

**Realtime Technologies' (RTI)** Multibody Dynamics Component Library is an add-on collection of components for our premiere product, SimCreator.



Our Multibody Dynamics Library includes base bodies, joints, masses and cut joints. The joints included in this collection are prismatic, revolute, cylindrical, universal, screw and spherical. You can use cut spherical joints to model closed loop systems.

You can also model complete tree systems using merges, masses and offsets. RTI's Multibody Dynamics Library supports fixed and 6DOF base bodies.

You can accurately model complete closed kinematic systems — in real time.

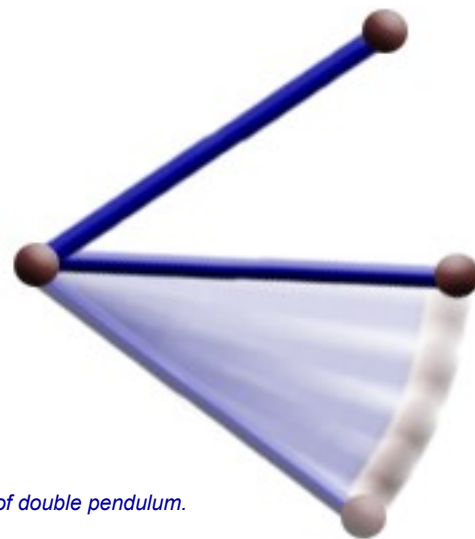


Animation of four-arm linkage.

another  
**SimCreator**  
product

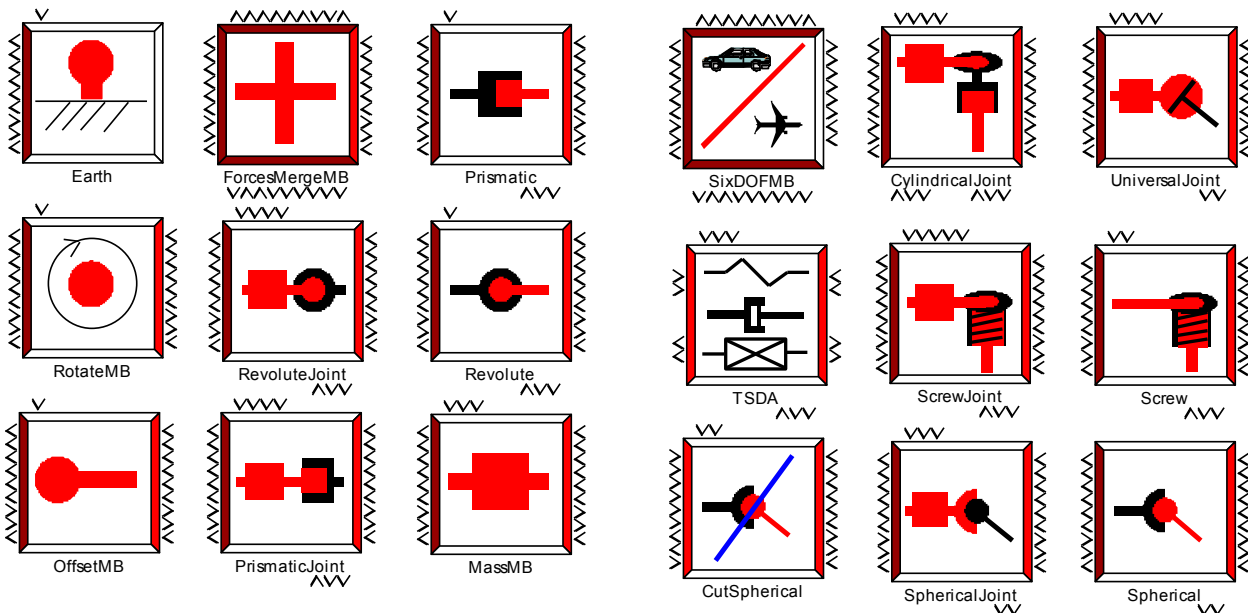
SimCreator® is a graphical, hierarchical, real time simulation and modeling system. It is the product that launched Realtime Technologies. It is the technology upon which many of our products are based.

Please visit our website, [www.simcreator.com](http://www.simcreator.com), for SimCreator, component library information and downloads.



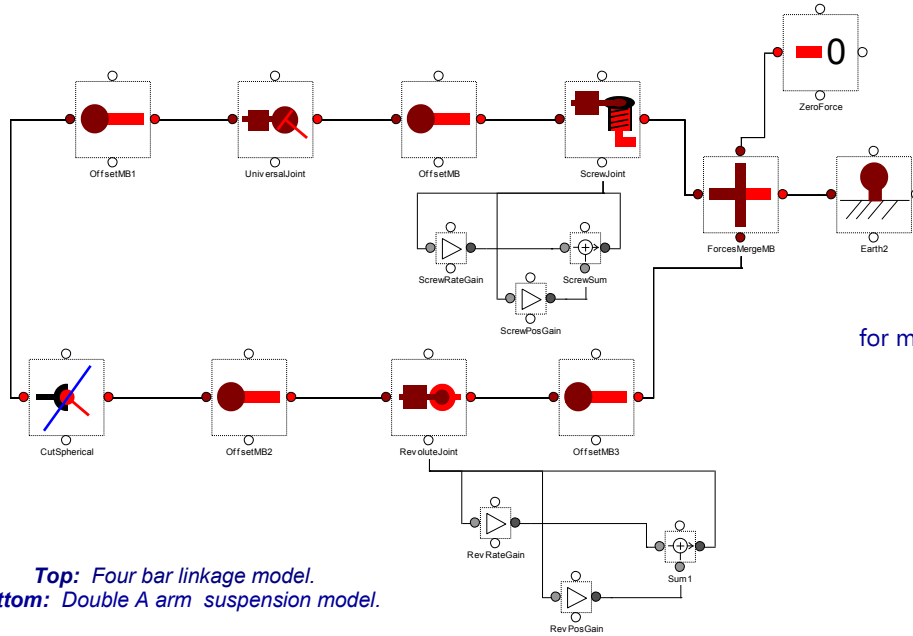
Animation of double pendulum.

