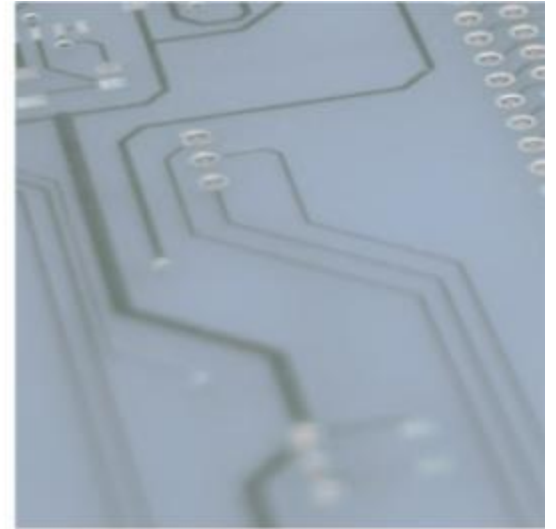
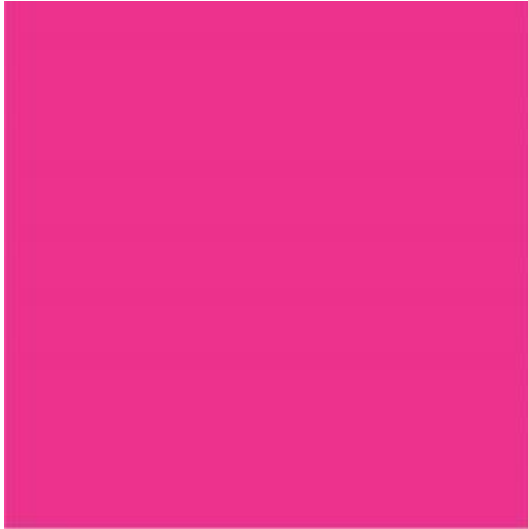


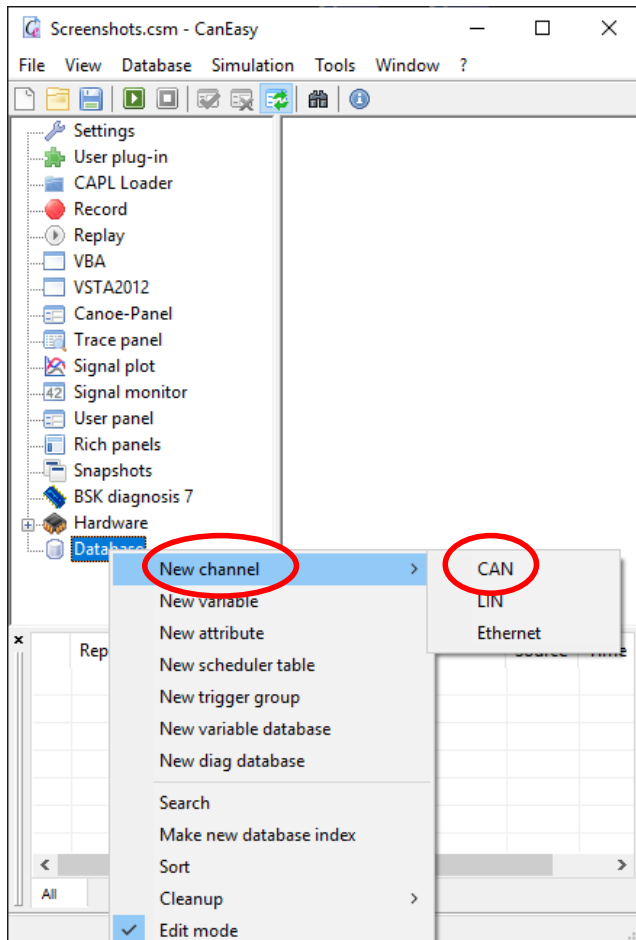
CanEasy – First steps



First steps – Basics

- CanEasy can be used directly
- Only a few steps are necessary
 - Create a database channel
 - Connect your bus adapter
 - Start the simulation

