

# CANdbLib

## Programming Interface for Access to CAN Databases

CANdb++ is a data management system used to define and manage communication relationships in distributed electronic control unit (ECU) networks. For almost all motor vehicle producers their communication matrices are available in CANdb++ format.

### Features/Advantages

Vector is offering the CANdbLib tool so that providers of test systems can also realise the advantages of CANdb++. CANdbLib is a developer license packet consisting of the CANdb Editor, CANdbLib Class Library (DLL) and five run-time licenses. Licensing packages with additional run-time licenses can be obtained upon request.

### Functions

You can set up your own databases very quickly using the Windows dialogs of the CANdb Editor. The library provides functions as C++ Classes, which might for example deliver signals converted to physical values.

### Application Areas

CANdbLib allows measurement signals to be interpreted according to the description existing in the DBC file. This is helpful when creating converters, e.g. generating a DBC file from data that exist in another format – perhaps a company-specific format.

### Defining Information

All of the information relevant to a project is defined in CANdb++. For example, define precisely their bit position, bit count, physical

units and linear conversion formula. Also, one can describe the CAN messages, the signals transmitted in them.

### Integral Component

CANdb++ is an integral component of most of the Vector CAN tools. CANdb++ makes it possible to decode signals from CAN messages, convert them to physical measurement values and display them in a user-friendly manner.

### Product Components

- > CANdb Editor for Windows 3.1x/9x/NT4.0
- > Windows 3.1x/9x (16 bit) C++ Class Library for Borland C++ 4.52
- > Windows 9x/NT4.0/2000 (32 bit) C++ Class Library for Borland C++ 5.02
- > Windows 9x/NT4.0/2000 (32 bit) C++ Class Library for Microsoft Visual C++ 5.0
- > Windows 9x/NT4.0/2000 (32 bit) C++ Class Library for Microsoft Visual C++ 6.0
- > 5 run-time licenses

