

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

Allegro Design Entry HDL SKILL Programming Language v16.01

Description

The Allegro® Design Entry HDL SKILL Programming Language course provides you with the basic knowledge required to begin writing useful commands and functions to customize and extend the functionality of the base Design Entry HDL tool set. The first part introduces you to the core SKILL programming language as it exists in the Design Entry HDL tool. The second and third parts teach you how to use the SKILL programming language to write interactive and batch functions that access and manipulate the Design Entry HDL user interface and database.

Learning Objectives

In this course, you learn 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
- Registering new Design Entry HDL commands

Software

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

Audience

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

Prerequisites

Some programming experience is helpful, but not required.

Course Agenda

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
- Register new Design Entry HDL commands