

CODESYS 自动化应用工程师进阶训练营 (五)

-CODESYS 软件开发环境 (IDE) 功能介绍(一)



CODESYS 打开

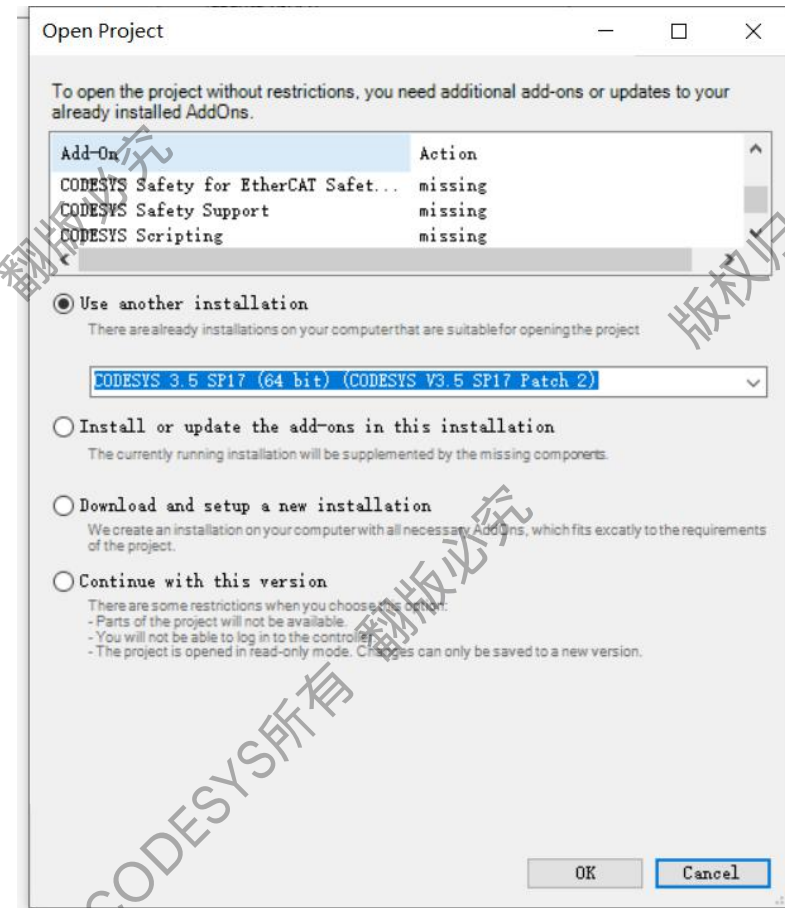
Codesys可以通过添加不同的add-on（插件），形成不同的版本。

Use another installation
使用其它的**Codesys**版本

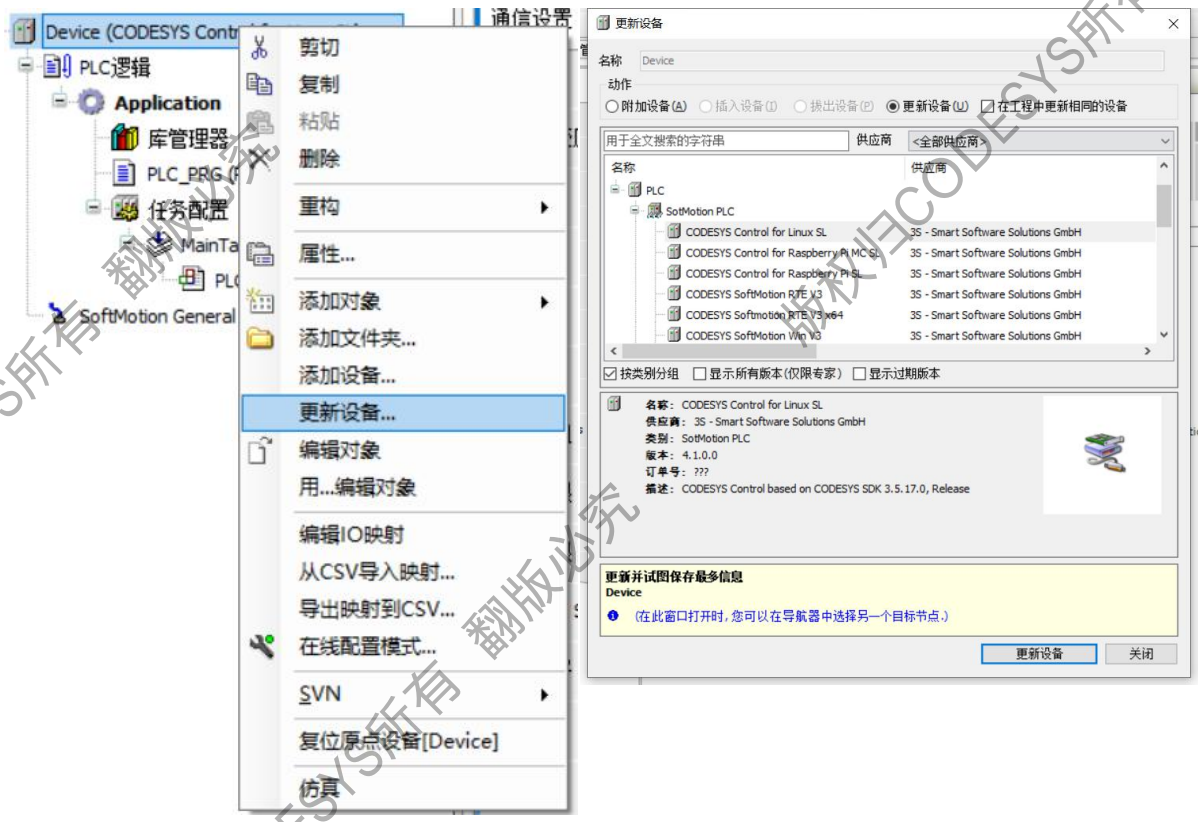
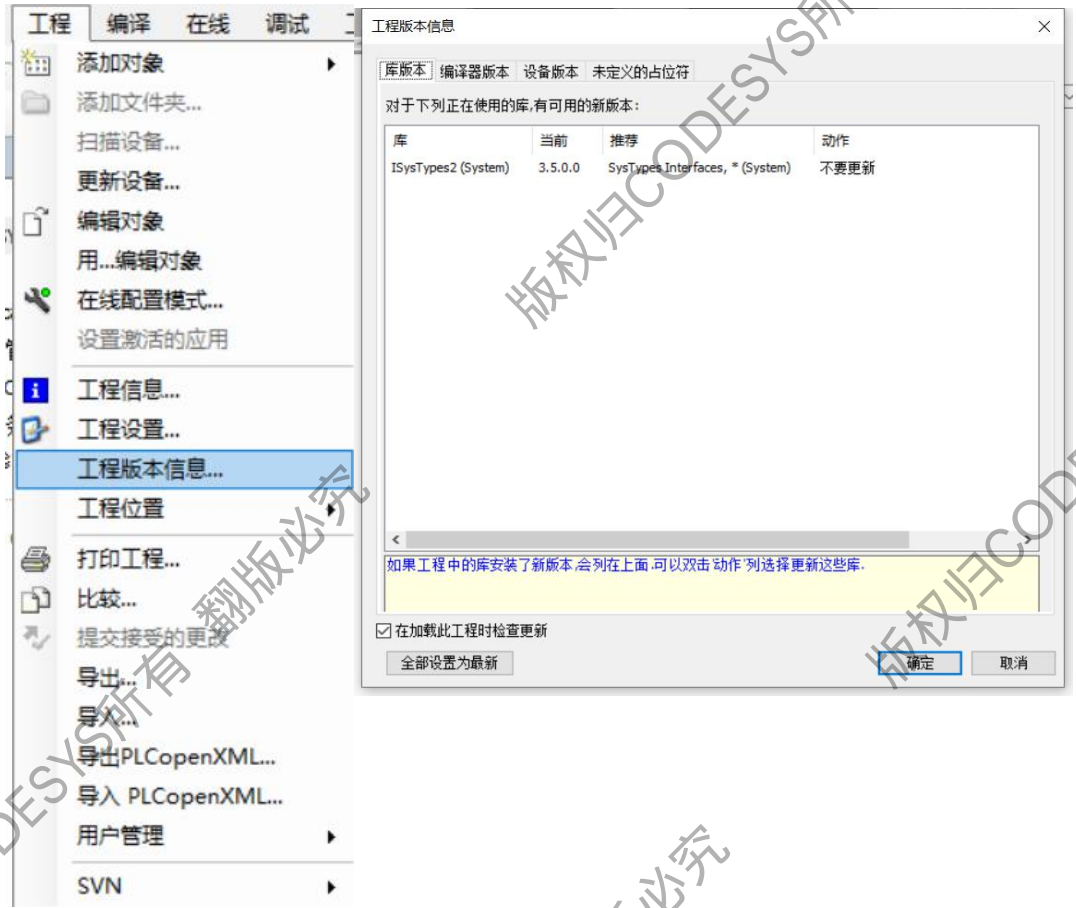
Install or update the add-ons in this installation
安装/更新插件到当前**Codesys**版本

