WIND RIVER SIMICS SYSTEM PANEL

COURSE DESCRIPTION

The Wind River Simics System Panel course provides engineers with a quick and efficient way to build and use Wind River Simics System Panels for simulated machines.

After this course, participants will be able to perform the following:

- Understand the system panel architecture
- Use Simics system panel features to model items like LEDs, buttons, or multi-segment displays on the user interface of target machines
- Use various system panel layout managers
- Connect a system panel to a simulated target

PRODUCTS SUPPORTED

- Wind River Simics 4.8

COURSE FORMAT

- This single day, expert-led course consists of lectures and lab sessions.
- Specialized topics are included in lecture and lab books, and taught depending on student preferences and available time.
- Attendees use Wind River Simics 4.8 to gain experience with the topics presented.
- Participants examine and work with Simics system panels using hands-on labs.
- Participants receive individual guidance from an expert engineer who has extensive experience with Wind River technologies.

AUDIENCE

- Software developers and testers
- System integrators and testers

Course title:	**Wind River Simics System Panel**
Duration:	One day
Format:	Instructor-led lectures and hands-on lab sessions
Content:	**Day 1:** Introduction to Simics System Panel; The System Panel Model; Creating System Panels; Designing a System Panel Layout; Connecting to a Back End Target

PREREQUISITE SKILLS

- Some programming experience in Python
- Some Simics system modeling experience

PREREQUISITE COURSES

- Wind River Simics System Modeling

RELATED COURSES

- Wind River Simics Essentials
- Wind River Simics Device Modeling
- Wind River Simics Advanced Debug Workshop
- Wind River Simics Essentials and Advanced Debug Workshop

WHEN IT MATTERS, IT RUNS ON WIND RIVER

SYLLABUS

Day 1

INTRODUCTION TO SIMICS SYSTEM PANEL

- System panel architecture
- System panel types
- **LAB: Simics system panel basics**

THE SYSTEM PANEL MODEL

- Overview of the system panel model
- System panel behavior
- **LAB: Investigating system panel states**

CREATING SYSTEM PANELS

- System panel creation basics
- The system panel widget set
- System panel widget types
- Implementing system panels
- **LAB: System panel widgets**

DESIGNING A SYSTEM PANEL LAYOUT

- System panel layout management
- System panel design
- **LAB: Using system panel layout managers**

CONNECTING TO A BACK END TARGET

- What to connect
- Connecting the backend target
- **LAB: Connecting the back end target**

GLOBAL REACH OF WIND RIVER EDUCATION SERVICES

With more than 30 years of device software experience, Wind River provides education services in every region of the world. Our private classes can be tailored to your needs by adding or removing topics from multiple courses. If you have more specific project challenges, Wind River Mentoring provides coaching by experienced engineers to help you integrate Wind River solutions into your environment. And when you're too busy to attend a whole class, our On-Demand Learning options provide around-the-clock access to advanced and specialized topics. All of our education services are led by expert engineers who are closely connected to the Wind River technical community for access to specific expertise.

CONTACT US

For more information about Wind River Education Services, visit www.windriver.com/education/.

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