THE YOCTO PROJECT AND WIND RIVER

The Yocto Project is an open source collaboration providing templates, tools, and methods to help companies create Linux-based systems for embedded products, regardless of the hardware architecture.

Yocto Project Fast Facts

- In 2010 the Yocto Project was announced as a new workgroup under the Linux Foundation; Wind River® joined as a founding member.
- More than 550 contributors to the Yocto Project have made over 60,000 code commits and counting, representing over 265,000,000 lines of code.
- The Yocto Project is one of the largest open source teams in the world.
- There are 19 member organizations, including hardware members Cavium, Broadcom, AMD, Freescale, Intel®, LSI, Mindspeed, NetLogic Microsystems, Texas Instruments, and Tilera.

Key Benefits of the Yocto Project

- Aggregates best-of-breed infrastructure, recipes, and tools for building a distribution
- Reduces time wasted on maintaining and duplicating efforts
- Increases collaboration and reuse between commercial and open source communities
- Leverages benefits of other open source projects such as OpenEmbedded and Eclipse

Wind River Contributions to the Yocto Project

- Wind River holds seven out of 33 maintainer and technical lead positions.
- Wind River is a Gold member of the Yocto Project Advisory Board.
- Wind River has contributed over 5,600 total code commits—more than 89,000 lines of code.
- Wind River has dedicated five full-time employees and additional engineers working part-time on the Yocto Project, collectively investing almost 240 months for the past five years.
- Wind River demonstrated one of the first examples of a GENIVI®- and Yocto Project–based in-vehicle infotainment (IVI) platform.

Wind River Benefits That Complement and Extend Beyond the Yocto Project

- Commercial training, long-term support, maintenance, and quality assurance
- Advanced simulation, compilation, debugging, visualization, and analysis tools
- High degree of usability and easier deployment
- System integration and risk mitigation
- Commercial IP review and license disclosure documentation
- Commercial multi-core and virtualization (hypervisor, guest OS support)
- Commercial board support packages (BSPs) and middleware, and broad support for reference and commercial off-the-shelf (COTS) boards