Download and setup a new installation
下载和安装一个新的**Codesys**版本

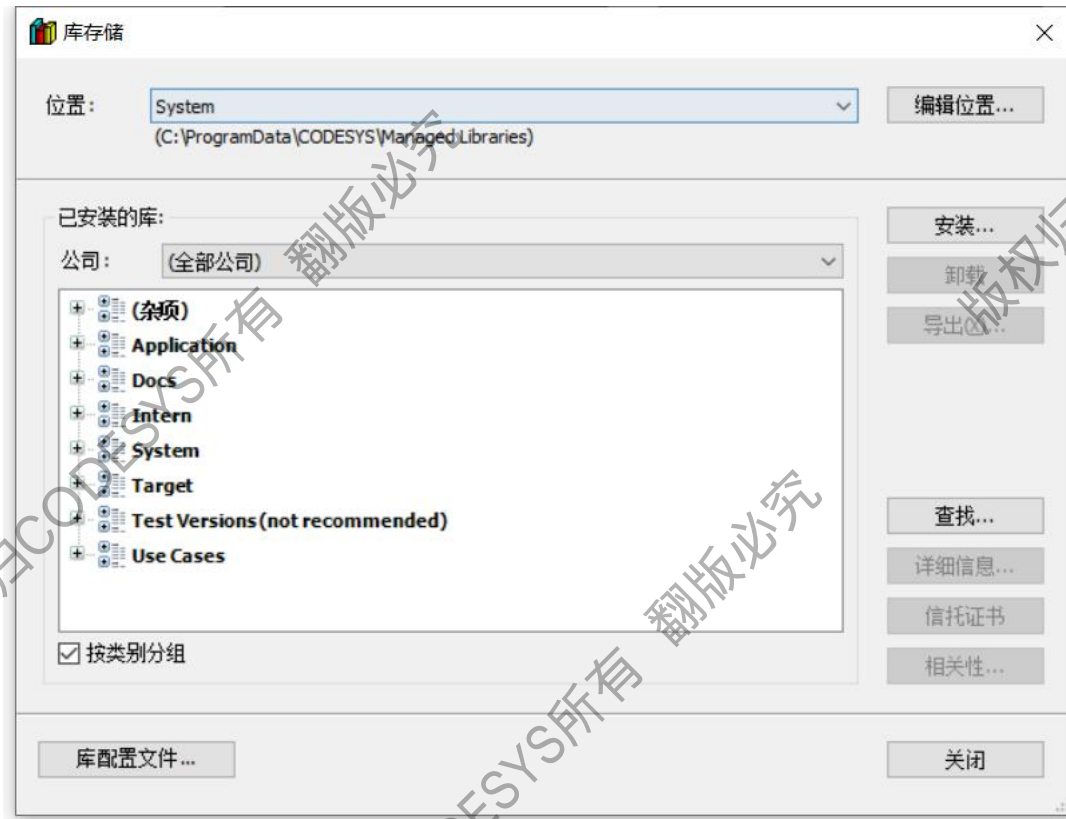
Continue with this version
继续使用当前版本



CODESYS 更新切换



CODESYS 库管理



CODESYS 库管理

The screenshot shows the '库管理器' (Library Manager) window. It features a tree view on the left and a table on the right. The table lists various libraries with their names, namespaces, and versions.

名称	命名空间	有效的版本
3SLicense = 3SLicense, 3.5.17.0 (3S - Smart Software Solutions GmbH)	_3S_LICENSE	3.5.17.0
BreakpointLogging = Breakpoint Logging Functions, 3.5.17.0 (3S - Smart Software Solutions GmbH)	BPLog	3.5.17.0
CAA Device Diagnosis = CAA Device Diagnosis, 3.5.17.0 (CAA Technical Workgroup)	DED	3.5.17.0
IoStandard = IoStandard, 3.5.17.0 (System)	IoStandard	3.5.17.0
ISysTypes2, 3.5.0.0 (System)	ISysTypes2	3.5.0.0
SM3_Basic = SM3_Basic, 3.5.8.0 (3S - Smart Software Solutions GmbH)	SM3_Basic	3.5.8.0
SM3_CNC = SM3_CNC, 3.5.8.0 (3S - Smart Software Solutions GmbH)	SM3_CNC	3.5.8.0
SM3_Robotics = (未解析)	SM3_Robotics	
SM3_Robotics_Visu = (未解析)	SM3_Robotics_Visu	
SM3_Transformation = (未解析)	TRAFO	
Standard = Standard, 3.5.17.0 (System)	Standard	3.5.17.0
SysSocket Implementation, 3.5.17.0 (System)	SysSocket_Implementation	3.5.17.0

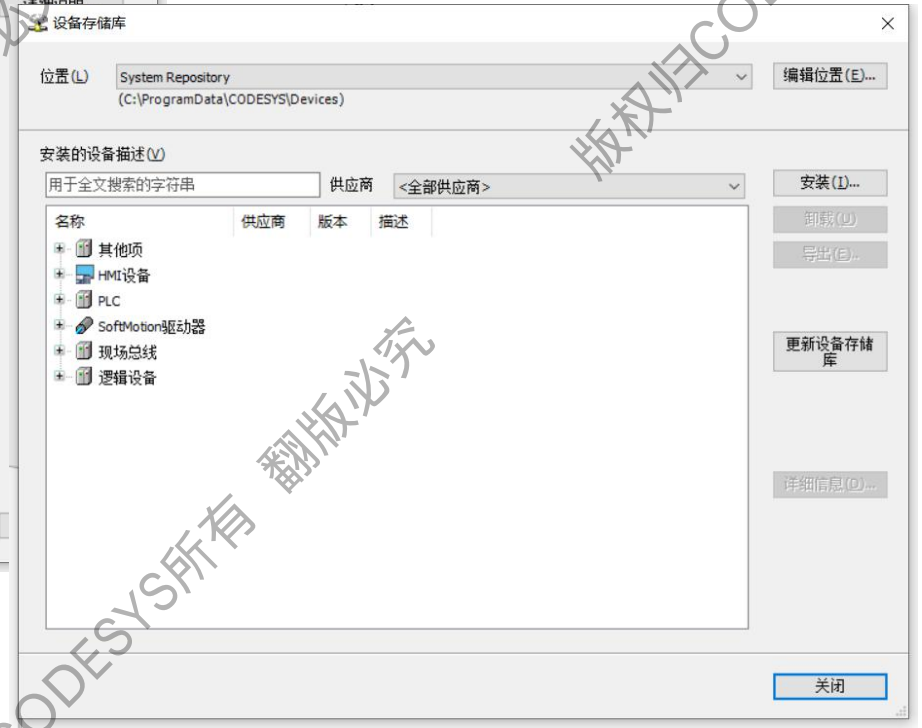
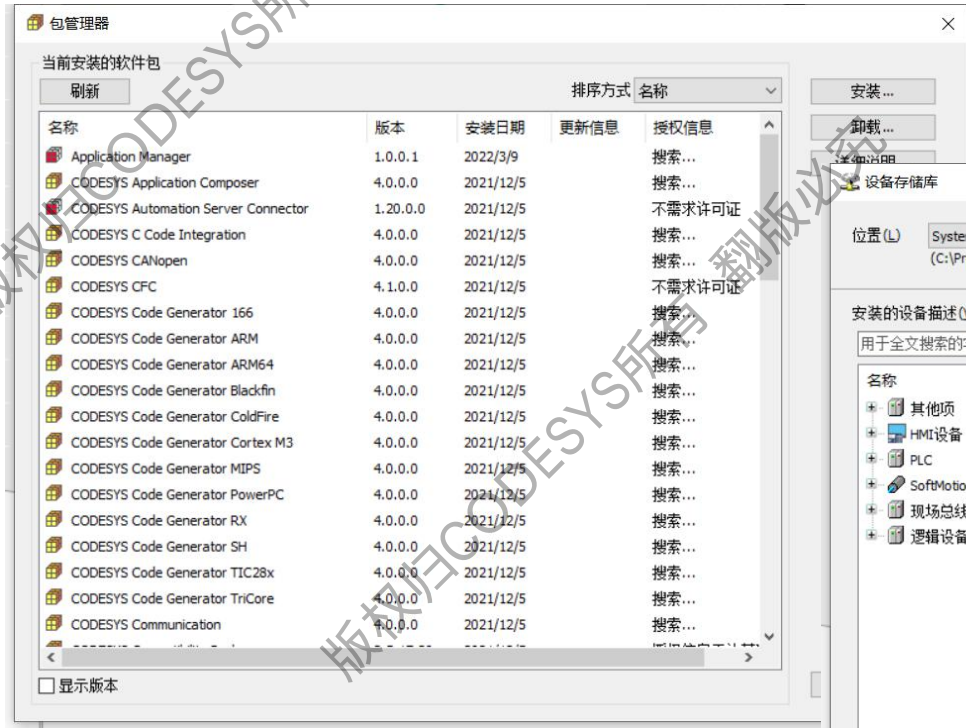
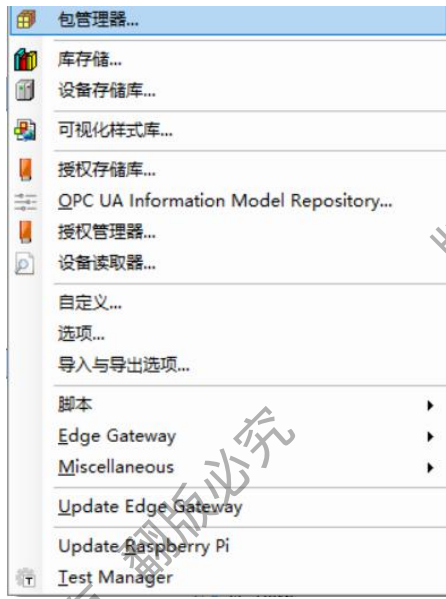
The '占位符' (Placeholder) dialog box is open, showing a list of libraries and their associated functions. The 'CAA Tick' library is selected, and its details are shown in a sub-dialog.

