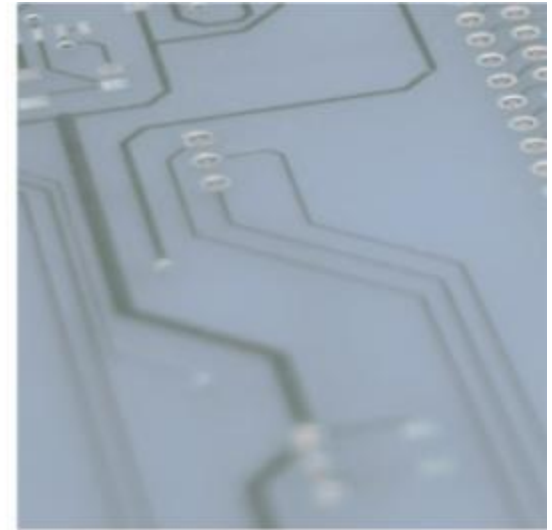
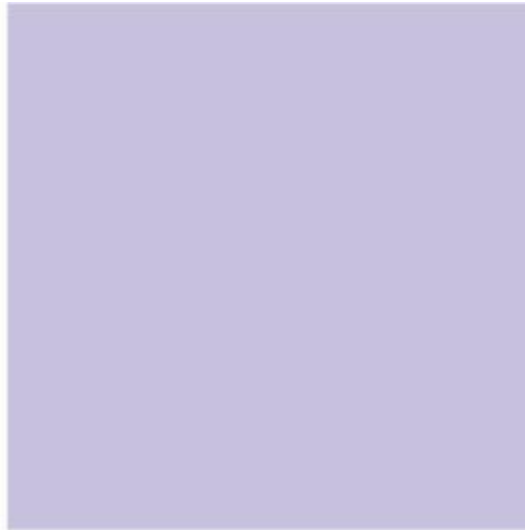
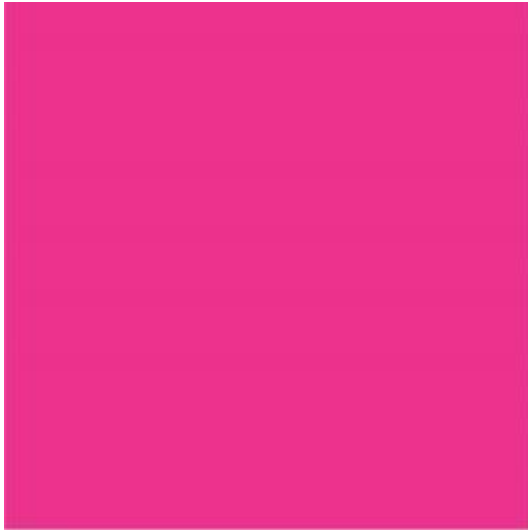


# Create a workspace



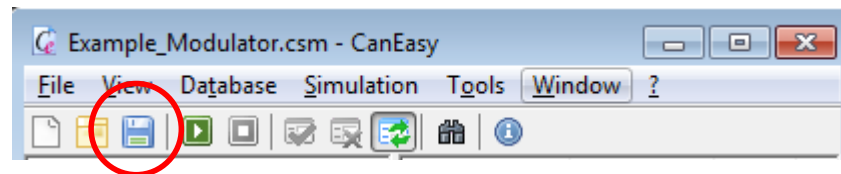
- What is a workspace
- Which information is stored
- Import and Export
- Import of communication matrix
- Supported file formats
- Adjustment of simulation behavior  
[Setup real control units]
- Load required user plug-ins
- Automate import with configuration file

# What is a workspace

- A workspace is some binary file which is used by CanEasy to save and load it's data.
- File extension \*.csm

