

DAIMLERCHRYSLER EMBEDDED SOFTWARE



Cost: \$850 Class Duration: 2 Days

Overview

This two-day training class is targeted at software engineers who will be working on integrating Vector-supplied DC CAN software (DCNET) into their application. The class will go over the functionality and the API of the DCNET software, as well as provide hands-on exercises to reinforce the principles taught.

Prerequisites

- Knowledge of C-Programming
- DaimlerChrysler Networking Strategy class

Class Outline

Overview of DC Software Components

- CANdb Message Database
- Generation Tool
- Software Component Functions
- Vector Tools in the Development Process

CAN Driver

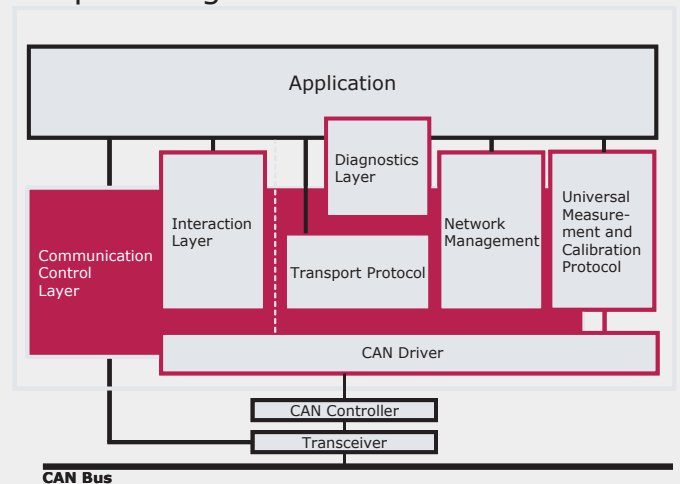
- CAN Driver Configuration
- Message Transmission & Reception

Implementation Overview

- Software Delivery
- Using the CANdb Editor
- Using the Generation Tool
- Compiling & Linking
- Running the Application
- Overview of CANalyzer/CANoe
- CAN Driver Exercises

Interaction Layer: DBKOM

- Container Signal
- Transmission of Signals
- DBComm Generation Tool



Transport Protocol/ Diagnostics

- Transport Protocol Tasks
- Addressing Schemes
- Transport Layer Configuration
- Implementing Diagnostic Services
- Diagnostics Exercises

Network Management

- Network Management Tasks
- Ring Message
- Configuration of Network Management
- Network Management States
- Network Management Exercises

Gateway

Communication Control Layer

Discussion



For more training information or to register,
call 248-449-9290 or email: Academy@Vector-CANtech.com