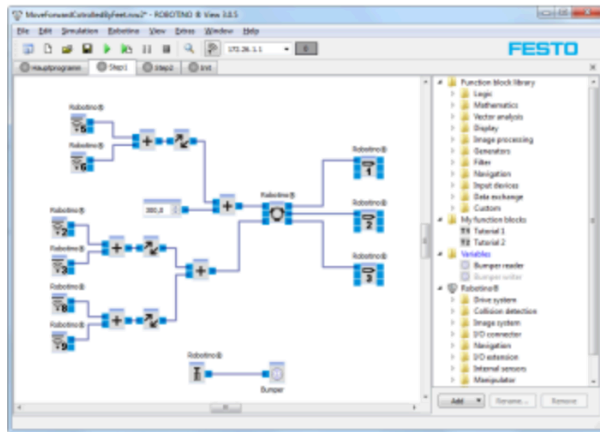


Robotino View:

<http://www.festo-didactic.com/int-en/services/robotino/programming/robotino-view/?fbid=aW50LmVuLjU1Ny4xNy4zNC4xNDI2>

Robotino® View



Robotino® View is the interactive, graphic programming environment for Robotino®.

Control programs for the Robotino® can be created and executed with the help of Robotino® View.

Functionality

A selection of the most important functions included with Robotino® View:

- Sequencing programs are displayed as GRAFCETs
- Simultaneous control of more than one Robotino®
- Representation of hardware components as function blocks
Motors, I/Os, sensors, camera, odometry, gripper, manipulator, power output, shaft encoder input
- Function block for image processing:
line detector, colour range search, marker detection
- Function blocks for navigation:
position navigator, distance navigator, obstacle avoidance
- Function blocks for data exchange:
UDP, TCP/IP client/server, OPC
- Download and start Robotino® View programs directly at Robotino®
- Creation and integration of individualised function blocks in C++
- User interface and user help in German, English, Spanish and French

Installation

The current setup file for version 3 of Robotino® View is available here:

→ [Setup Robotino® View 3](#)

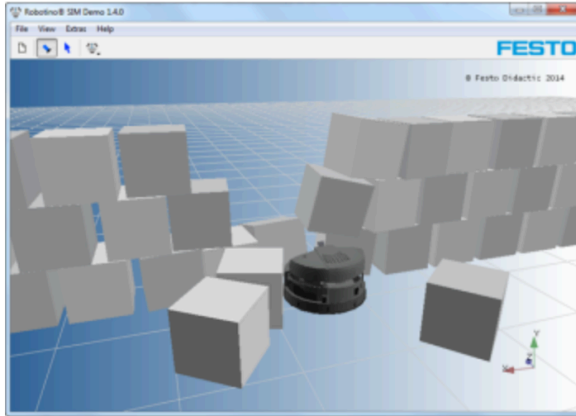
For Robotino® versions up to 2013, use the following setup file for version 2.8.4 of Robotino® View:

→ [Setup Robotino® View 2.8.4](#)

Robotino Sim:

<http://www.festo-didactic.com/int-en/services/robotino/simulation/?fbid=aW50LmVuLjU1Ny4xNy4zNC4xNDQy>

Simulation



Robotino® SIM is a simulation environment for experimenting with Robotino®.

Robotino® SIM provides you with a virtual Robotino® in an exciting, virtual experimentation environment. It allows you to control the Robotino® with Robotino® View, and takes you on exciting adventures – free of charge for first-time users!

Functionality

A selection of the most important functions included with Robotino® SIM:

- Simulation of how Robotino® performs (with → Robotino® SIM Professional for more than one Robotino® as well)
- Physics simulation based on NVIDIA® PhysX®
- Integrated simulation of sensors
Bumper, distance sensors, camera, opto-electronic sensors, inductive sensor
- Control with Robotino® View or via the programming interface for C++, Java, .Net, LabVIEW, MATLAB/Simulink and ROS
- Setup of individualised simulation models with → Robotino® SIM Professional

Installation

The current setup file for the freely available version 3 of Robotino® SIM is available here:

→ [Setup Robotino® SIM](#)

For Robotino® versions up to 2013, use the following setup file for version 2.8.4 of Robotino® View:

→ [Setup Robotino® SIM 1.2](#)

Robotino view manual:

http://www.festo-didactic.com/ov3/media/customers/1100/robotinoview2manual_en.pdf