

ComilDE 1

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ComilDE

Intro

ComilDE

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

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, Updaloa, 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

-
- [:](#)
- [&](#)
- [\(\)](#)
- [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

1)

Firmware, Driver(WDM), Library(DLL)

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