

Multi Level graphics Editor

A multiple view-polyhierarchical front-end schematic
DDBMS for VLSI Design Environments

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Support / Maintenance / Updates

The technical assistance for software problem reports is not included in the standard license.

Licensees will be informed about updates and new versions. Updates are made available for free.

Application Environment

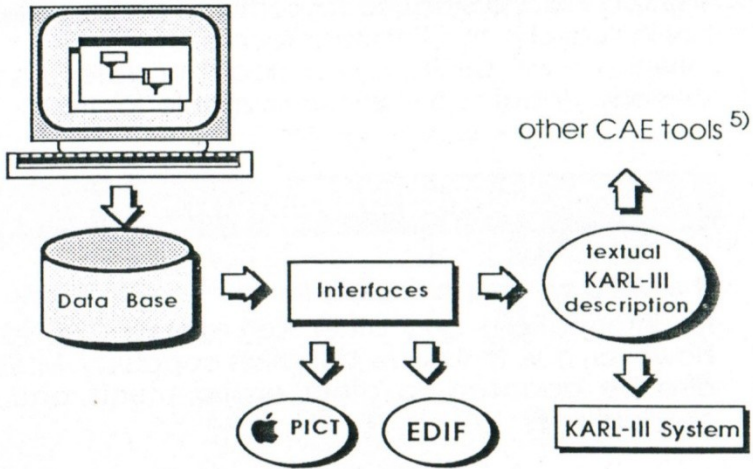
The MLED system particularly fits to the KARL-III system (ask for information) and other Karl-related CAE tools ⁵⁾. However, due to its view definition capability, MLED may also be adapted to other environments and other applications.

We are looking for partners

MLED may be adapted to a variety of different CAE tools and environments. We are looking for partners, who would like to use MLED in their own environment.

- 1) The KARL-III System and its language has been developed at Kaiserslautern University, Kaiserslautern, F.R.G.
- 2) PICT: Exchange format for APPLEs Macintosh (MacDraw, MacWrite,...)
- 3) EDIF: Interchange format for electronic design data and design information
- 4) A Blockdiagram Language: 3 level view (switching, gate and functional level)
- 5) KARATE, REX, SCIL, others (ask for info flyers), ask for list of KARL-related literature

Other Data Formats



Implementation Language, Availability

MLED is currently available for APOLLO workstations running AEGIS. The implementation language of MLED is PASCAL.

Product Packaging

The MLED system is delivered on DC 300 cartridge tape.

License

The standard license agreement allows the use of the MLED system on one CPU. Attractive Site license agreement is available upon request. Educational and non-profit research institutions will get a substantial discount.

About MLED

MLED (Multi Level graphics EDitor) is a new interactive graphics editor which handles multiple hierarchies of multiple-view schematics/layout presentations. RT level, gate level, switching level, circuit level, stick level and layout level are examples for views. The number of views is extensible by adding user-defined graphic objects.

The MLED structure model supports mixed-view representations; the mix of views is highly flexible under interactive manipulation by the user.

All abstraction levels and views are covered by a uniform user interface which makes MLED easy to use. A built-in window and menu/dialogue system enhances the editor's portability.

The interfaces, graphical and data base access, and the data format transformations allow an easy integration of tools.

Features

- multiple view electronic circuit/system editing
- other applications possible by user-defined views
- consistency checks and enforcement of structural consistency
- generates KARL-III ¹⁾ descriptions from RT, gate and switching level views.
- generates PICT ²⁾ and EDIF ³⁾ format files
- generates KARL hardware descriptions for ABL ⁴⁾ view