

COMBIVIS Studio HMI 4.0



Lesson 2

First project



You will learn in this lesson...

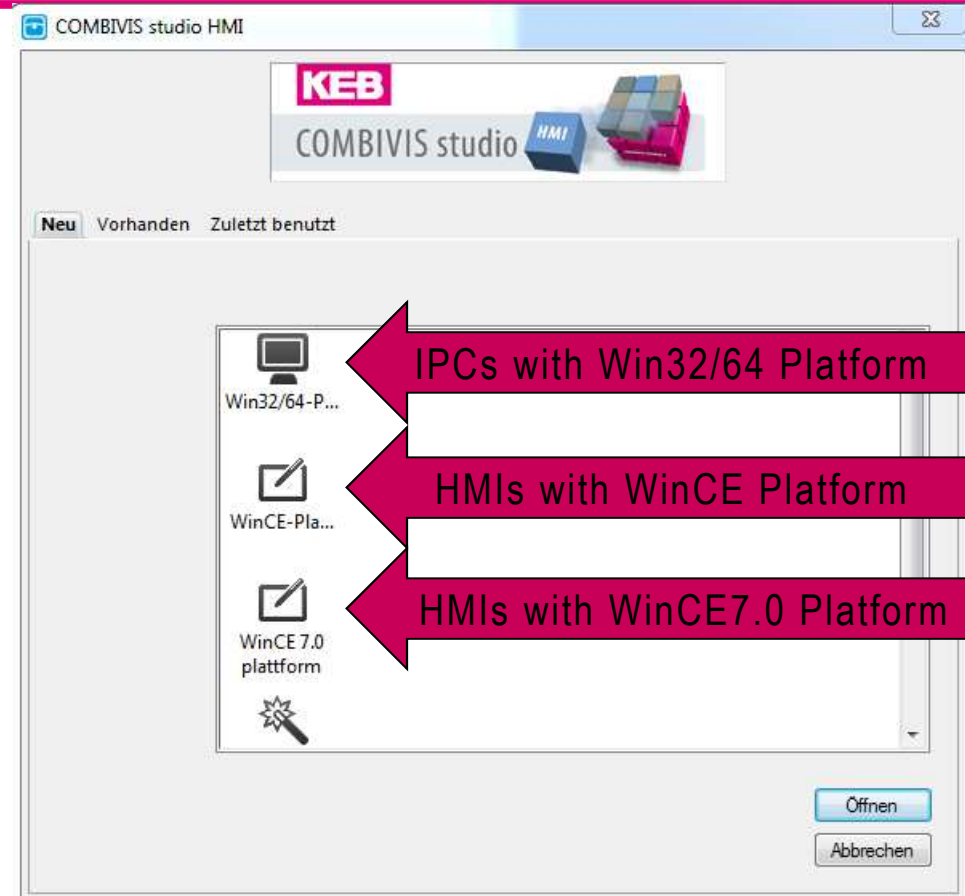
Goal:

- Creating a new project
- Structure of the programming environment
- Configure the programming environment

Creating a COMBIVIS HMI project



- Start the Project-wizard with a click on File > New...
- Choose your target-system:
 - Win32/64-Plattform for WindowsXP 32- or 64 Bit systems (IPCS: ECON / PERFORM / E22 / P30)
 - WinCe- Plattform for WindowsCe 6.0 or lower
 - WinCe 7.0 Plattform(HMIs /LC & Router)
 - Empty Project = Empty project without License-settings
 - Template Project = Template for creating new projects



Creating a COMBIVIS HMI project



- Add the Project-name, target path and license-type (Basic / Pro / Advanced)
- It's possible to crypt the whole project

