Editor, Scope, Tuner & Watch Software Tools

GalilTools

Product Description

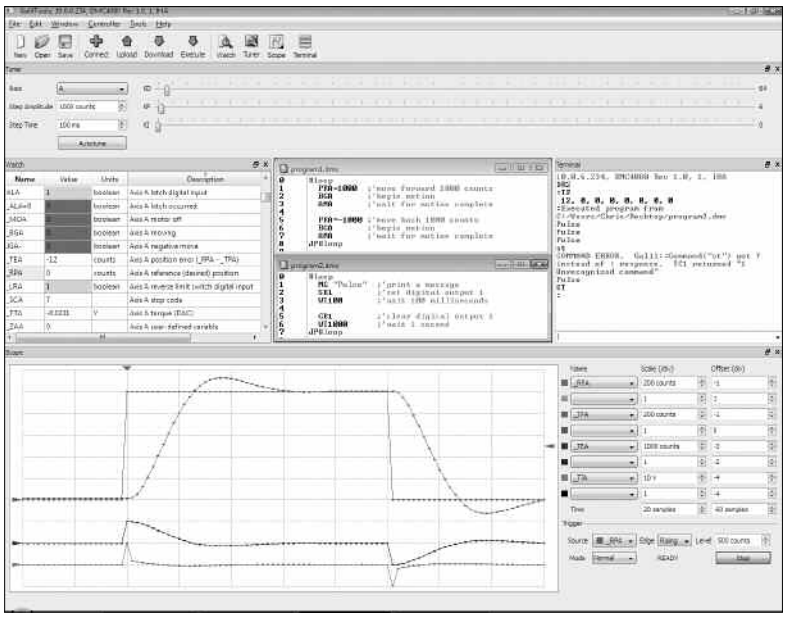
GalilTools is the newest set of software for current motion controllers. GalilTools replaces the WSDK Tuning software with an improved user-interface, real-time scopes and communications utilities.

The powerful Scope Tool is ideal for system analysis as it captures numerous types of data for each axis in real-time. Up to eight channels of data can be displayed at once, and additional real-time data can be viewed by changing the scope settings. This allows literally hundreds of parameters to be analyzed during a single data capture sequence. A rising or falling edge trigger feature is also including for precise synchronization of data.

GalilTools also includes a Program Editor Tool which allows multiple editors to be open simultaneously for convenient programming of Galil controllers. The Watch Tool displays controller status at a glance and includes units and scale factors for easy viewing. The Tuning Tool helps select PID parameters for optimal servo performance.

GalilTools runs on Windows, Linux, and Mac platforms as standard with other platforms available on request.

GalilTools-Lite is available at no charge and contains the Editor, Terminal and Watch tools only.



GalilTools Provides Multiple Tools for Set-up and Tuning Motion Systems. The Various Tools such as Tuner, Scope, Terminal, Watch, Editor can be Displayed on a Single Screen or Separately.

Features

- *Powerful software tools for Galil motor controllers*
- *Terminal Tool for sending and receiving Galil commands*
- *Scope Tool with trigger displays up to 8 channels of real-time data*
- *Tuning Tool for automatic and manual PID tuning of servo systems*
- *Watch Tool with units for displaying controller status such as I/O and motion*
- *Easy-to-use interface provides toolbar for access to frequently used tools*
- *Multiple Document Interface (MDI) allows display of multiple editors. Features tiling and cascading*
- *Dock feature for docking or floating tools*
- *Operates with Windows, Linux, and Mac as standard. Other platforms upon request*
- *Automatically displays all available Ethernet, serial and PCI connections*
- *Efficient, high-speed communication drivers for Galil controllers*
- *Powerful and easy to use Galil Tools Communication Library for use with VB, C#, C++ and more. Includes onInterrupt, onMessage, and onRecord events for easy, event-driven programming.*
- *For DMC-40x0, DMC-41x3, DMC-21x3, and RIO Ethernet controllers, and DMC-18x6 and DMC-18x2 PCI controllers*