名称	函数库	信息
3SLicense	3SLicense, 3.5.17.0 (3S - Smart Software Solutions GmbH)	许可机制解析
BreakpointLogging	Breakpoint Logging Functions, 3.5.17.0 (3S - Smart Software Solutions GmbH)	库配置文件解析
CAA Behaviour Model	CAA Behaviour Model, 3.5.17.0 (CAA Technical Workgroup)	设备解析
CAA Callback	CAA Callback Extern, 3.5.17.0 (CAA Technical Workgroup)	设备解析
CAA Device Diagnosis	CAA Device Diagnosis, 3.5.17.0 (CAA Technical Workgroup)	设备解析
CAA ResMan	CAA Ressource Manager Extern, 3.5.17.0 (CAA Technical Workgroup)	设备解析
CAA Tick	CAA Tick Extern, 3.5.17.0 (CAA Technical Workgroup)	设备解析
CAA TickUtil	其他版本的CAA Tick Extern (Workgroup)	设备解析
CAA Types	3.5.7.0 (orkgroup)	设备解析
CmpApp	3.5.5.0	设备解析
CmpAsyncMgr	3.5.1.0	设备解析
CmpCodeMeter	3.3.1.40	设备解析
CmpEventMgr		设备解析
CmpEventMgr Implementation		设备解析
CmpIecTask	CmpIecTask, 3.5.17.0 (System)	设备解析
CmpIoMgr Implementation	CmpIoMgr Implementation, 3.5.17.0 (System)	设备解析
CmpLog	CmpLog, 3.5.17.0 (System)	设备解析

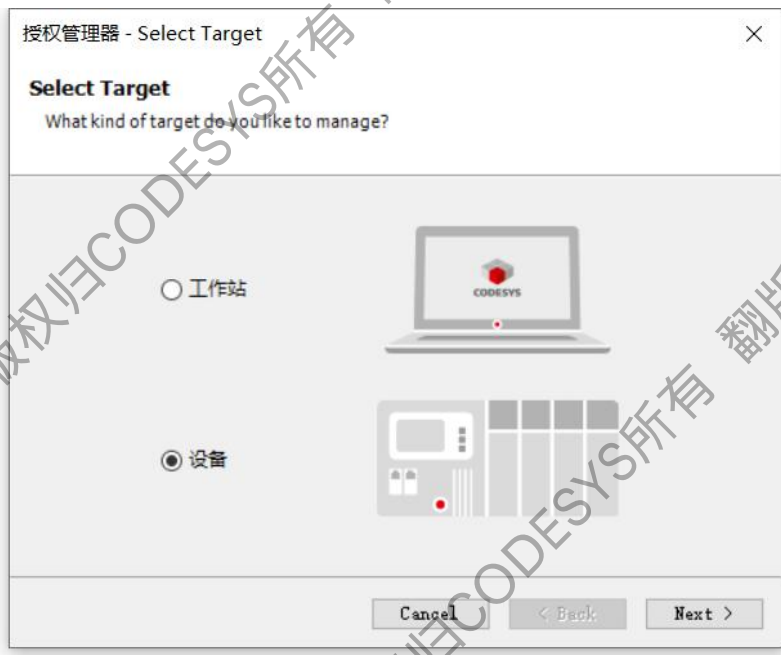
The '下载缺失的库' (Download missing libraries) dialog box is open, showing a table with columns for '库' (Library), '状态' (Status), and '下载URL' (Download URL). The table is currently empty.

