History

1.11.10.0

Debugs

- EtherCAT.SyncAxis
- FormDevList.NodeSorter
    - ○　　　　　IO　　　　　Sorting
- FormDevList.OrderByIndex
- FormAI, FormAO
-
- DI　　　　　　　　　　　　　　　Projectfile load　　Channel

Adds

- ProjectManager.pjt3
    - ○
    - ○ Setup.ProjectFileExtension
-
    - ○ LossFrame
    - ○ Slave Comm Error
    - ○ DevList not running
    - ○ CommErrorThreshold Property
- TopologyView LossFrame, DcCount Monitor
- FormAlarmList
    - ○　　　　　　　　　, LogView
- cEIP.SC04A
- FormSerial.Repeat
-

Changes

- EtherCAT.Config　　AIStateChange　　　　1
- Dock Crash　　　　,
    - ○ BegineerMode　　Crash　　　, BegineerMode

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   AlStatus

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
  - AIState , 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
    　O　　　　　　　　　)

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

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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