

Missing EDA Links

SLED 1.8

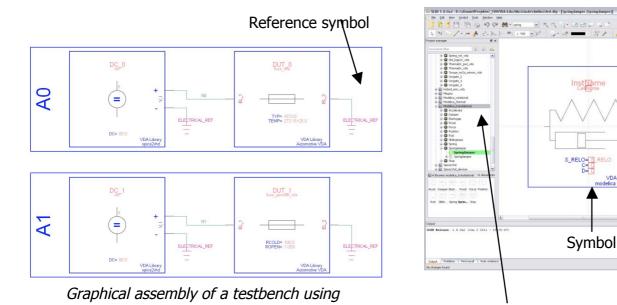
DOLPHIN INTEGRATION

Multi-level modeling is essential to be able to simulate complex subsystems in a reasonable amount of time and even to make simulations feasible. **SLED 1.8 focuses on delivering relevant features for smoother model management and browsing as well as for flexible mixed-signal and multidomain netlisting.**

On top of that, this release of SLED also provides the means to set directives directly in the schematic in order to create more complete testbenches. The directives can be parameterized from the property editor and selectively enabled or ignored during netlisting depending on the design context.

KEY FEATURES

- ✓ Batch **scripting API** for automating design creation, check, migration and data search...
- Management of directives for simulation and layout from schematic
- ✓ Capability to check disciplines and bus expressions with the Design Rule Checker
- ✓ Automatic passing of parameters to instances when defined at schematic level
- Simplified pin order declaration
- Improved capabilities and features of the Project Explorer
 - Possibility to drag, copy, duplicate cells
 - Grouping of cells with tags
 - Renaming of designs, libraries, cells and views
- Improved bus creation with auto-incrementing of bus names
- ✓ Possibility to define schematic references locally using reference symbols
 - Electrical power supply / ground, mechanical reference...
- Improved Verilog netlisting through support of disciplines and management of references
- Symbols for graphic structural assembly of models from the VDA Library
- ✓ Increased interoperability with LayED (TexEDA Layout Editor) with XNDL netlist generation



VDA library models

🤼 SLED is available identically under Linux and Windows.

New project explorer

E

F

Model parameters

Multi-level and

multi-domain modeling

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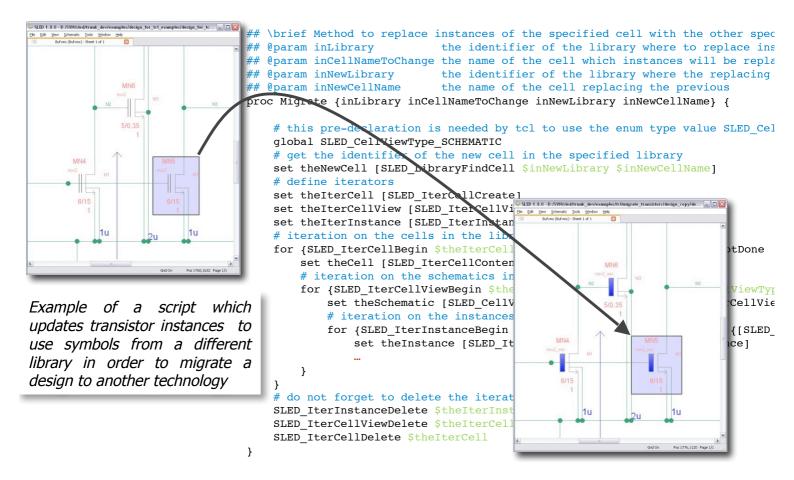
Improved productivity with scripting API

DOLPHIN INTEGRATION

SLED 1.8 provides a batch scripting API to automate repetitive tasks and increase productivity. Designers can save a lot of time by using the scripting API and can focus on creative tasks!

KEY BENEFITS OF THE SCRIPTING API

- **Speed**: Manual time-consuming tasks can be performed in a very short time with scripts
- **Reliability**: A well-written script reduces risks compared to manual changes.
- ✓ **Automation**: Scripts are the best ally for the automation of design flows.
- Maintainability: Scripts can be efficiently and explicitly commented. Even if comments are not written in the code, the user can easily understand what the script does by reading it; compared to manual actions that leave no trace.
- Feasibility: Some repetitive tasks, such as drawing matrices, can only be realistically performed by script.



Application examples of the scripting API are available in the example directory of SLED. They can serve as basis for your specific needs.

For more information, have a look at the User Manual!

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