

Reviewer Mode:

Choosing *Reviewer* mode allows one to review the simulation as it has progressed up to the current point. Selecting *Init* in the *Simulation* mode erases all of the previously recorded simulation run.

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The user controls the operation of *Reviewer* mode with the set of four buttons in the *Control Panel* of *PhysicsWorld*.

The *Play* and *Stop* buttons toggle the reviewer playing state. The *Step* button will step the reviewer playing sequence one frame ahead. The user can toggle the direction of play with the *direction* button as either *Forward* or *Backward*.

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The current frame in *Reviewer* mode is set and updated by a slider and two buttons. While the animation is running this slider is updated and the current frame number is displayed. At any time, even during animation, the user can change the current frame using the slider and the two buttons. If *Reviewer* mode moves before the first frame or after the last frame, *PhysicsWorld* wraps around to the last frame and first frame respectively.

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The time with which *PhysicsWorld* displays each consecutive frame is set using the *Time between frames* text field and slider. *PhysicsWorld* performs real time animation with this time step in seconds.

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Use the *Step by* number to speed up display by only displaying the stepped number of frames. The default is 1 frame. If the user changes the step by: frame to zero, then the animation is temporarily suspended.