库	状态	下载URL
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CODESYS 设备和插件



CODESYS 授权

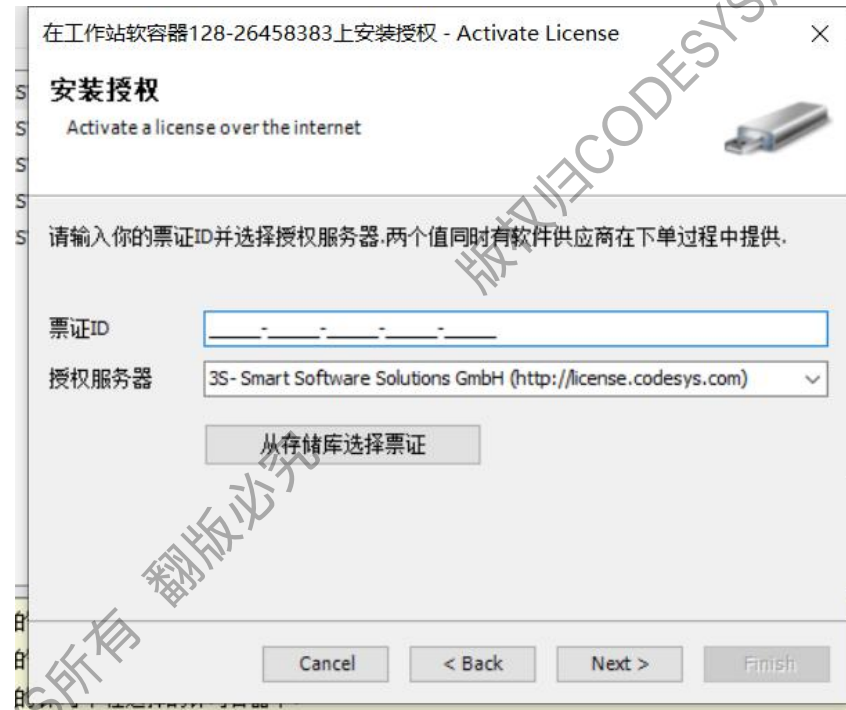
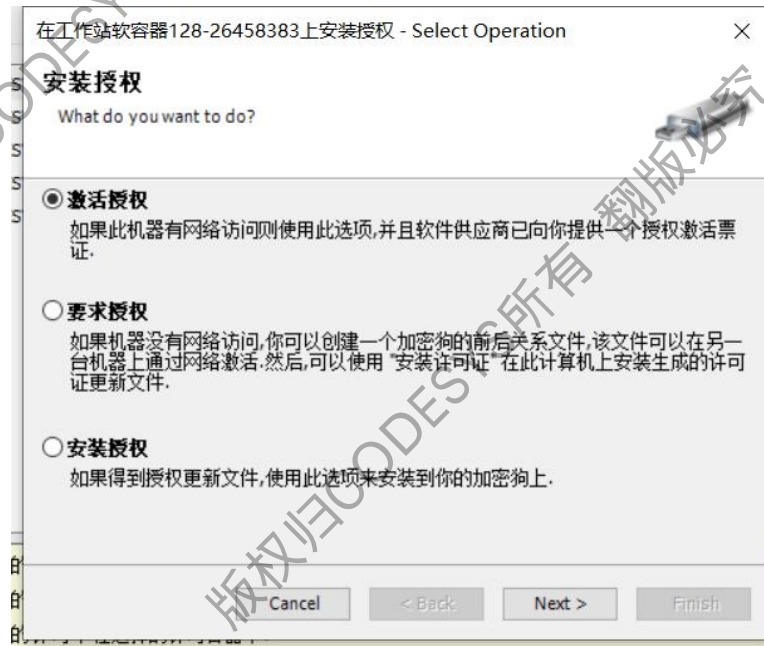
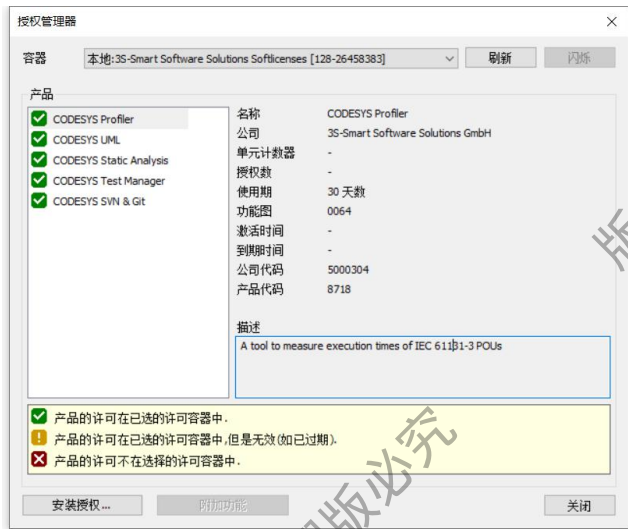