Project Name

Please, enter the name and the path where your project will be saved

Name: HmiTraining

Folder: C:\Users\biermann\Desktop\TEMP\HmiTraining

License: Advanced

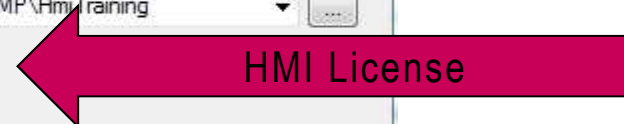
☐ Crypt Core Project file

☐ Crypt all Project Resource files

☐ Compress all the files

☒ Encode using Unicode UTF-16

< Zurück Weiter > Abbrechen Hilfe



HMI License



Creating a COMBIVIS HMI project



- Don't add communication-driver, alarms and datalogger at the beginning
- Choose the display resolution of the target system
- Deactivate adding of screen-captions and navigation-bar (These will be created in the trainee manually)
- Deactivate all templates of datalogger and alarms, so you can create an empty project

☐ Password Protected Project

Developer Name: <Enter project developer name here>

Developer Password:

re-type Developer Password:

☐ Enable Password Mng

☒ Create Default User Groups

☐ Create Users from Windows Name

☐ Enable Runtime Users changes

☐ Enable Windows User Login

☐ Enable CFR21-Part 11 Settings

<Enter Server Name here>

List Available Comm. Drivers

- 3S
- Applicom
- BACnet
- Beckhoff
- B&R
- CANopen
- ELAP
- Fatek
- GE-Fanuc
- Hilscher

Comm. Driver Properties

Property	Value

☐ No. of Screens to create: 10

☐ Add Screen Caption

☐ Add Screen Navigation Bar

Default Screen Width: 800

Default Screen Height: 600

Default Color: [dropdown]

☐ Create Data Logger Template 5 Sec.

☐ Create Data Logger Template 10 Sec.

☐ Create Data Logger Template 30 Sec.

☐ Create Data Logger Template 1 Min.

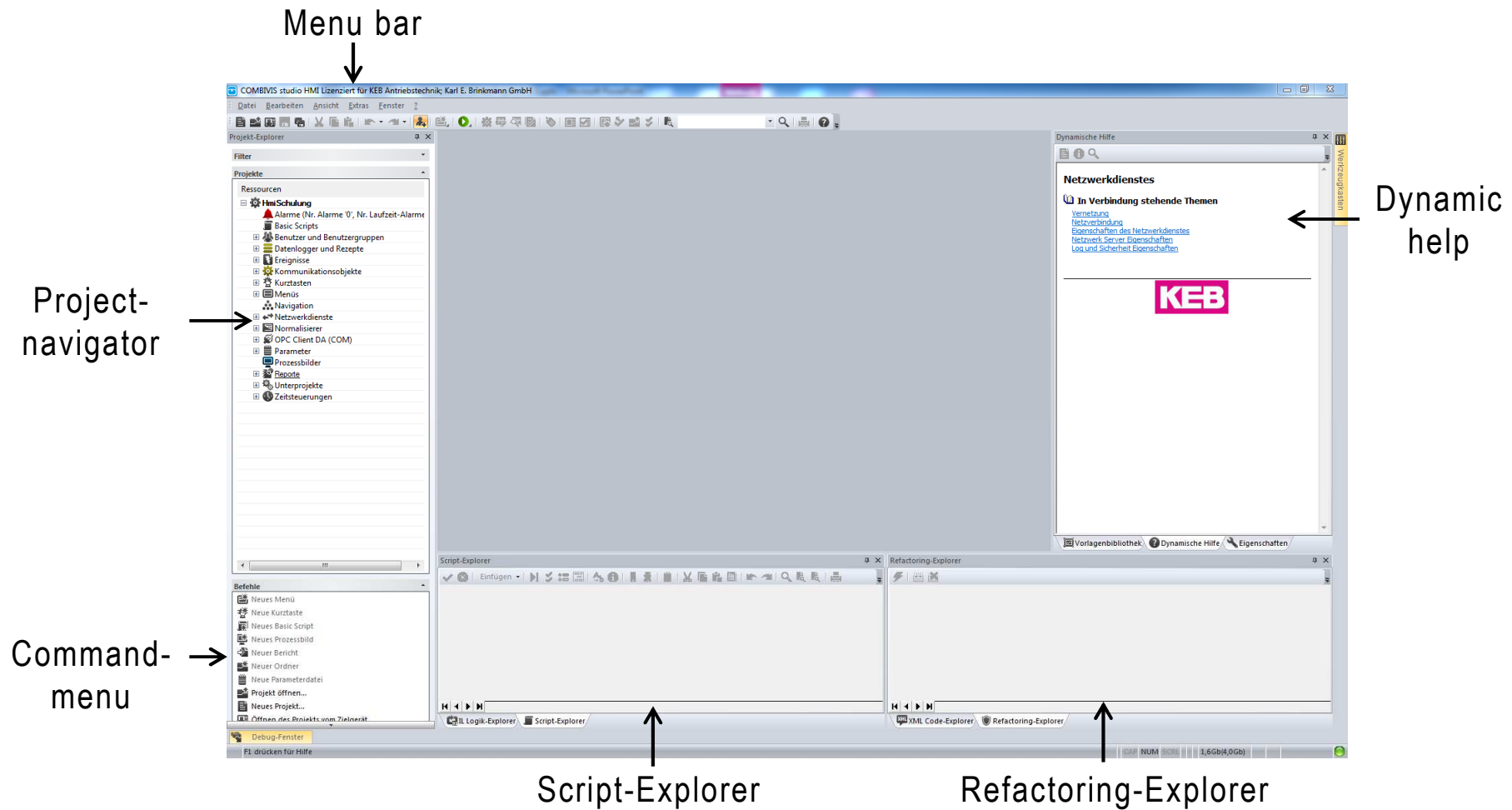
☐ Create Data Logger Template 10 Min.

