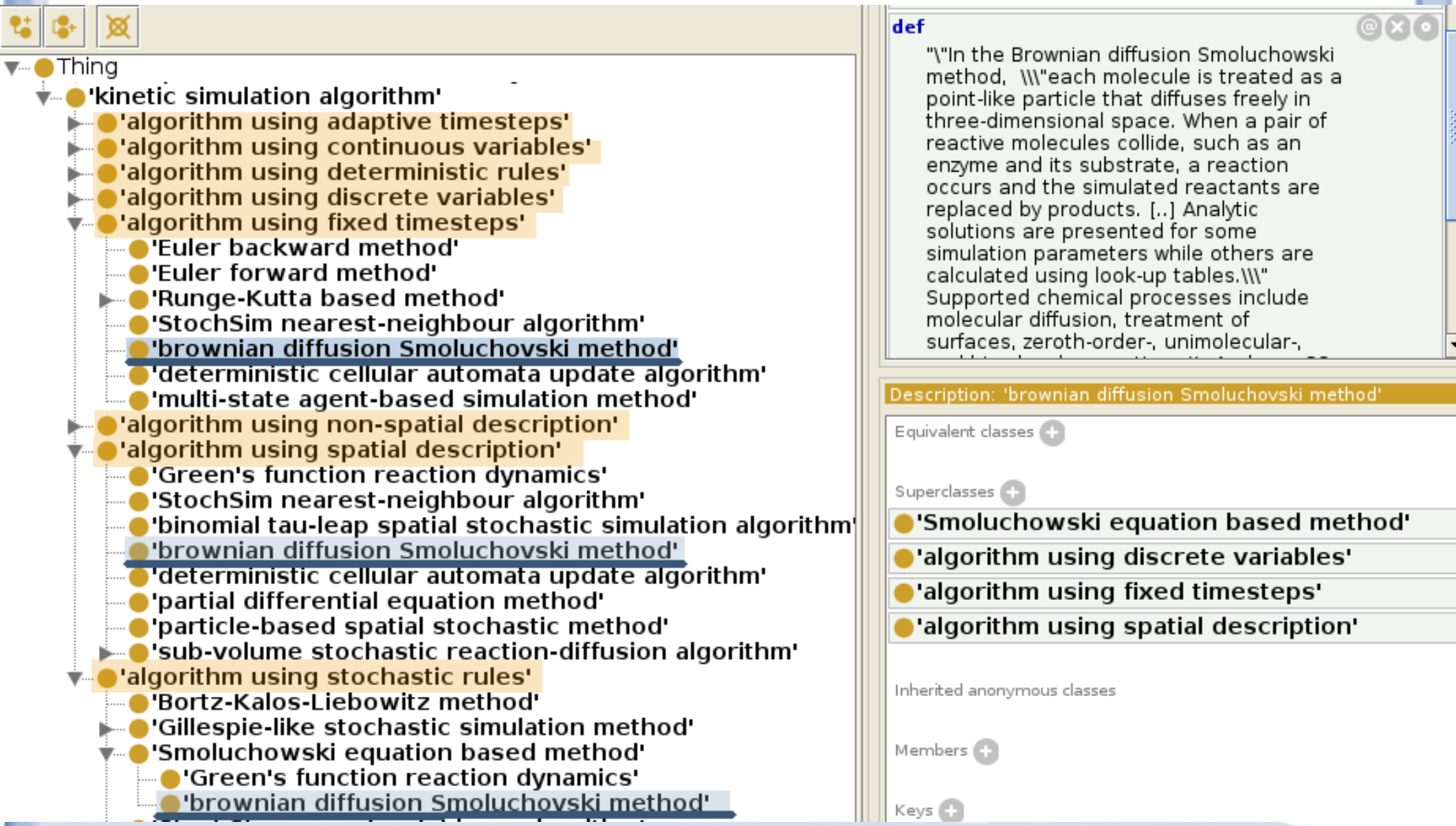
