



CANrepro

Replay of Pre-recorded CAN Messages

Rollback your CAN Messages

- Data is reproduced with original sequences in time
- Selection of individual CAN IDs

Simulation of CAN Devices

- Replay of pre-recorded CAN data simulates absent CAN devices

Free of Charge

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

Replay of CAN Data

CANrepro is used to play back CAN data previously recorded by CANreal in their chronological order and time on the CAN bus.

Due to the reproduction of CAN data it is possible to easily and realistically simulate the data flow on a CAN bus network.

User Friendly Interface

CANrepro provides the user with easy operation due to the clear and an self explaining interface.

Restrictions

The timing resolution is restricted to the Windows OS timer resolution.

The screenshot shows the CANrepro software window. At the top, there are menu options 'Project' and 'Help'. Below is a table of CAN messages with columns for ID (Hex/Dec), Count (Cnt), Retransmission (RTR), and lengths (Len 0-8). Below the table are playback controls: 'Net:' (0: CAN_PCI200), 'Baudrate [kBit/s]:' (1000.0), 'Next Frame: 6988 ms', 'Pause' button, a progress bar at 12%, 'Frame No: 6/49', and a 'Stop' button. The ESD logo is in the bottom right of the interface. At the very bottom, it shows 'Prj:' and 'Data: C:/Users/mh/crdemo.txt' with a 'RUN' button.

	Id [Hex]	Id [Dec]		Cnt	RTR	Len 0	Len 1	Len 2	Len 3	Len 4	Len 5	Len 6	Len 7	Len 8
1	0x000	0	<input checked="" type="checkbox"/>	5	0	5	0	0	0	0	0	0	0	0
2	0x00C	12	<input checked="" type="checkbox"/>	7	0	0	0	7	0	0	0	0	0	0
3	0x221	545	<input checked="" type="checkbox"/>	7	0	0	0	0	0	0	0	0	0	7
4	0x222	546	<input checked="" type="checkbox"/>	7	0	0	0	7	0	0	0	0	0	0
5	0x223	547	<input checked="" type="checkbox"/>	7	0	0	0	0	0	7	0	0	0	0
6	0x224	548	<input checked="" type="checkbox"/>	7	0	0	0	7	0	0	0	0	0	0
7	0x225	549	<input checked="" type="checkbox"/>	7	0	0	7	0	0	0	0	0	0	0
8	EVENT	0	<input type="checkbox"/>	1	0	0	0	0	0	0	0	1	0	0
9	EVENT	1	<input type="checkbox"/>	1	0	0	0	0	0	0	0	0	0	1

Technical Specifications:

Order Information:

Included in CAN SDK