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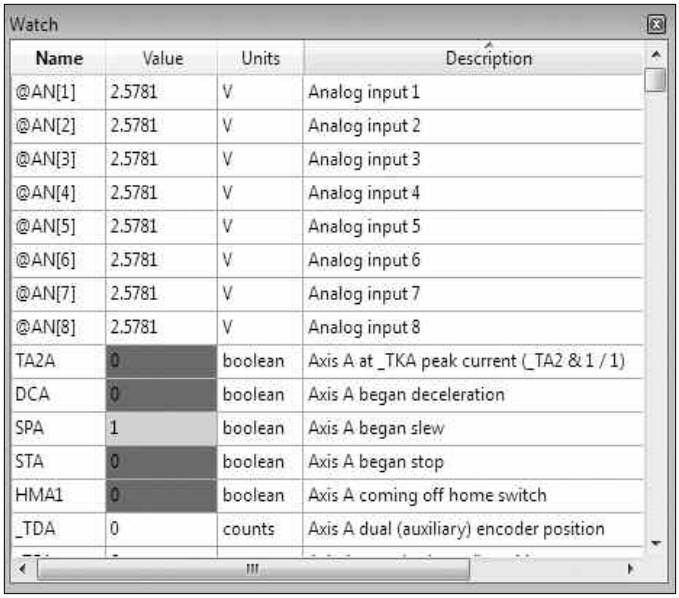
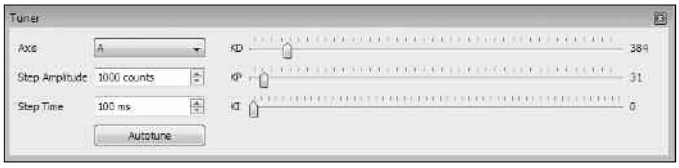
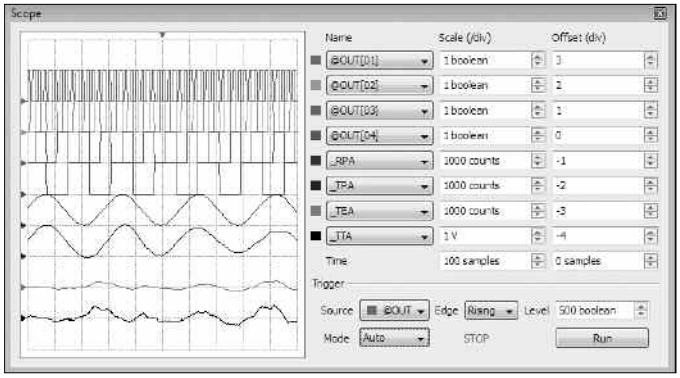


Watch *Tool Displays Controller and I/O status.*

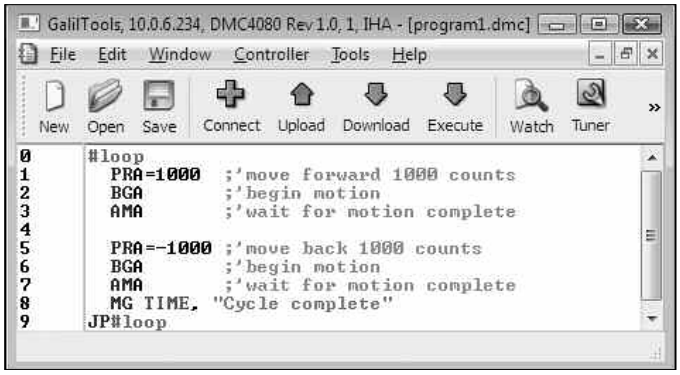


Tuner *Tool Automatically or Manually Finds the Best PID Values for a Step Response.*

Terminal *Tool Allows Controller Commands to be Sent and Received.*



Scope *Tool Displays up to 8 Channels of Data (all data is recorded). Includes Trigger.*



Editor *Tool Allows Application Programs to be Edited, Uploaded and Downloaded.*

SOFTWARE