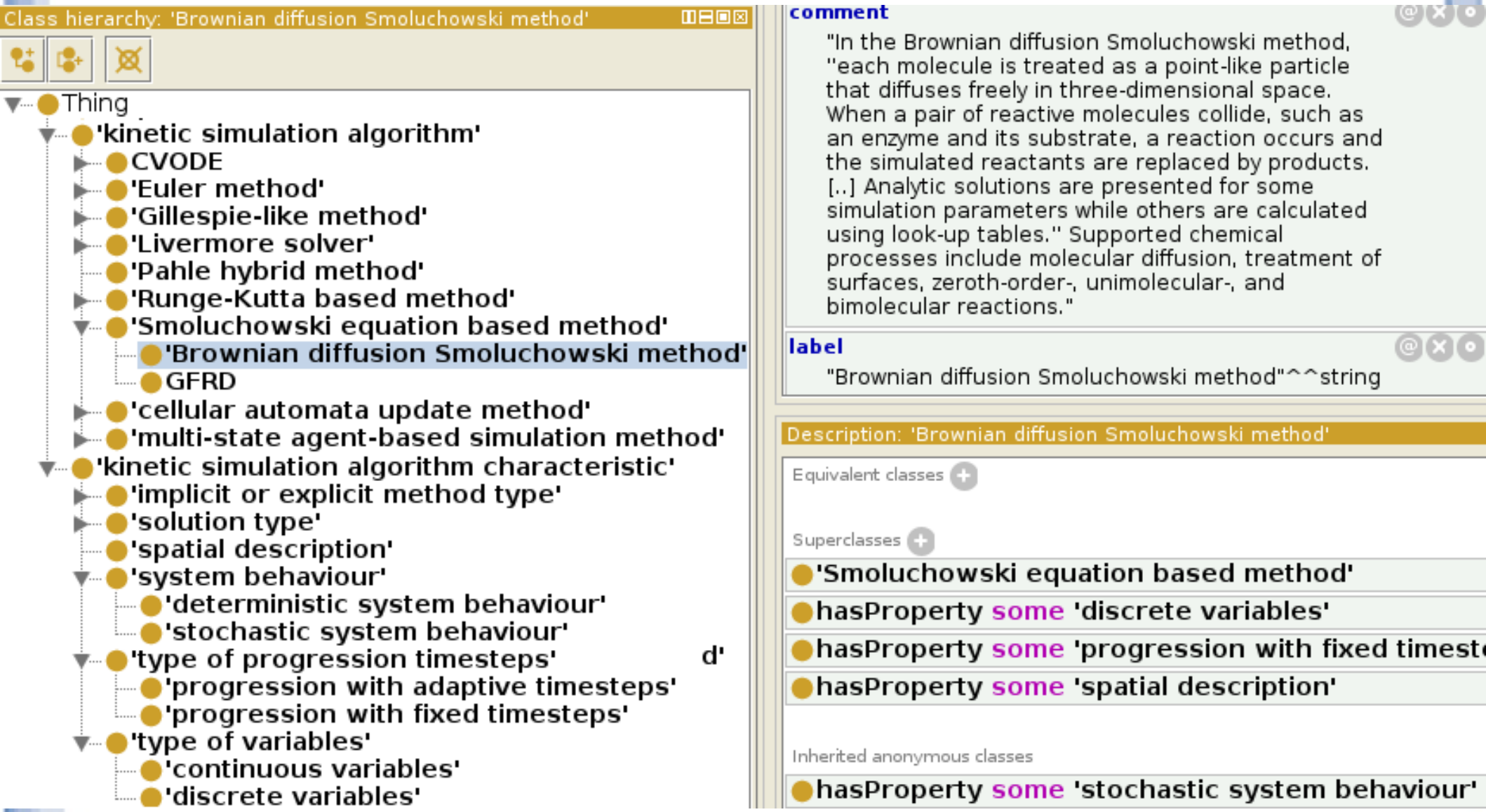