First steps – Create a channel



- You can create a new channel via the database context menu

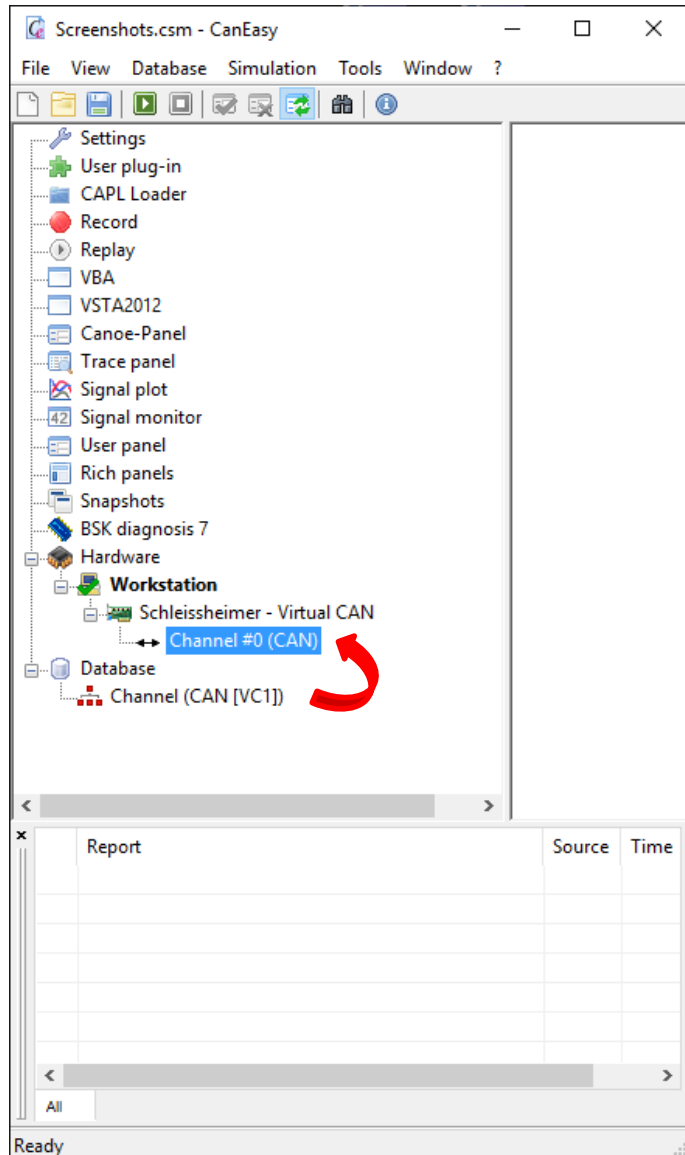
Database

→ *New channel*

→ *CAN*

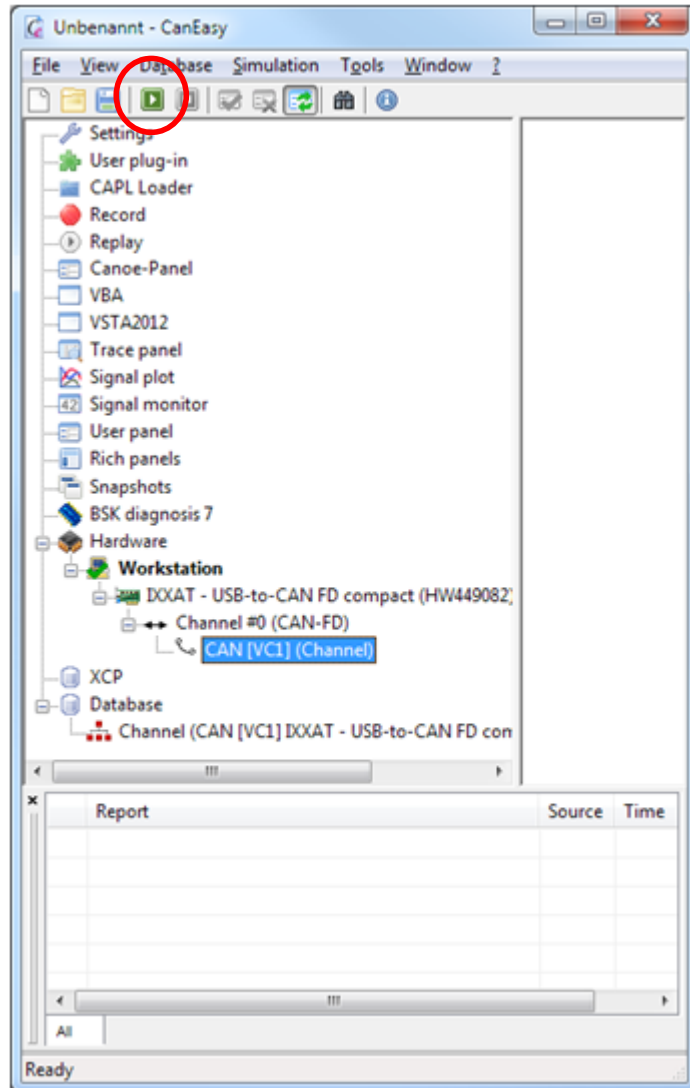
- Or directly import your communication matrix

