History

1.11.9.0

Debugs

- LogView.Alarm   hide
- Project load   customDoMap

Changes

- ServoAlarmCode logging

1.11.8.0

Debugs

- Profile   401   ESI   ProfileNo
- Config   Do, DI PdoMap   map   sm
- ProcessData   Excluded   ,   Map   IoType

1.11.7.0

Changes

- Alias Read   0xCCC
- ESI   PdoAssign

Debugs

- DevList.Find

1.11.6.0

Debugs

- Config   net   Update   AIStatus

1.11.5.0

Adds

- App

Debugs

- Dock
- NetState : RoundTrip.Set

1.11.4.0

Adds

- Config : SlotGroup   Slot

Changes

- CycleTimeSync@Factor
- 402 Profile   , PhysAddr

Debugs

- DeviceList   slot
- Omron CJ1W-ECT21 Config

1.11.3.0

Adds

- DevList.Search   Module
- SearchTextBox   "Search"
- FormAlStatusCode   :   , Code   O
- SdoAbortCodeDescription   : Shell   LogViewer
- FormSetup.Form.AiPrecision Property
- Shell.Check
- ELMO Slot   Driver
- FormFirmware.Reset MultiSelect
- NetState   EscState
- Config.CheckMultiAxis

Changes

- DcOffsetDefault
- 5001 Profile   Step   ID   PhysAddr + 1   (: ID = PhysAddr)

Debugs

- Disconnect Topology Update Topology
- DevList.Search :

- NetID 0 FormESC
- FormSlot Module ModIndent O
- NetState

1.11.2.0

-
- ControlLock
- AppSetup.t.formInfo.AlarmMonitor.DisplayAlarm Property
- Config.InPdoSkipCount Property
- AllowNodeNameChange Property [1)]
- DeviceList.xml

- Config.DriverRawPDO
- AlState , Stop
- FormFirmware.Reset Device

- RemoteMode
-
- FormAI / FormAO Graph
- Dictionary enum
- TempController 0
- FormSetup
- Config
  - ,
    - NetInfo.LogicIn / NetInfo.LogicOut Servo
  - Scan / Download Exception
    - IO Scan/Download 1 Dock
  - Download BackupFile Exception
- Shell
- Master-Slave
- GetModulInfos Exception [2)]

1.11.1.0

- App
- Dock Expert
- 5001 Profile IO
- FormDevList
  - ExpandOne, ExpandAll, CollapseOne, CollapseAll
  - SearchNodeWithChannelName
  - DeviceName

- MotorMonitor : ColumnCount Property
- FormDIO
    - RootColumnCount Prop rty : DIO Form ColumnCount
    - ColumnCount_1 Enum
- FormAI / FormAO : Precision
- Setup
    - AppSetup.Form.DeviceList.InitTreeLevel Property
    - AutoLoa .NameOnly Property
- Config
    - TopologyView : Port line
    - Module Append
    - DefaultZoom
    - ProfileNo [3)]
    - UpdateForm : Event
    - ID / ID , TreeView
    - MultiAxis ID [4)]
    - TopologyView AlState [5)]
    - DI / DO StartCh
    - SM / FMMU [6)]
    - DioMap, AioMap Leak
    - IsRevisionNoNotMatchAnError Property false , RevisionNoNotMatch

    - Net , TopologyView Update
    - CustomIoMap : Map
    - MDP type Object-DataType Matching [7)]
        - Object DataType Size , Object DataSize
    - InfoRefFilePath Node
- ServoTunes
    - ServoTunes
    - LoadOne
- AlarmMonitor : Axis Alarm, Slave CommError
- EtherCAT
    - MailBox Abort [8)] AbortCode log
    - Device ID 0
    - AlarmState Property : AlState AlarmState AlarmMonitor

1.11.0.0

- SlaveCfg : ProfileNo
- 402 Profile Address
    - 402 Profile 64 .
    - , INVALID_ADDRESS_IN_402 ConfigError
- ConfigError ( )
- formConfig Leak
- ProfileNo.5003
- ServoTunes Data Read Error
- UsingStationAddress Property

- ○ CSA
- FormConfig.TopologyView
  - ○ AlStatus
  - ○ Group AlStatus
- Config.BaseAlState Property
- DcOffsetDefaultValue
- Firmware Reset : Main → Firmware

1.10.6.0

- EtherCAT
  - ○ **DLL Logger AppDown**
  - ○ Dictionary Search
  - ○ DataType Object bit
  - ○ TempController
  - ○ Scan ecCfg_SetSlaveConfig : PreOP
  - ○ ESI SM Enable Enable
- cEIP
  - ○ cEIP AppDown
  - ○ cEIP Version Parsing
  - ○ cEIP MotorState Update failed
- NEMO
  - ○ FW, Lib Version read failed

1.10.5.0

- SoftEtherCAT
  - ○ ESC, SlaveRW

- EtherCAT Config
  - ○ FMMU Section : Servo Sect
  - ○ EBus_2 + Mii_2 Type Matching
  - ○ ProcessData Entry Type ETC

- DO Repeat RepeatCount O ,

1.10.4.0

- IO Form Dock

- Setup : FormIO HideMenu Property

1.10.3.0

- Config
  - TopologyView : PortMonitoring Option
  - NetInfo : DcOffset   :   %
- Dictionary : Enum
-                        [9)]