# Which information is stored

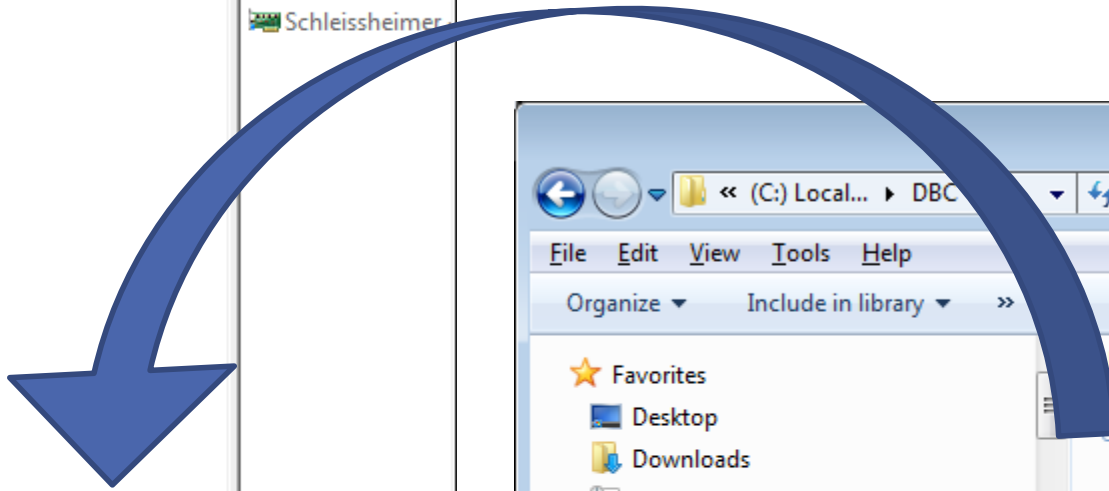
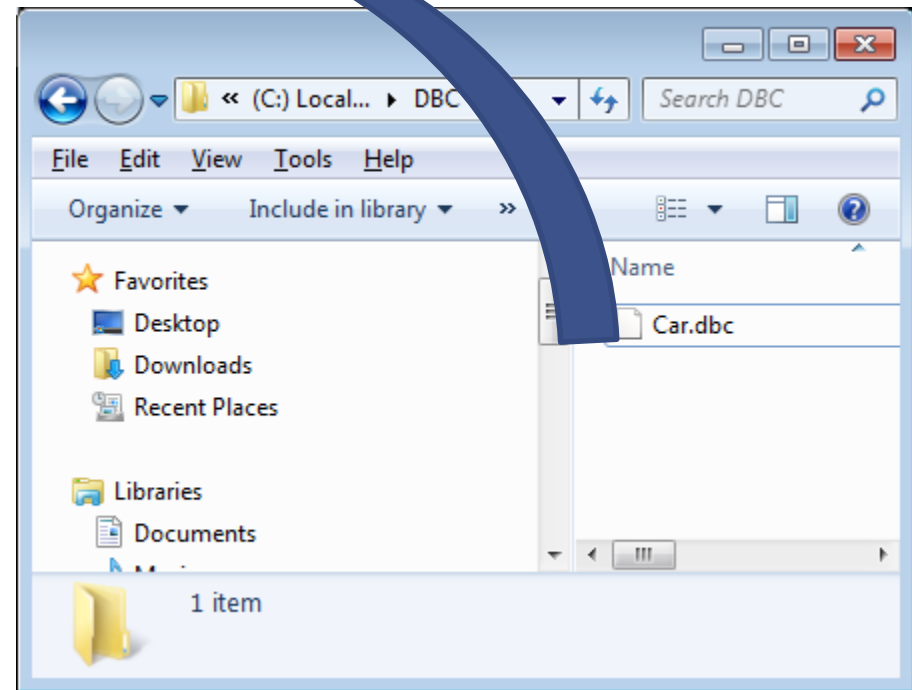
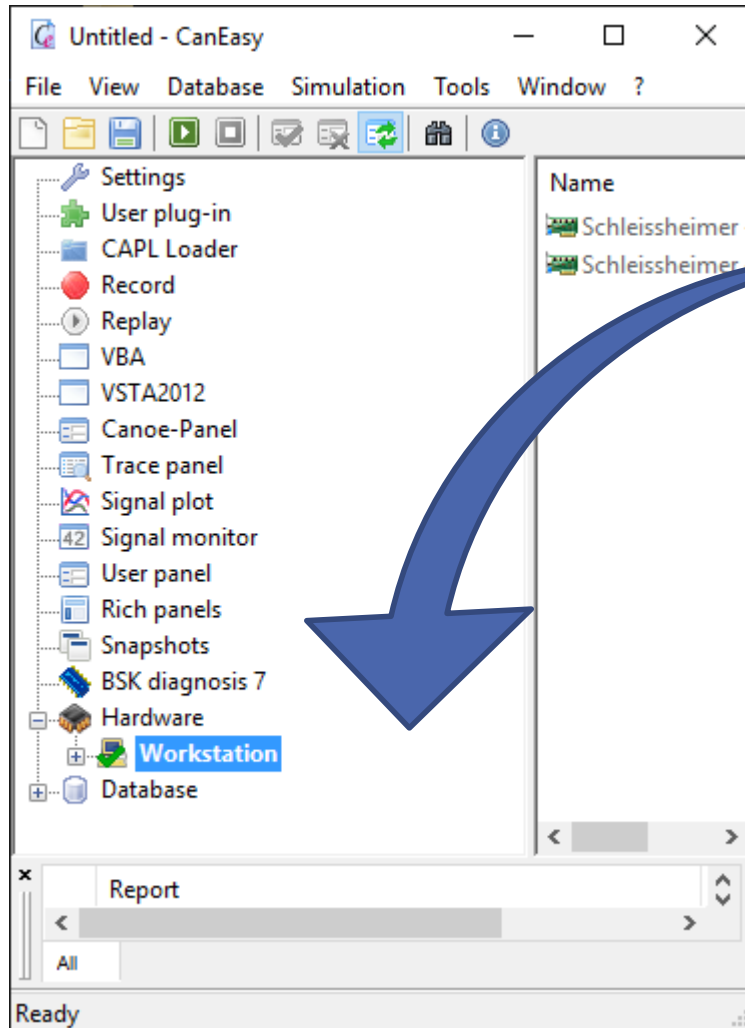
- CanEasy stores all data in the workspace
- This lets you share a workspace by just copying the csm file
- The workspace is saved via the menu *File* → *Save* or by clicking on the floppy disc icon in the toolbar.