Select Target
授权激活到工作站(IDE)还是设备。

Select Container
授权类型是加密狗还是软容器（激活码）



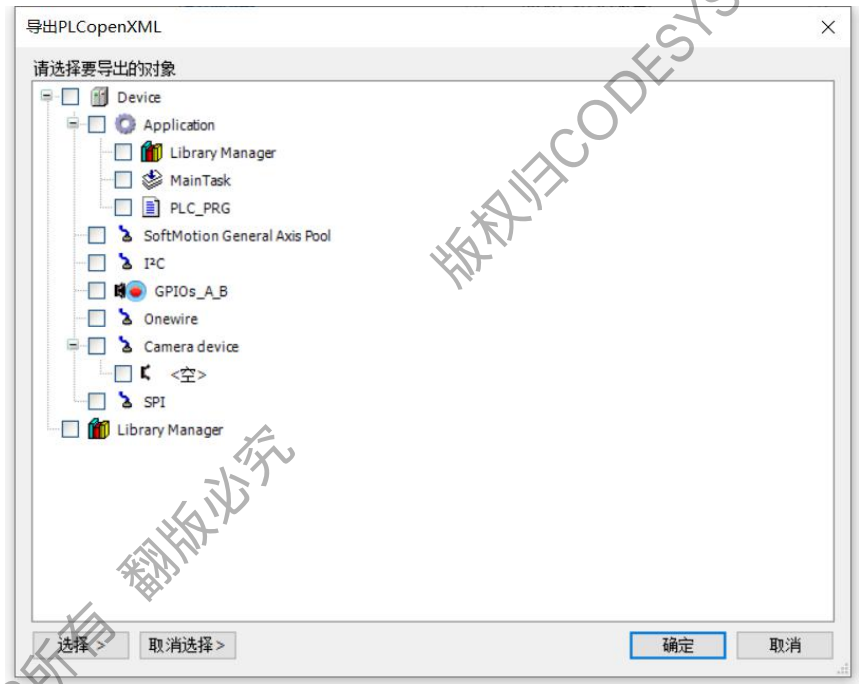
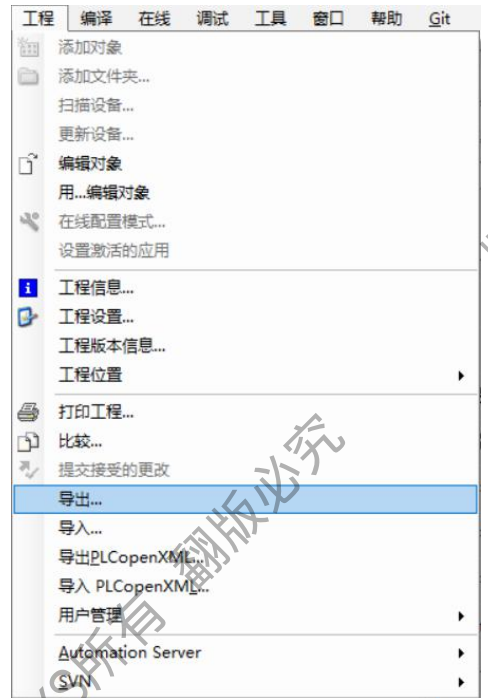
CODESYS 授权