See flip side for schematics of four-arm linkage and double A arm suspension.  
Visit [www.simcreator.com](http://www.simcreator.com) to see complete movies of four-arm linkage and double pendulum movies.



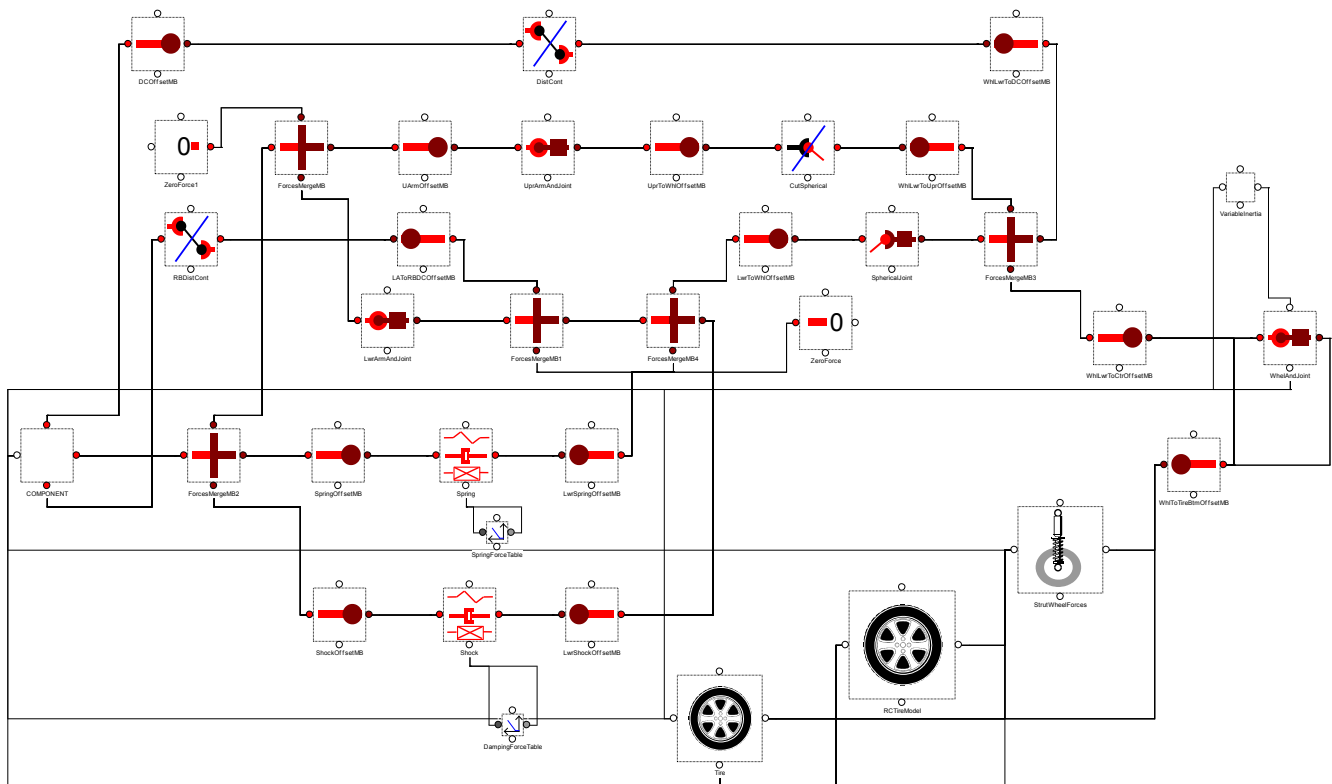
Sampling of components included in the Multibody Dynamics Component Library.

Multibody Dynamics Component Library



for more information contact:  
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Top: Four bar linkage model.  
Bottom: Double A arm suspension model.



Visit [www.simcreator.com](http://www.simcreator.com) to see complete movies of four-arm and double pendulum action.



Realtime Technologies, Inc. (RTI), specializes in real time multibody vehicle dynamics, and graphical simulation and modeling. We offer simulation software applications, consulting services, custom engineering, software and hardware development. Realtime Technologies' customer base includes international, government and private entities. RTI was founded in 1998. For more information, visit us at [www.simcreator.com](http://www.simcreator.com)

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