- Configurations of core applications can also be exported (and imported) to an external file
  - Trace window (\*.trc)
  - Signal plot (\*.pltx)
  - Signal monitor (\*.smo)
  - User panel (\*.pnl)
  - Rich panel (\*.spd)
  - VBA (\*.vba)
  - VSTA (\*.vstap)
  - ...

# Import of communication matrix

- To import communication matrix (e.g. DBC file) just Drag & Drop the file from the Windows Explorer



# Supported file formats

CanEasy internal formats		other formats	
*.csm	Workspace	*.dbc	Communication matrix
*.trc	Trace window	*arxml	Autosar XML
*.pnl	User panel	*.asc	Recording
*.plu	User plug-in	*.ldf	LIN network file
*.alm	Alarm	*.ncf	LIN nodes file
*.celog	Recording		
*.pltx	Signal plot		
*.ceconfig	CanEasy configuration		
*.cdb	Database binary		
*.xml	Database XML file		
*.spd`	Rich panel		
*.vba	VBA project		
*.vstap	VSTA project		

# Adjustment of simulation behavior

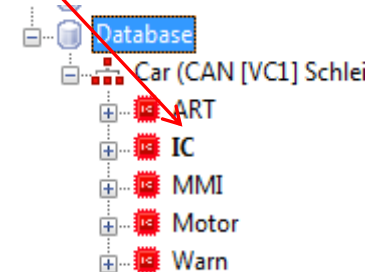
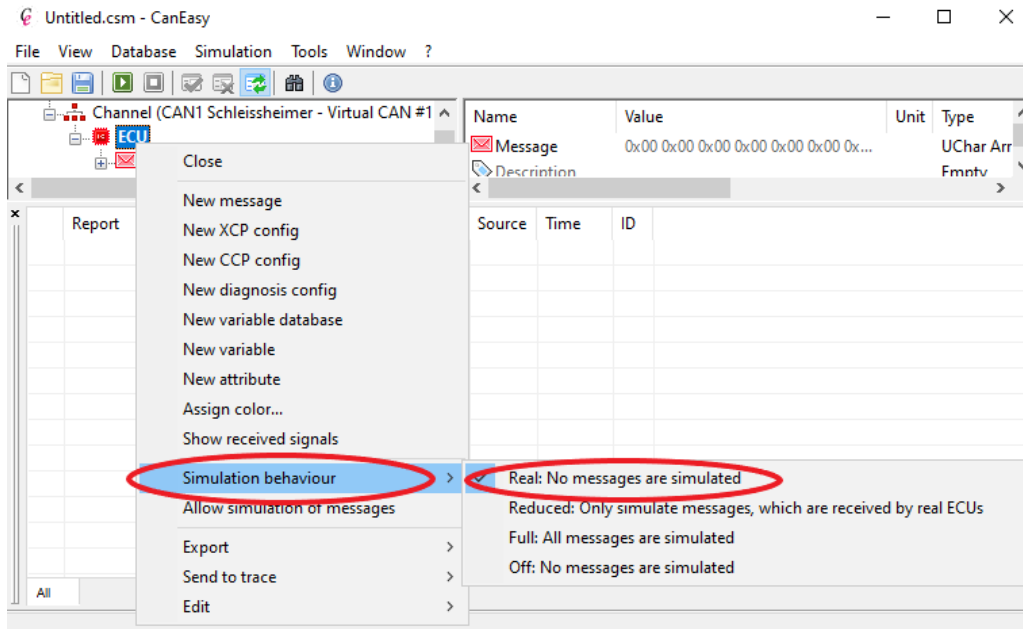
- The simulation behavior of every control unit can be configured via the context menu  
“Simulation behavior”
- The following modes are available:

Mode	Description
OFF	No messages are simulated
Reduced	Only messages directed to a real ECU are simulated
Full	All messages are simulated
Real	No messages are simulated

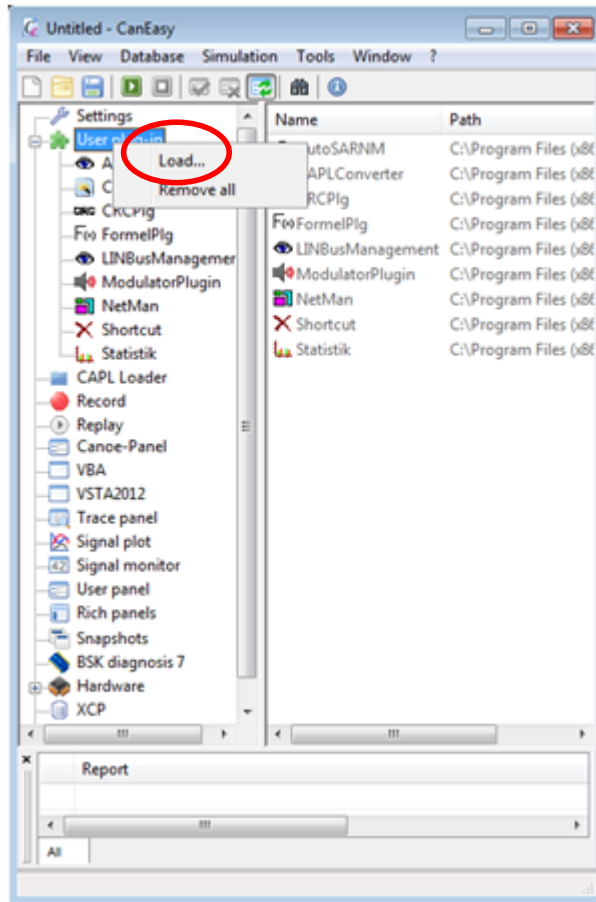


- In order to operate a network with real control units, you have to set which control units are real and which are simulated.