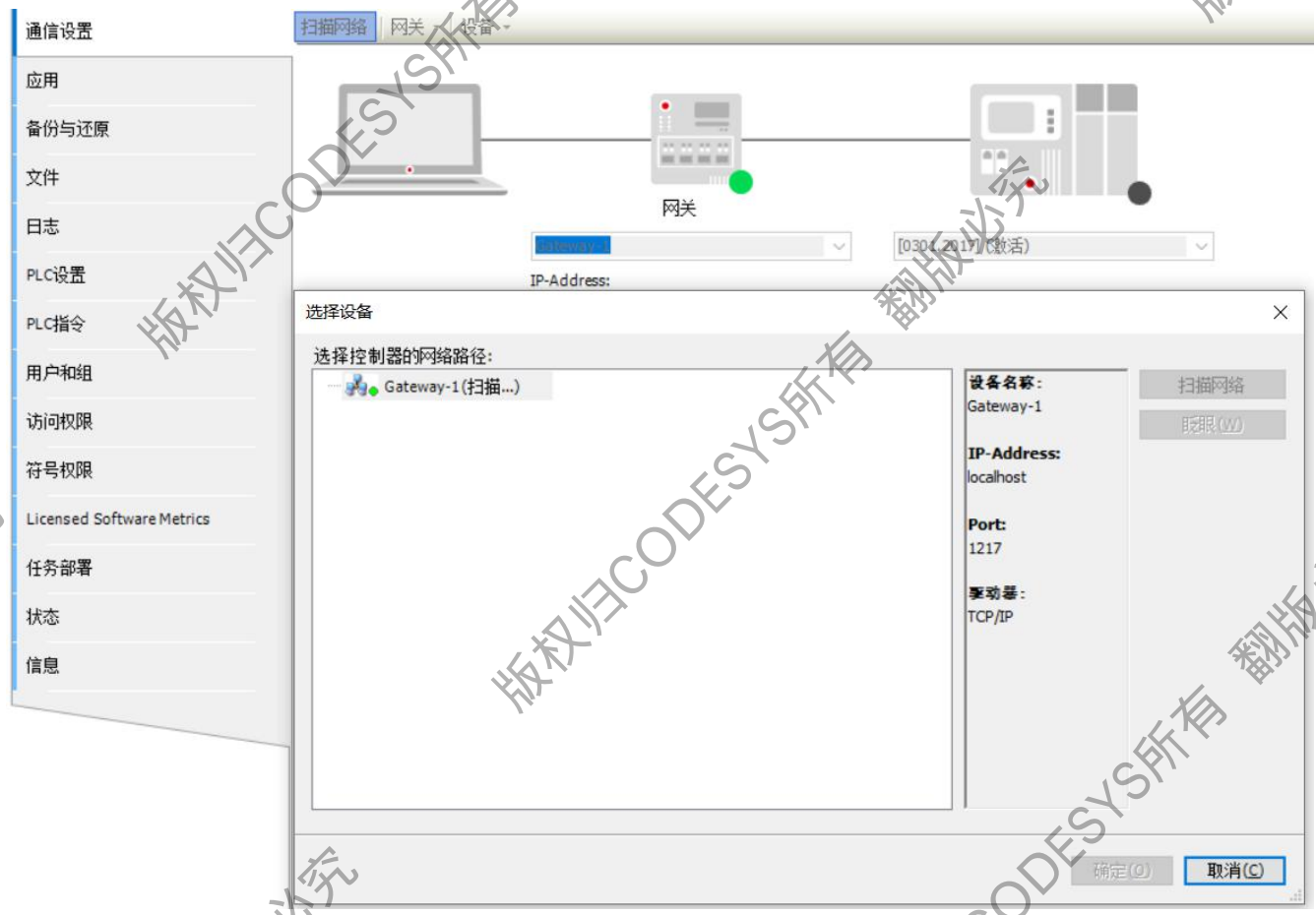
CODESYS 存档



CODESYS 导入导出



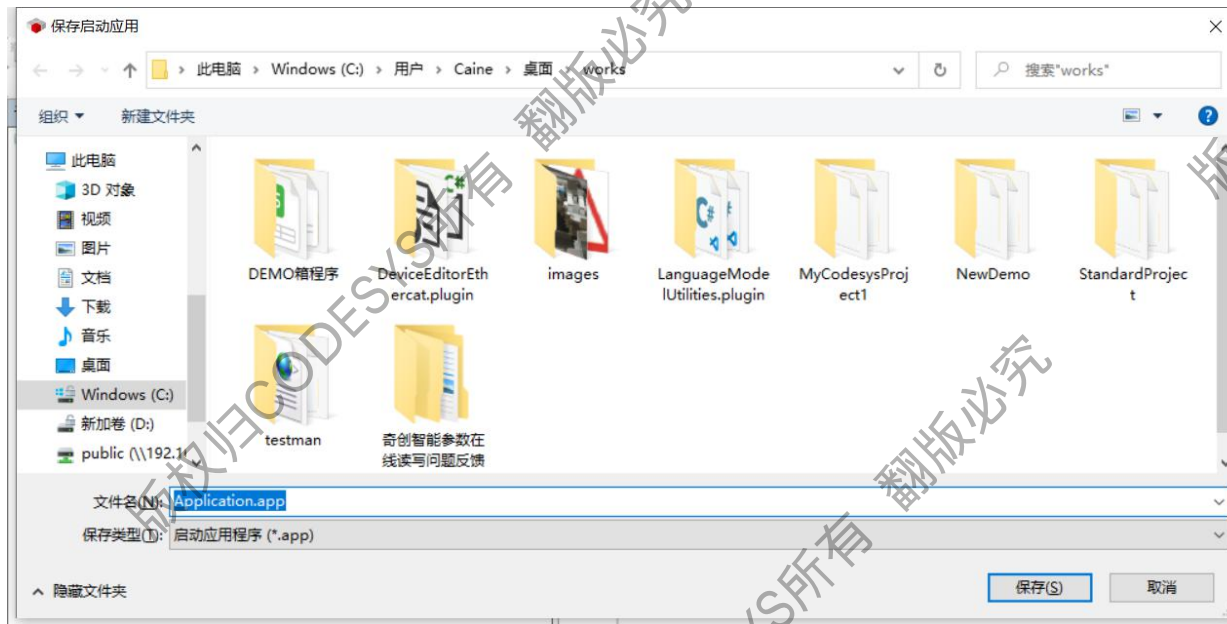