First steps – Connect bus adapter



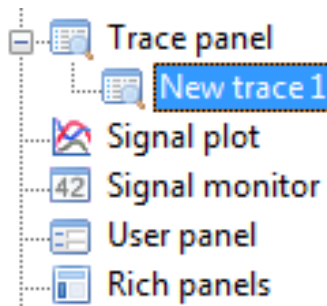
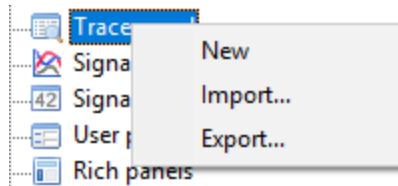
- Connect the database channel via Drag & Drop with the hardware channel

Start simulation

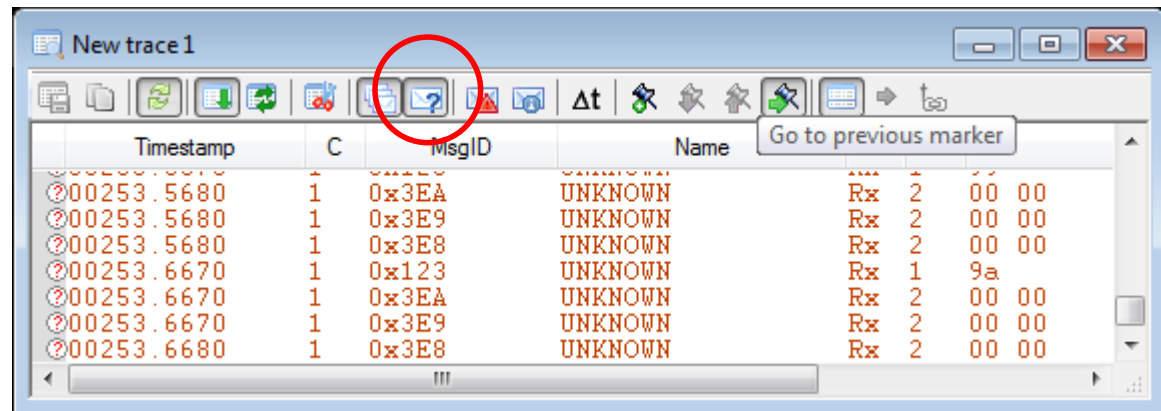


- Start the simulation to initialize your bus adapter
- After simulation start CAN frames can be sent and received

