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ComiIDE

ComiIDE

Intro

ComiIDE

- [ComiIDE is](#)
- [History](#)
-
-

ComiIDE

Basic



Home Return



SingleAxis



MultiAxis



IxLine



IxArc



IxSpline



IxHelical

+



PT Motion



IxMprLin2x



IxVia



Master-Slave

Advanced



ListMotion



CMP



CMP AB



Velocity / Torque



Auto Torque



Multi Torque



Gantry

1



2D Position Correction

2



Collision Avoidance



LATCH



External Switch



Manual Pulsar

MPG

PA/PB



Dispensor

AD Library

Dispensor



Motion Path

, GUI



Sync Axis



Slow Down



Ext Stop



TouchProbe

()

Setup & Monitor



Motion Setup



HomingSpeed



SxSpeed



IxSpeed



Version Compare

1)



Motor Monitor



Position Monitor



MIO Monitor

NOT,POT,ALM MotionIO



AIMonitor

EtherCAT AIState, CRC



NetState

EtherCAT



EscState

ESC

Trace



DLL Trace
API trace



State Trace
, , , MotorState trace



3D Emulator
3 trace



Graph
, , trace



Interrupt Trace
trace



Register Trace
trace



Motor Performance Trace
, trace

Tool



Shell
Shell Api , , logging



Install (Installer)
Driver, Library



DLLs (Dll finder)
Load DLL



PC (PC Monitor)
PC , , Threshold



M.Edit : Motion Editor
Shell Task Motion



Servo : ServoTunes



FW (Firmware Downloader)
Firmware Download, Updaloal, Compare



Config
EtherCAT Configurator



SlaveRW

EtherCAT Slave

SDO, Register, EEPROM

Read, Writer, Update



Alarm History

EtherCAT Driver

Alarm



PDO (PDO Editor)

EtherCAT Driver

Config

PDO Data

Read / Write

IO



Digital Input



Digital Output



Analog Input



Analog Output



Counter



Serial



Custom DI

DI

channel



Custom DO

DI

channel

Configurator :

Configurator Configuration

Config

- [Configurator](#)
- [Configuration](#)

Description

- **Project**
 - Slave List
- **Setup : Configuration Option**
- **TopologyView**
 - Topology, AIStatus, AIStatus Error ,
 - Port , **InPort - OutPort** , DC Delay
- **Net Info**
 - Cycle Time, Process Time, Logic Memory
 - DI, DO, AI, AO Channel Map
- **Slave Info**
 - Address, SyncMode, DeviceType
- **Process Data**
- **Slot Info**
- **Addressing**
 - IO Module Channel Mapping
 - Auto Addressing
- **Distibuted Clock Delay**
- **Reverse Connected Slave**
- **Module Change**

Trouble Shooting

- **Scan Error**
- **Master Device**
-
- **Master-DC**
- **OP**

ServoTunes :

Info

- [ServoTunes?](#)

-

Guide

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- [:](#)

- [&](#)

- [\(\)](#)

- [10](#) or [16](#)

- [MotionIO](#) &

Gantry

Info

- [Gantry?](#)

-

-

Guide

-

-

- [Gantry](#)

Trouble Shooting

Shell

Info

- [Shell?](#)

Guide

-
- [Normal Mode : API](#)
- [Log Mode : API](#)
- [RunTime Mode : API](#)
- [Timer Resolution](#)

Trouble Shooting

History

Platform - EtherCAT

EtherCAT

EtherCAT Type

- [API](#)
 - [API Description](#)
 - [ecGn](#)
 - [ecGn_LoadDevices](#)
 - [ecmSx](#)
 - [ecmSxCfg_SetUnitDist](#)
 - [ecNet](#)
 - [ecNet_GetAIState](#)
 - [ecNet_GetCfgSlaveCount](#)
 - [ecNet_GetVerInfo](#)
 - [ecNet_IsBootCompt](#)
 - [ecNet_ScanSlaves](#)
 - [ecNet_SetAIState](#)
 - [Error Code](#)
 - [ErrorCode : -21056](#)
 - [ErrorCode : -21070](#)
 - [ErrorCode : -21072](#)
 - [ErrorCode : -21086](#)
 - [ErrorCode : -5](#)
 - [ErrorCode : -8](#)

- Example
 - Check Reverse Connection
 - CMP One
 - List Motion
 - Version Compare
- Info
 - netID
- Info
 - Touch Probe
 - Homing with TouchProbe
 - IDE
 - Touch Probe Setup
 - Touch Probe
 -
 - Zero Vibration
 - ESI File
 - EtherCAT State Machine
 - Object
 - (SyncMode)
- Intro
 - - CKD
 - Leadshine
 - MKS
 - Nidec
 - Oriental
 - VEICHI
 - YASKAWA
 - EtherCAT Devices
 - EtherCAT Hardware Master
 - EtherCAT Type
 - EtherCAT
 - ETS-MT02H
 - HW Master
 - HW Master
 - HW Master
 - HW Master
- Setup
 - Config
 - Description
 - Addressing
 - Distributed Clock Delay
 - Module Change
 - Net Info
 - Process Data
 - Project Manager
 - Reset
 - Reverse Connection Check
 - Setup
 - Slave Info
 - SlotInfo

- Topology View
 - Trouble Shooting
 - Connection Check
 - Device Boot Failed
 - EEPROM Read / Write Failed
 - Master-DC Invisible
 - OP
 - Scan Error
 -
 - Configuration :
 - Configurator
- Device Install
 - 12V
 - Device ID
 - Device
 -
 -
- Stand Alone EtherCAT
 - Daemon
 -
- (TOPOLOGY)
 -
 - +
 - ()
 - () +
 -
 - + ()
- Setup Guide
- Setup Guide - StandAlone
- User's Guide
 - CookBook C#
 - System Initialize
 - API
 - Code
 - Summary
 - Homing
 - Home Mode
 - Master HomeMode
 -
 -
 -
 - HowTo
 - DriverIO
 - Station Alias Selection Change
 - PDO MAP
 - State
 - Trouble Shooting
 - [FASTECH] ServoOn
 - DeviceLoad Firmware Down
 - ELMO :
 - ELMO :

- ETS DO
- ETS-DO
- LS MECAPION : SafeOP
- PANASONIC : Alarm 24.0
- PANASONIC : Alarm 80.6
- PANASONIC : Alarm 85.3
- PANASONIC : Alarm 88.1
- PANASONIC : 가
- TouchProbe
-
- &
-
-
-
-
- ()

1)
Firmware, Driver(WDM), Library(DLL)

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