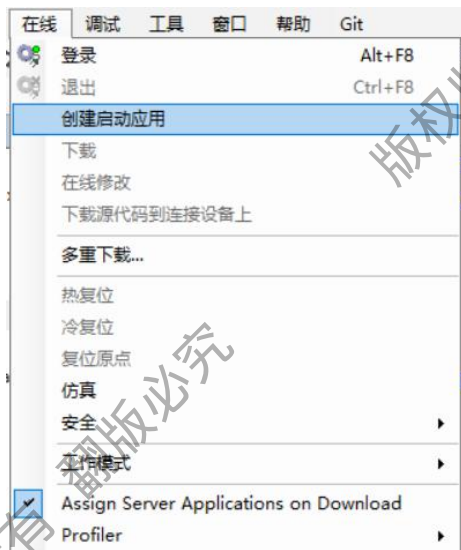
CODESYS 连接设备



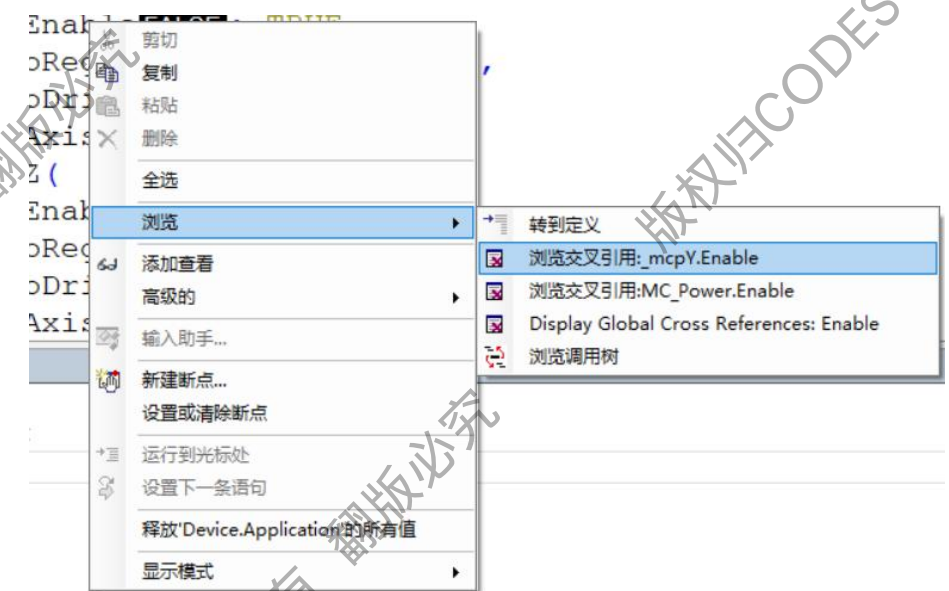
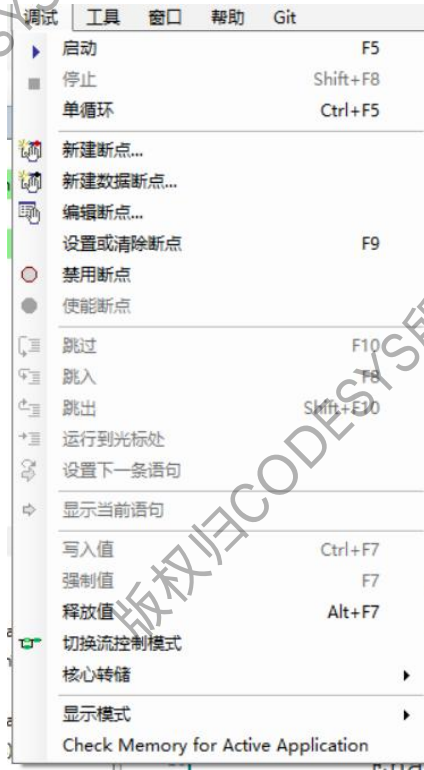
CODESYS 下载



