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Gantry

x Gantry

AddInfo

Cause

Solution

Category

ComilDE

Intro

ComilDE

- [ComilDE is](#)
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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**



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


 **AI Monitor**
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, Updaload, 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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Last update: **2024/07/08 18:23**