

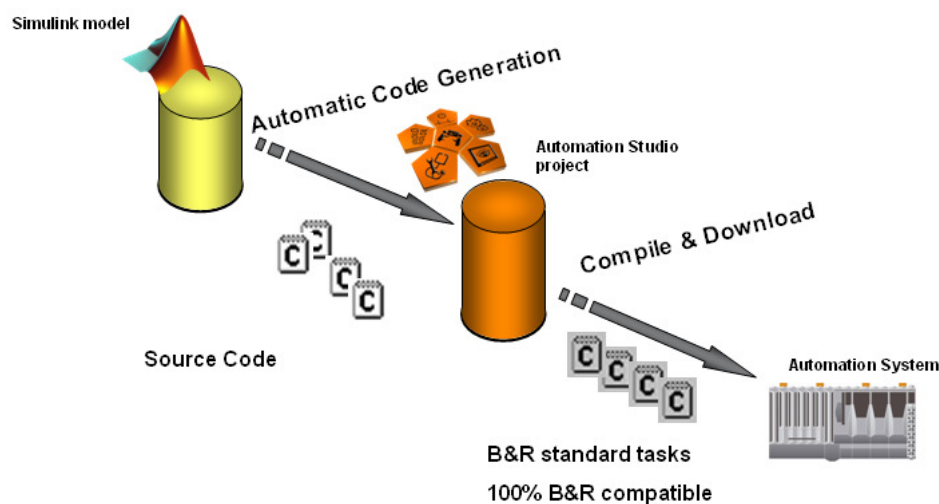
B&R AUTOMATION STUDIO TARGET FOR SIMULINK

Code generation for B&R Automation Studio™

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1 Highlights

- Single programming environment for all B&R products
- Software-compatible scalability from small to large applications
- Automation products designed for industrial application demands
- One responsibility for HMI, Motion, and PLC equipment
- Motion control from single axis to CNC and robotic
- Visualization stand-alone and integrated into the PLC



2 Description

B&R Automation Studio Target™ for Simulink provides an easy-to-use but powerful solution for implementing advanced closed-loop controllers on B&R hardware. Providing an additional Simulink blockset for variable and parameter exchange, B&R Automation Studio™ Target for Simulink supports the whole range of B&R hardware for integrated automation.

At the push of a button, source code optimized for B&R target systems is generated and automatically embedded into an Automation Studio™ project. Standard variable interfaces guarantee real-time data exchange between automatically generated programs and parallel tasks.

Designing and implementing sophisticated control structures on your B&R system becomes much easier using the automatic code generation provided by B&R Automation Studio Target for Simulink.

Links

[1] www.matlab.com

[2] www.br-automation.com