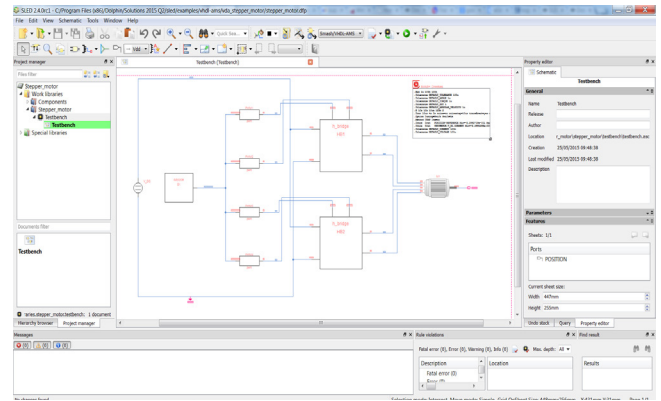




FOR A BETTER INTEROPERABILITY

To enable electronic design for a given process, foundries provide a Process Design Kit (PDK) containing all the files needed to design. For helping PDK integration, SLED 2.4 provides a PDK import feature which enables fast and easy building of a SLED PDK.

This feature paves the way for better interoperability of SLED with standard practices and tools. SLED 2.4 also delivers ergonomics and ease of use enhancements to constantly improve the overall user experience and productivity.



Overview of SLED 2.4 Schematic Editor

KEY FEATURES OF SLED 2.4

- Implemented the means to import a Process Design Kit
- Ergonomics enhancements:
 - ➡ Added automatic scrolling when the editing mode is active
 - ➡ Added the ability to reorder document tabs in the user interface
 - ➡ Improved hierarchical navigation by making the undo stack of the sub-level editors persistent
- New tutorials (Active Text, Import PDK) and tutorial updates for a better learning time.

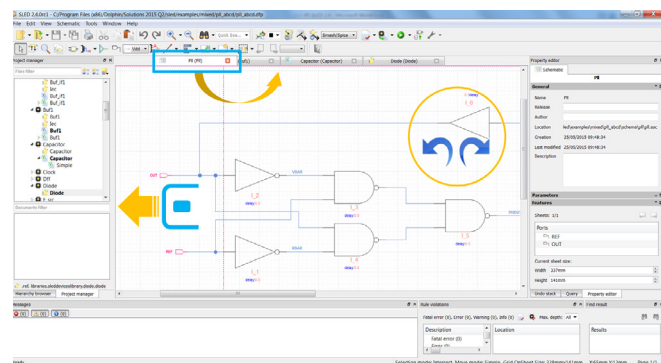
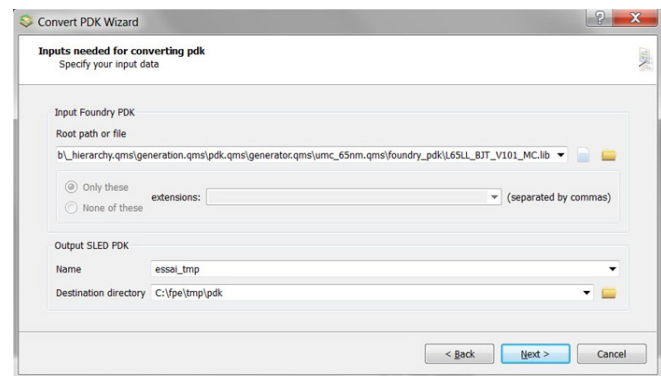


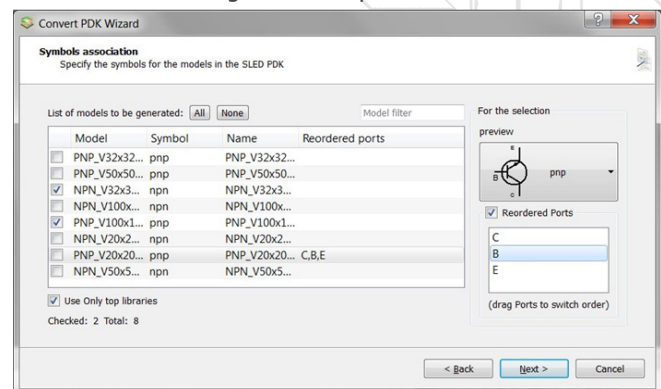
Illustration of the ergonomics enhancements

FOCUS ON "IMPORT PROCESS DESIGN KIT"

- SLED 2.4 enables importing Process Design Kits from many foundries. In the PDK, device models are provided for transistors, resistors, capacitors, and all the required elements. This feature aims at importing these models from the foundry PDK. The result of this import is called a SLED PDK. It consists of a list of libraries, a list of design contexts and a configuration file.
- This feature is based on a user friendly wizard which analyzes the foundry PDK. The user can customize symbols for every needed model and specify corners. Thus, "Import PDK" generates a SLED PDK folder, so that users can use PDK models in any of their projects, and so that users can easily switch between the different technological corner cases.



First Page of the Import PDK wizard



Symbol association of the Import PDK wizard

YOUR FEED-BACK MATTERS

The flexibility of SLED for multi-language netlisting enables the design of true mixed-signal circuits as well as multi-level and multi-physics systems. To continue enhancing the user experience, please provide feedback on your needs to solutions@dolphin-integration.com.