

COBview

CANopen Object View



Easy Setup of CANopen Nodes

- Effective tool for analysis and diagnostics of CANopen nodes
- Detection and display of CANopen devices in a CANopen network
- Basic CANopen NMT functionality
- Object dictionary read/write access

Simple Access to Object Dictionaries

- List CANopen objects with all subindices
- Object data interpretation without EDS files

Free of Charge

- Part of the esd software development kit (SDK)
- Operational with all esd CAN hardware interfaces

Test and Manage

The COBview tool gives an overview of a CANopen network and allows changing of device parameters and network states for test purposes.

CANopen Dictionary

Quick and easy access to CANopen device dictionaries. Objects are read by index and displayed in a list with all subindices. The data interpretation is generic in multiple formats without the need to load EDS files. Write access is also supported.

Dictionary Scan

Complete or partial scanning for objects in a device dictionary.

Bus Scan

With a bus scan all devices present on the bus are listed.

NMT Support

COBview has a basic NMT (network management) functionality (start node, preoperational, reset, stop) included.

COBview - CANopen Object Viewer

CAN

Net: 0 Exit

Baud: 1000 kBit/s Save list...

Module

No: 2 All (NMT) Find Modules...

Network Management (NMT)

Start Preop Reset Comm Stop

Index (Hex): 1018 Identity object

1018 up down Read Write... Scan Type: UNSIGNED32 Struct: (gen)

sub	size	Hex	long unsigned	long signed	hi uns	low uns	hi sig	low sig	FLOAT	Visible String\$
0:	1	00000004	4	4	0	4	0	4	.	
1:	4	00000023	35	35	0	35	0	35	0.000000	#
2:	4	756E614D	1970168141	1970168141						
3:	4	00000001	1	1						
4:	4	41440032	1094975538	1094975538						

Write Object

Index: 1018 Type: UNSIGNED32 Close

Sub: 2 Value: 0x756E614D Write

Result: UNCHANGED

Technical Specifications:

Order Information:

Included in CAN SDK