New KiSAO: 'algorithm characteristic' branch, 'hasProperty' relation



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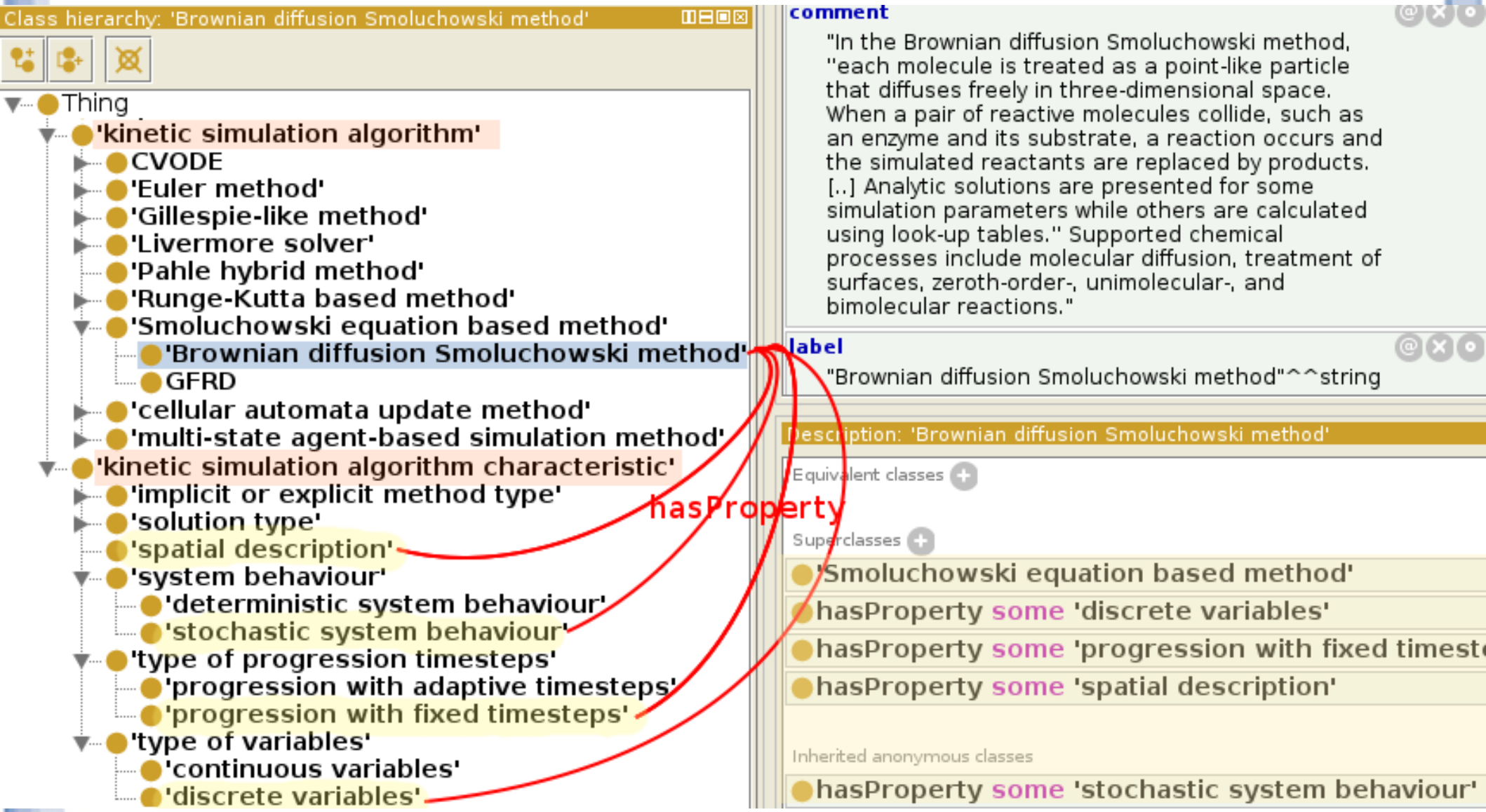
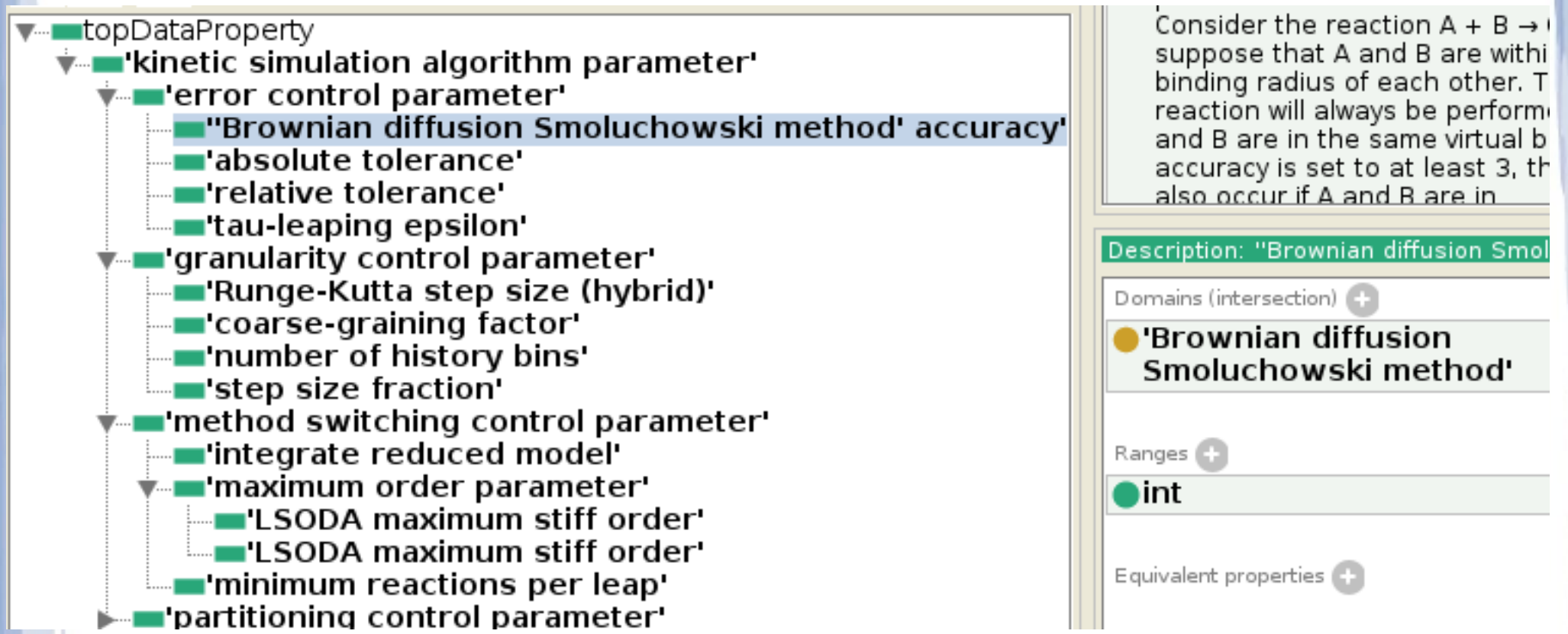