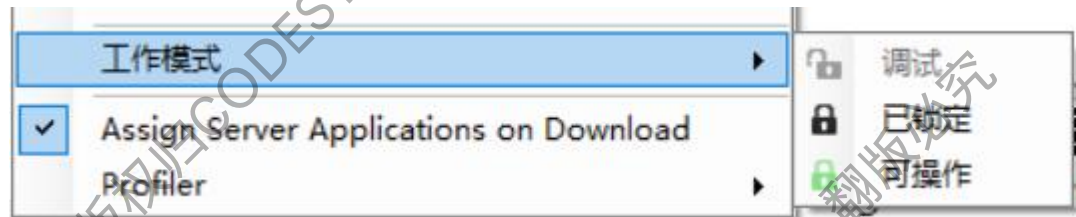
CODESYS 离线下载



CODESYS 调试



CODESYS 工作模式



 *Operatioal*:无法进行调试

 *Locked*:锁定当前操作

 *Debug* :无限制

CODESYS 备份与还原

通信设置 | 应用 | 备份与还原 | 文件 | 日志 | PLC设置 | PLC指令 | 用户和组 | 访问权限 | 符号权限 | Licensed Software Metrics | IEC对象 | 任务部署 | 状态 | 信息

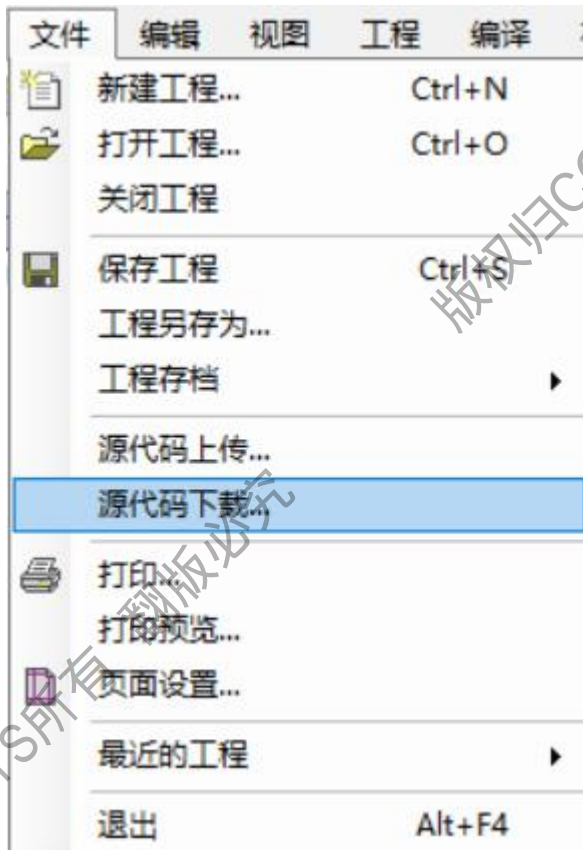
备份 | 还原

目标信息
ID: 0000 0004
类型: 4096
版本: 3.5.17.10

备份信息
文件名:
激活文件大小: 4471 KB (4579143 bytes)
模式: 应用程序
注释:

激活	组件	文件	大小	需要停止
<input checked="" type="checkbox"/>	文件系统			
<input checked="" type="checkbox"/>		\$PlcLogic\$/Application/Application.app	4018340	
<input checked="" type="checkbox"/>		\$PlcLogic\$/Application/Application.crc	20	
<input checked="" type="checkbox"/>		\$PlcLogic\$/dd.Recipes.txtrecipe	42	
<input checked="" type="checkbox"/>		\$PlcLogic\$/visu/element-lamp-lamp1-green-off.svg	8600	
<input checked="" type="checkbox"/>		\$PlcLogic\$/visu/element-lamp-lamp1-green-on.svg	9611	
<input checked="" type="checkbox"/>		\$PlcLogic\$/visu/element-lamp-lamp1-red-off.svg	8231	
<input checked="" type="checkbox"/>		\$PlcLogic\$/visu/element-lamp-lamp1-red-on.svg	9656	
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<input checked="" type="checkbox"/>		\$PlcLogic\$/visu/element-switch-pushswitch-red-off.svg	6941	

CODESYS 工程下载





Thank you for your attention.

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