- EtherCAT : OPMODE_PT

1.10.2.0

- FormConfig : Slave AutoReset

- FormPDO : 2 ~ 7 bit size Data

- FormSlave : EEPROM Update   Bootstrap Data

-                   [10)]

1.10.1.0

- EtherCAT
  - ETS-MC02P
    -
    -
      - SVON_Logic
  - Dictionary bit   write
  - Config.TopologyView : Drawing   , StandAlone Master Hub
  - FormSlaveRW Device   1   ID   O   , DeviceID   (netID
    O   )

1.10.0.0

- EtherCAT
  - Coupler   Slot   ,   : Slot   → Coupler

  - Config : Address   Net   SlaveList

  - UnitDistance
  - Topology   Line
  - Configurator   Net
  - Scan   Download   DCSync
  - Lib   (ODM   )
- ServoTunes
  - List   View

1.9.3.9

- EtherCAT
  - ,   IO   IO Form
                null
  - ESI InfoReference
  - TopologyView MasterDC Port
  - FormSlaveRW Device   1   ID   0   , DeviceID   (netID
        0   )

1.9.3.8

- EtherCAT Lib

1.9.3.7

- Shell
  - API   ,
- EtherCAT
  - Firmware Upload UI
  - ETS-MC02P, CMC HomeReturn

1.9.3.5

- DeviceList
  - EtherCAT   (Driver)   : MajorNo.MinorNo.BuildNo.RevNo

1.9.3.4

- DeviceList
  - EtherCAT   : MajorNo.MinorNo.BuildNo.RevNo
  - EtherCAT   Version Compare

1.9.3.3

- HomeReturn
  - HomeReturn   , MotorMonitor / AxisList

1.9.3.2

- ServoTunes
  - Nikki Denso   :   Nikki Denso   , Exception Error
  - Servo   Net   ServoTunes

1.9.3.1

- EtherCAT InitAlState   DontChange   ,   PDO

- Slave   SDO Read

- ServoTunes EEPROM Write

1.9.3.0

- EtherCAT Version : File → GetVerInfo

- AutoSaveEnable, AutoSavePath

- AutoLoadEnable, AutoLoadPath

- FirmUp : O State

- DO Custom Channel Control : Setup

- LX554 48 : LX554 → LX554(48)

- LX553 : LX553 → LX552(40)

1.9.2.1

- EtherCAT HomeReturn Success

- UnknownESC Register Read (DlStatus)
  - TopologyView, ESC Viewer Update
  - 1.9.2.0 YASKAWA Driver Topology

1.9.2.0

- ESC Viewer
  - PortControl
  - UI
  - ESC Type Register Read/Wrtie

- TopologyView
  - ESC Redundancy Check
  - Port Open ESC

- DSP Viewer
  - FW 2.66 EEcInfoID (SendCount, ReceiveCount)
  - Read Checkbox

- DeviceList
  - EtherCAT VersionCheck

1.9.1.0

- ServoTunes
  - UI
  - Write One-All, Write All-All

- Config
  - TopologyView
  - SlaveTree
    - Coupler - Coupler / Hub - Hub

  - PortOpen
  - SlaveInfo   DcInfo
  - OHT_Step
  - 402 Profile   Axis Info Update
  - Scan
  - Master Redundancy

- FormIO
  - EtherCAT IO Form Title   NetID
  - EtherCAT AI / AO   Aio Mode
  - DIO GetMulti Selction   (GetMulti / GetOne)
    - LX534 + 64   IO   ,   SDK   32

- DeviceList
  - EtherCAT Slot   10   , Sorting
    - 1,10,11,2,3,4   1,2,3,4,10,11

- Dictionary
  -                     , UI

- Shell
  - ToHex(),ToDec(),ToBit()

- FirmUp
  - DeviceNode   DeviceInfo Update

1.9.0.0

- Config   DC-Sync Factor   (OP   )

1.8.2.0

- Dictionary : EnumType   null
  -

- AI / AO Form : Multi-Channel　　　 Name Copy/Paste
- SevoTunes : SanyoDenki, NikkiDenso

1.8.1.1

- SlaveRW : SDO Read　　 Sign/UnSign
- DevList Form : PulseType
- Config : 402Profile　　　DcSyncMode

1.8.1.0

- CMC Axis
- EtherCAT FW Version　　1.60　　　　　　　　　DCSyncEnable

1.8.0.0

- EtherCAT DcSyncEnable 1, 2
- Dictionary : EnumType Text
- SDP Type Visible
- 　　　　　　　　　　　　　　　　Log Skip
- ServoTunes : Yaskawa EtherCAT

1.7.0.1

- Setup Form MinorBugFix
- Setup Form　　　 NEMO ELP Logic

1.7.0.0

- EtherCAT ReserseConnetionCheck MinorBugFix

- EtherCAT Multi-Device FirmwareUpdate

- EtherCAT Virtual Module Append   MinorBugFix

[1)](#)
false   DevList   Node
[2)](#)
Invisible Node
[3)](#)
        900
[4)](#)
                ID   ID
[5)](#)
        AlState
[6)](#)
        Config   SetFMMU()   , Scan   Get
[7)](#)
Dictionary   WeiduMuiller   Object
[8)](#)
CoeSDO Read Fail / write Fail
[9)](#)   [10)](#)   ,
PlatformInfo.xml, DeviceList.xml