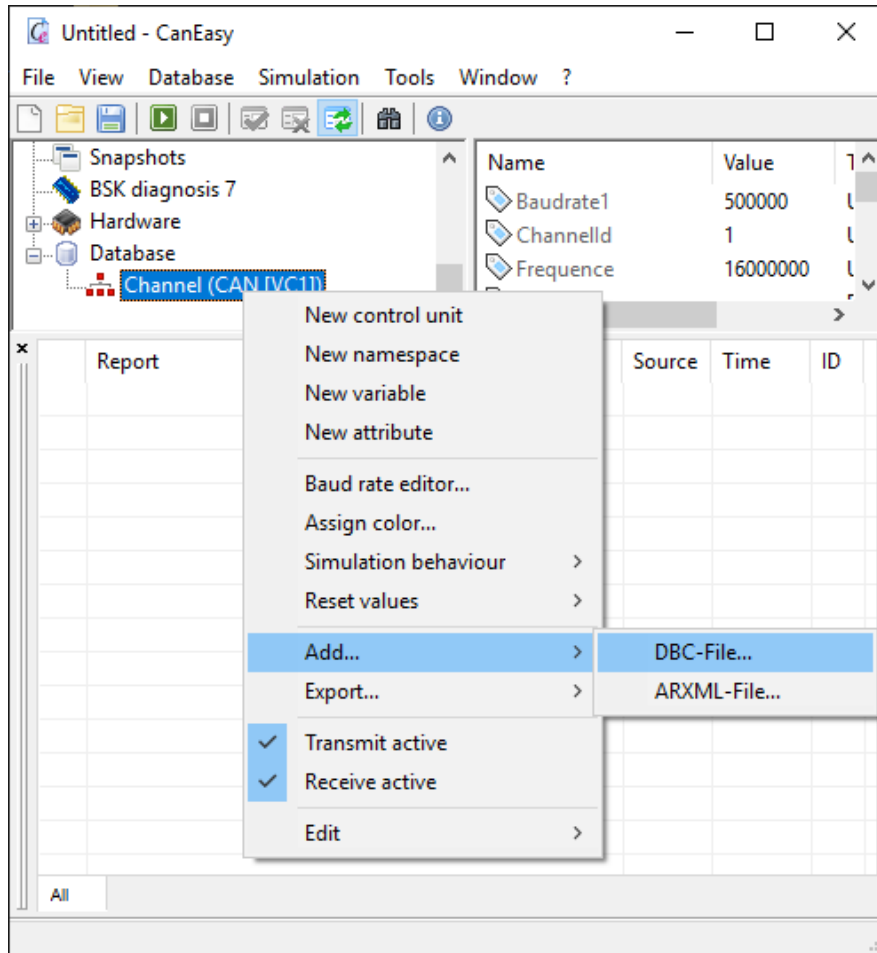
Create Trace panel



- Create a new trace via the context menu of the "Trace panel"
- Using a trace you can see whether messages are sent or received on the bus
- To see unknown messages you need to activate this in the toolbar

