FlowCAD

TRAINING

Bei dem hier beschriebenen Training handelt es sich um ein Cadence Standard Training. Sie erhalten eine Dokumentation in englischer Sprache. Die Trainingssprache ist deutsch, falls nicht anders angekündigt.

Course Title	**Allegro Design Entry SKILL Programming Language**
Course Category	**System Interconnect Design – Allegro & OrCAD**
Duration	**3 Days**

Course Description

In the Allegro® Design Entry HDL SKILL® Programming Language course, you learn to write useful commands and functions to customize and extend the functionality of the base Design Entry HDL tool set. The first part of the course introduces you to the core SKILL programming language in the Design Entry HDL tool. In the second and third parts, you use the SKILL programming language to write interactive and batch functions to access and manipulate the Design Entry HDL user interface and database.

Learning Objectives

After completing this course, you will be able to:

- Use the SKILL interpreter in the Design Entry HDL environment
- Control program flow
- Work with lists
- Access the Design Entry HDL database
- Interact with the user through the Design Entry HDL user interface
- Register new Design Entry HDL commands

Software Used in This Course

- Allegro Design Entry HDL L or
- Allegro Design Entry HDL XL or
- Allegro PCB Design HDL XL

Software Release(s)

- SPB165 or higher

Course Agenda

Note that this course can be tailored to better meet your needs – contact the Cadence training staff *for specifics.*

Day 1

- Summarize SKILL syntax and data types
- Build and manipulate lists
- Create user-defined functions
- Control program flow
- Read and write text files in the operating system

Day 2

- Read data from the Design Entry HDL database
- Create new elements in the Design Entry HDL database

Day 3

- Request keyboard input from the user
- Request mouse input from the user
- Create forms and menus
- Resister new Design Entry HDL commands

Audience

- This course is for CAD programmers, tool integrators, system administrators, and Design Entry HDL users who want to customize the Allegro Design Entry HDL environment.

Prerequisites

- Some programming experience is helpful, but not required.

Related Courses

- Allegro PCB Editor SKILL Programming Language v16.5