

# CODESYSControl.cfg

```
[ComponentManager]
Component.1=CmpTargetVisuStub
Component.2=CmpCodeMeter
Component.3=CmpWebServer
Component.4=CmpWebServerHandlerV3
;Component.5=CmpHilscherCIFX
;Component.6=CmpPCANBasicDrv
;Component.7=CmpBlkDrvCanServer

[CmpSettings]
;SplitDatabases=0
FileReference.0=SysFileMap.cfg, SysFileMap

[CmpRouter]
;MaxRouters=1

[CmpBlkDrvCom]
;Example for a configuration of this block driver:
;EnableAutoAddressing=1 should be set to activate the
;Mainnet-Mainnet-Communication on serial line.
;Com.0.Port=1
;Com.0.Name=MyCom
;Com.0.Baudrate=115200
;Com.0.EnableAutoAddressing=1

[CmpBlkDrvCanServer]
;Default interface name for first Blockdriver instance is BlkDrvCanServer.
;Currently only one instance is supported.
;CycleTimeMs=1 ; Cycle time for block driver in milliseconds
;0.NetId=0 ; CANbus Network Id (0..n)
;0.Baudrate=0 ; CANbus Baudrate in kbit/s. 0 if default baudrate specified
in CmpCAACanL2 should be used.
;0.NodeId=10 ; unique NodeId

[CmpCAACanL2]
;If setting PersistentBaudrate is enabled (0: disabled; 1: enabled)
;the baudrate will be stored into Net.X.DefaultBaudrate (where X equals NetId) when
opening the driver.
PersistentBaudrate=1
;Default baudrate for CAN network 0. This baudrate will be used when the network is
opened (e.g from CmpBlkDrvCan or CANopen) with the baudrate set to 0.
;Net.0.DefaultBaudrate=1000

[CmpCAASdoServer]
;MaxSegmentsPerCycle=0 ; for block upload: maximum of sent segments per cycle; 0
means infinity

[CmpCAASdoClient]
;MaxSegmentsPerCycle=0 ; for block download: maximum of sent segments per cycle; 0
means infinity

[CmpRetain]
;Retain.SRAM.Size=0x200200
;Retain.SRAM.Address=0xFA3C5776
;SimulateSRAM=1

[CmpApp]
;Bootproject.CreateOnDownload=0
;Bootproject.StoreOnlyOnDownload=0
;Bootproject.InvalidateByRename=1
;Bootproject.InvalidateBySetting=1
;Bootproject.InvalidateNever=0
;PersistentForce=0
```

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;RetainType.Applications=InSRAM
;RetainType.Applications=OnPowerfail
;RetainType.Applications=None
;Exception.Hardware.GlobalStop=1

[CmpSchedule]
;EnableLogger=1
MaxProcessorLoad=80
;Timeslicing.Mode=Internal
;Timeslicing.PlcSlicePercent=80
;Timeslicing.PlcSliceUs=4000
;Timeslicing.StartOnProcessorLoad=1
;SchedulerPriority=5
;SchedulerInterval=1000

[SysFile]
;FilePath=D:/Temp/Default
;FilePath.1=./Boot, *.app, *.ap_, *.err, *.crc, *.ret, *.csv, *.frc
;FilePath.2=D:/Temp/wildcards, *.txw
;FilePath.3=D:/Temp/wildcards, File7.txt
;IecFilePath=D:/Temp/IEC
PlcLogicPrefix=1

[SysProcess]
BasePriority=Realtime

[CmpLog]
;Logger.0.Name=PlcLog
;Logger.0.Filter=0xFFFFFFFF
;Logger.0.Enable=1
;Logger.0.MaxEntries=1000
;Logger.0.MaxFileSize=5000
;Logger.0.MaxFiles=3
;Logger.0.Backend.0.ClassId=0x0000010B ;sends logger messages to SysOut
;Logger.0.Backend.1.ClassId=0x00000104 ;writes logger messages in a file
;Logger.0.Backend.2.ClassId=0x00000135 ;sends logger messages as UDP syslog
;Logger.0.Type=0x314 ;Set the timestamp to RTC
;Logger.1.Name=CommLog
;Logger.1.Enable=1

