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# Gantry

x Gantry

**AddInfo**

**Cause**

**Solution**

Category

# ComiIDE

**Intro**

**ComiIDE**

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

**ComiIDE**

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**# 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 :

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### Info

- [ServoTunes?](#)
- 

### Guide

- 
- :
- &
- ( )
- [10](#) or [16](#)
- [MotionIO](#) &

## Gantry

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### Info

- [Gantry?](#)
- 
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### Guide

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- 
- [Gantry](#)

## Trouble Shooting

## Shell

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### 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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