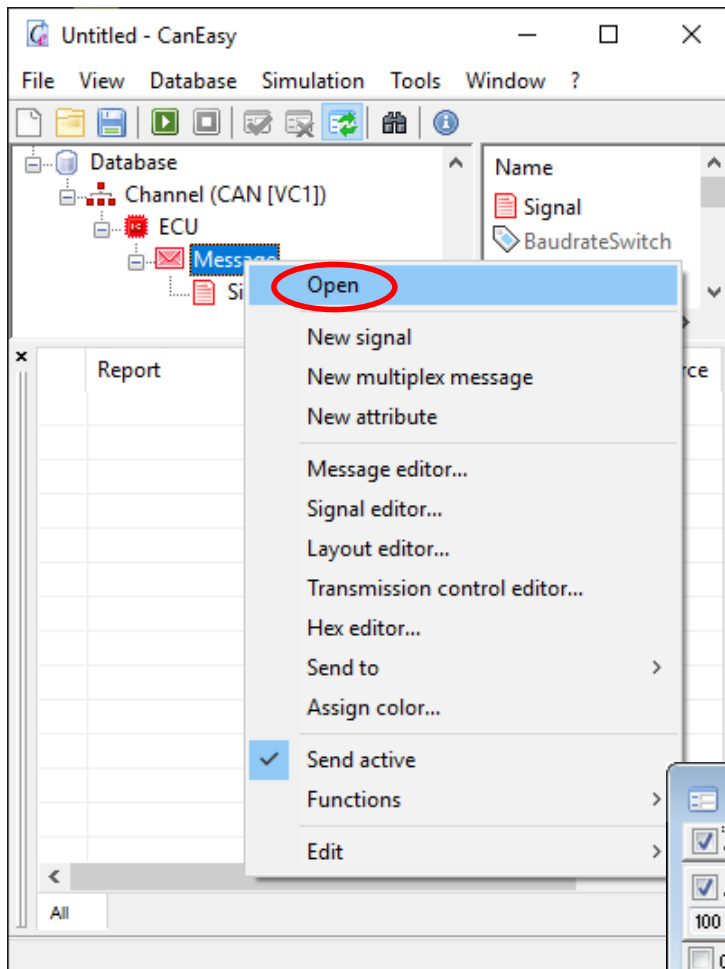


Import communication matrix

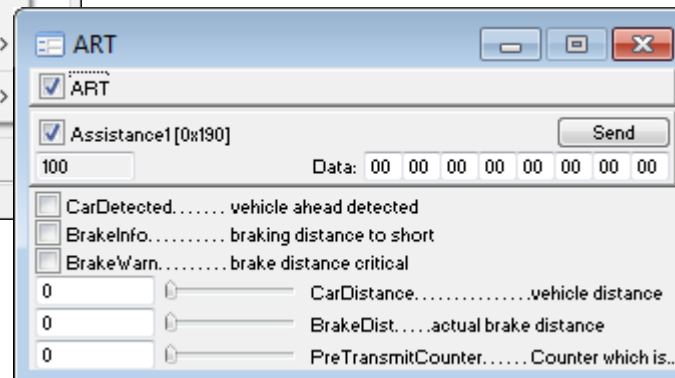


- To get the interpretation of the received message simply import the communication matrix into the database channel
- Select *ADD* → *DBC file* from channels context menu

First steps – Open CanPanel



- Start simulation
- To change signal values, you can open CanPanels with a double click or via the context menu
- CanPanels can be opened for a complete ECU or single messages



First steps – Change signals

The screenshot shows a CAN bus trace window titled 'New trace 1' with a table of messages. A green circle highlights a change in the data field of a message. Below the trace, a dialog box titled 'ART' is open, showing a list of signals. A green circle highlights the 'CarDistance' signal, which is currently set to 66.

Timestamp	C	MsgID	Name	Rx	D	Data 0..7
00103.2250	1	0x190	Assistance1	Tx	8	00 00 00 00 00 00 00 00 Car
00103.3250	1	0x190	Assistance1	Tx	8	00 00 00 00 00 00 00 00 Car
00103.4250	1	0x190	Assistance1	Tx	8	00 00 00 00 00 00 00 00 Car
00103.5250	1	0x190	Assistance1	Tx	8	00 00 00 00 00 00 00 00 Car
00103.6250	1	0x190	Assistance1	Tx	8	00 00 00 00 00 00 00 00 Car
00103.7250	1	0x190	Assistance1	Tx	8	00 00 00 00 00 00 00 00 Car
00103.8250	1	0x190	Assistance1	Tx	8	00 00 00 00 00 00 00 00 Car
00103.9250	1	0x190	Assistance1	Tx	8	00 00 00 00 00 00 00 00 Car
00104.0250	1	0x190	Assistance1	Tx	8	00 00 00 00 00 00 00 00 Car
00104.1250	1	0x190	Assistance1	Tx	8	00 00 00 00 00 00 00 00 Car
00104.2250	1	0x190	Assistance1	Tx	8	00 00 00 00 00 00 00 00 Car
00104.3250	1	0x190	Assistance1	Tx	8	00 00 00 00 00 00 00 00 Car
00104.4250	1	0x190	Assistance1	Tx	8	00 00 00 00 00 00 00 00 Car
00104.5250	1	0x190	Assistance1	Tx	8	00 00 00 22 00 00 00 00 Car
00104.6250	1	0x190	Assistance1	Tx	8	00 00 00 42 00 00 00 00 Car
00104.7250	1	0x190	Assistance1	Tx	8	00 00 00 42 00 00 00 00 Car
00104.8250	1	0x190	Assistance1	Tx	8	00 00 00 42 00 00 00 00 Car
00104.9250	1	0x190	Assistance1	Tx	8	00 00 00 42 00 00 00 00 Car
00105.0250	1	0x190	Assistance1	Tx	8	00 00 00 42 00 00 00 00 Car
00105.1250	1	0x190	Assistance1	Tx	8	00 00 00 42 00 00 00 00 Car
00105.2250	1	0x190	Assistance1	Tx	8	00 00 00 00 00 00 00 00 Car
00105.3250	1	0x190	Assistance1	Tx	8	00 00 00 00 00 00 00 00 Car
00105.4250	1	0x190	Assistance1	Tx	8	00 00 00 00 00 00 00 00 Car

ART

☒ ART

☒ Assistance1 [0x190] Send

100 Data: 00 00 00 42 00 00 00 00

☐ CarDetected..... vehicle ahead detected

☐ BrakeInfo..... braking distance to short

☐ BrakeWarn..... brake distance critical

66 CarDistance..... vehicle distance

0 BrakeDist..... actual brake distance

- When changing the signal value in the CanPanel, you can see the change in the trace panel

Thank you for your attention!
