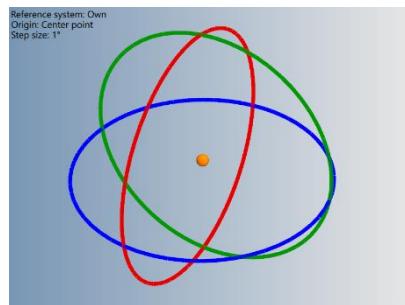
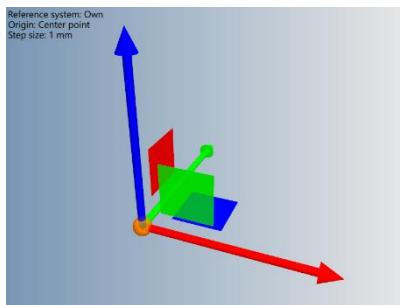


CIROS Studio 8.0

What's new? (Page 1/2)

- The new major version 8.0 brings many improvements! The most important one is new navigation in the viewing window. Press F1 in the viewing window for more information.
- Navigation and selection in the viewing window can now be performed quickly without switching modes. The special editing mode is no longer required and has been removed.
- There is now a gizmo for editing the position and orientation of elements directly in the viewing window. Configuration is done via an in-place menu.



- There are sounds for the first time! Mechanical objects can be configured automatically or manually. Volume levels depend on location, just like in real life. [Model Animation]
- The help has been significantly revised for the most important modules. F1 provides better context-sensitive help and more cross-references.
- The previously time-consuming task of separating imported CAD data can be done with ease using the new model separator. [Model Import Package]
- Coordinate systems, the 3D marker, paths, and transport elements are now visible through geometries.
- For the cable simulation (hose simulation), you can model and configure flexible objects yourself. [Mechanisms Package]
- Relations of a selected action instance are highlighted. [Planner]
- A screenshot of the viewing window is created directly via the window menu. The bitmap is copied to the clipboard and saved as a PNG file, as in Windows.
- Inductive and capacitive sensors can penetrate upstream materials and detect the material behind them realistically. [Mechanisms Package]
- A material can be easily configured for detection by a sensor (inductive, capacitive, or acoustic). [Mechanisms Package]



VEROSIM
SOLUTIONS

VEROSIM Solutions
VEROSIM GmbH
Joseph-von-Fraunhofer-Str. 20
44227 Dortmund, Germany

Tel.: +49 231 586984-80
Fax: +49 231 586984-89
info@verosim-solutions.com
www.verosim-solutions.com



CIROS Studio 8.0

What's new? (Page 2/2)

- Extended properties can be easily sorted to create an intuitive order.
- You can view a catalog of all loaded model libraries as a Markdown file.
- The axis parameters of a section with kinematics can optionally be accessed directly via the section's properties. This saves many clicks during modeling.
- A single object replacer can generate various new parts and thus model separation processes.
- You can export a logging as a CSV file after recording.
- Object instances and additional object sources can be created directly for an existing template.
- The management of workspaces (window layouts) has been completely redesigned and is more intuitive to use.
- For path nodes, the values for additional axes can also be edited using multiple selection.
- The selection filter can be conveniently switched using keyboard shortcuts or the mouse wheel.
- For elements and the 3D marker, you can copy and paste the position in a mutually compatible format via the clipboard.
- When renaming objects, a prompt appears asking whether similarly named gripper points and grip points should also be renamed.
- The code sequence tracing enable status for a controller is also saved for linked models in the main model. [Controller Package]
- The CIROS Python module has been restructured and is now available in the new version 3. The API reference is now created as a Markdown file. [Model Manipulation]
- During a reset, all dependent Python modules are reloaded to simplify the development process. [Model Manipulation]
- The Python Integration now supports version 3.14, 23 classes, 397 functions, and 23 samples. Version 3.10 is no longer supported. The version installed by CIROS is Python 3.13. [Model Manipulation]
- The robot model libraries contain 1,946 robots from 19 manufacturers. [Robotics Package]
- More than 600 improvements concerning user interface, performance, reliability, and workflows compared to the last major version.
- The new major version requires a license upgrade.



VEROSIM
SOLUTIONS

VEROSIM Solutions
VEROSIM GmbH
Joseph-von-Fraunhofer-Str. 20
44227 Dortmund, Germany

Tel.: +49 231 586984-80
Fax: +49 231 586984-89
info@verosim-solutions.com
www.verosim-solutions.com