☐ Create Digital Alarm Template

☐ Create Analog Alarm Template



Result:

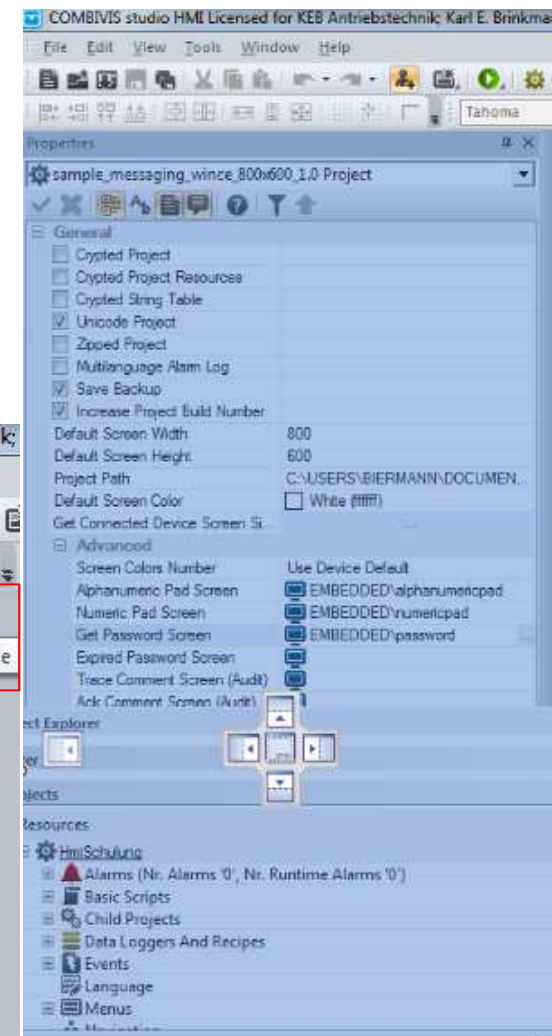


Configure the programming environment



- The programming environment is customizable
- The windows can be connected to all screen-sides

- Automatic hiding of screen for enlarging the working-area



Practice



Create a new HMI project with following setting:

- Name: HmiTraining
- License: fitting to the used device

Advanced

Basic



- No driver, datalogger, screens or alarms
- Create your own structure of the programming environment



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✓ Lesson 2

..go on with lesson 3 – First objects