[IoDrvHilscher]
;IsaScanStartAddress=0xA0000
;IsaLookupSize=0x50000
;DisableIsaScan=1
;DisablePciScan=1
;VendorName=Hilscher GmbH
;DeviceName=CIF50-PB
;ModuleType=0x20 ;This is a profibus master
;DeviceInfo=0x3236 ;This is a CIF50-PB card
;Instance.0.VendorName=Hilscher GmbH
;Instance.0.DeviceName=CIF50-PB
;Instance.0.ModuleType=0x20 ;This is a profibus master
;Instance.0.DeviceInfo=0x3236 ;This is a CIF50-PB card
;Device.0.Address=0x12345678
;Device.0.Size=8192
;Pci.VendorId=0x10B5
;Pci.DeviceId=0x9050
;Pci.SubVendorId=0x10B5
;Pci.SubSystemId=0x1080

;[CmpDevice]
;TargetVersionMask=0xFFFF0000
;TargetVersionCompatibilityMask=0xFFFFF00
```

## CODESYSControl.cfg

```
[CmpTargetVisuStub]
Program="CODESYSControlService.exe"
CommandLine=-r targetvisuextern.Standard.cfg

[SysTarget]
;NodeNameUnicode="T\00e\00s\00t\00\00"
;NodeName="Test"

[SysTask]
;OSPriority.System.Base=0
;OSPriority.System.End=31
;OSPriority.Realtime.Base=32
;OSPriority.Realtime.End=63
;OSPriority.High.Base=64
;OSPriority.High.End=95
;OSPriority.AboveNormal.Base=96
;OSPriority.AboveNormal.End=127
;OSPriority.Normal.Base=128
;OSPriority.Normal.End=159
;OSPriority.BelowNormal.Base=160
;OSPriority.BelowNormal.End=191
;OSPriority.Low.Base=192
;OSPriority.Low.End=223
;OSPriority.Lowest.Base=224
;OSPriority.Lowest.End=255

[IoDrvCIFX]
;BackgroundDiag=1

[CmpHilscherCIFX]
;TraceLevel=0xffffffff
;InterruptMode=1
;DMAMode=1
;Device.0.BootloaderFilePath=.\HilscherCIFX\Firmware\NETX100-BSL.bin
;Device.0.Channel.0.FirmwareFile=.\HilscherCIFX\Firmware\cifxcom.nxf
;Device.1.BootloaderFilePath=.\HilscherCIFX\Firmware\NETX100-BSL.bin
;Device.1.Channel.0.FirmwareFile=.\HilscherCIFX\Firmware\cifxpnm.nxf
;Device.2.BootloaderFilePath=.\HilscherCIFX\Firmware\NETX100-BSL.bin
;Device.2.Channel.0.FirmwareFile=.\HilscherCIFX\Firmware\cifxdpm.nxf
DynamicFirmware=1
BootloaderFile=.\HilscherCIFX\Firmware\NETX100-BSL.bin
FirmwareFilePath=.\HilscherCIFX\Firmware

[CmpWebServer]
;The handling of startup/shutdown of the webserver:
;0->automatically start, shutdown only on shutdown of the runtime;1->automatically
start, could be shutdown on demand
;2(default)->start/shutdown on demand;3->start on demand, shutdown only on shutdown
of the runtime
;StartupType=2
;The TCP port the webserver listens on
;WebServerPortNr=8080
;LocalAddress=127.0.0.1
;LocalAdapterName=LAN-Connection
;LocalAdapterNameUnicode=L\00A\00N\00-\00C\00o\00n\00n\00e\00c\00t\00i\00o\00n\00

[CmpOPCUA]
UseLoopback=1
;TraceEnabled=1
;TraceLevel=0x0028
```