The Deeds (Digital Electronics Education and Design Suite): an educational tool for digital design

The learning environment

- Deeds is a learning environment based on three integrated simulators with good features and a simple user interface.
- Deeds is associated with a repository of learning material and application projects, available on the web.
- Deeds covers standard logic networks, finite state machines, microcomputer assembly programming and interfacing.
- Deeds is used in our and other universities as the basic tool for introductory courses of digital design.
- Deeds guides learners from simple gates circuits to the hardware/software foundations of embedded systems.

Examples of learning materials and projects

- Analysis and Synthesis of Combinational Circuits
- Analysis and Synthesis of Sequential Circuits
- Micro Computer programming and interfacing
- Introduction to Embedded Systems Design

References