Real control units are highlighted in bold letters

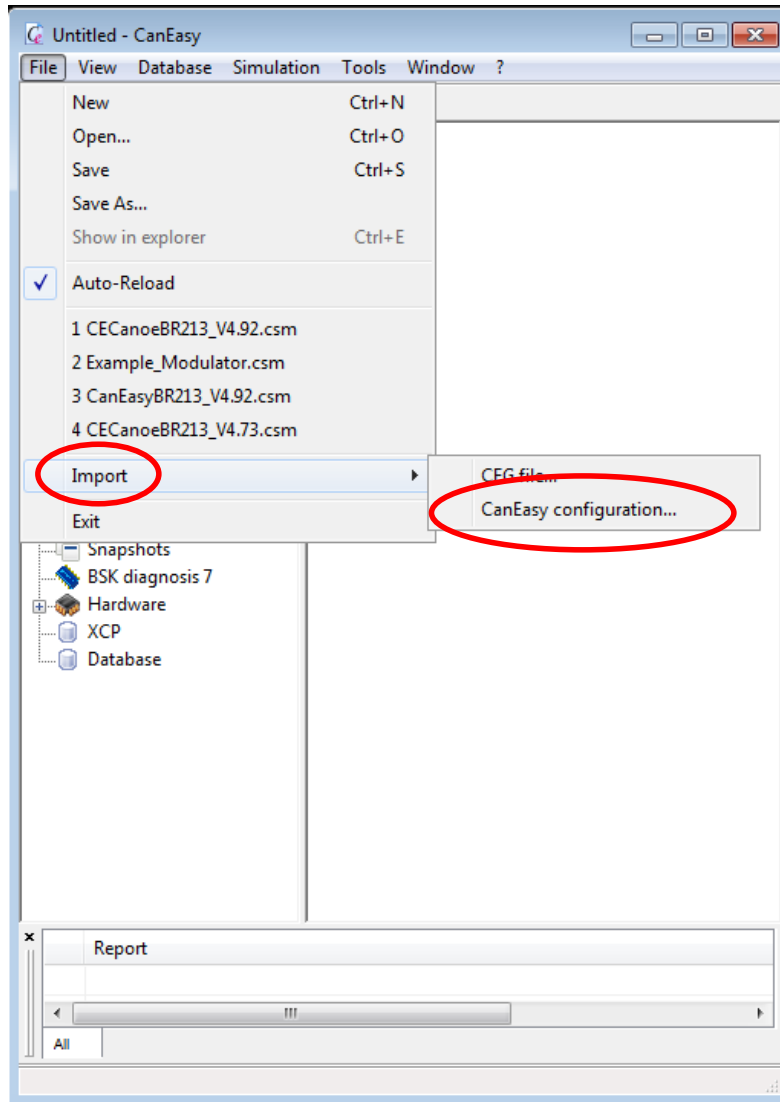


# Load required user plug-ins



- User plug-ins are located in the folder "User-Plugins" within the CanEasy installation directory
- There are several user plug-ins available for CanEasy

# Automate import via configuration file



- Content of a CanEasy configuration file:
  - Busses / DBC files
  - Signal values
  - Attributes
  - Environment variable values
  - VBA projects
  - BSKD projects
  - User plug-ins
  - General properties
- Each configuration section is independent and optional

Thank you for your attention!

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