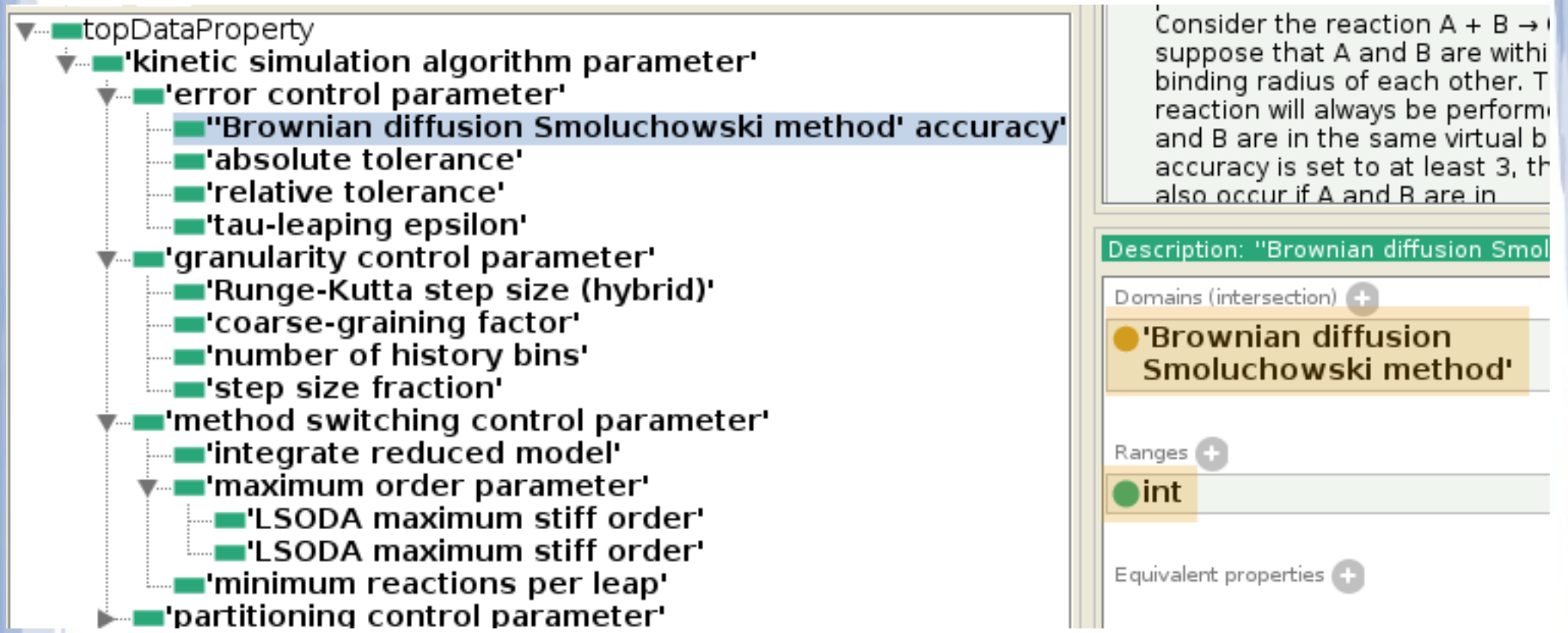


New KiSAO: algorithm parameters



New KiSAO: algorithm parameters



Algorithm Parameter Survey

https://www.surveymonkey.com/s/kisao_parameters

Acknowledgements

Dagmar Waltemath

Anna Zhukova