

# Other Software

SmartTERM, DMCSetup, MotorSizer™, HelloGalil™

GalilTools is recommended for DMC-40x0, DMC-18x6, DMC-21x3, DMC-18x2 and RIO. Use the software utilities below for other Galil controllers.

**SmartTERM**—Terminal program for sending commands, downloading and editing programs, and updating flash firmware. Also includes **DMCNet**, an Ethernet utility for detecting and addressing Ethernet controllers.

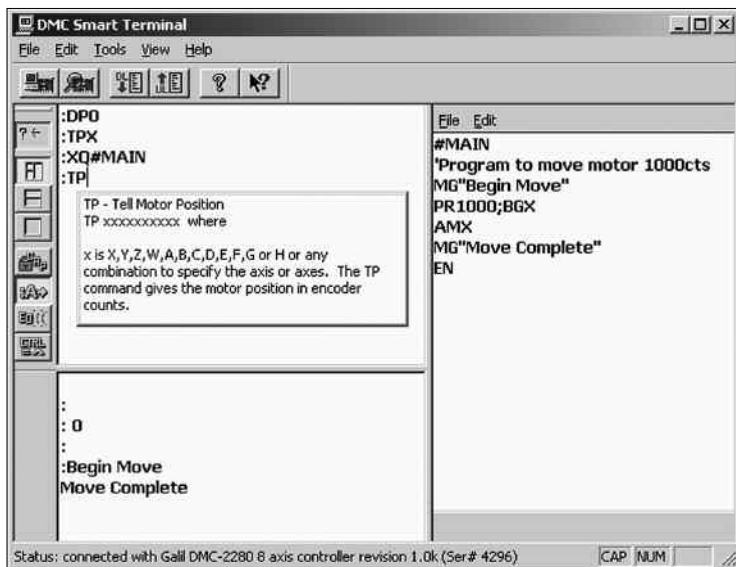
**DMCSetup**—Utility to upload, download, view, and save burned parameters to disk.

**DMCDOS**—Utility programs and example source code for communicating in the DOS environment.

**DMCQNX**—QNX6 utilities for PCI.

**DMCLNX**—Linux Terminal with PCI, and Ethernet drivers.

SmartTERM



## DMCSetup

Galil's Setup software is for easily displaying and editing the configuration parameters of Galil controllers. You can see the contents of the controller registers "at a glance."

You can view motor type, filter parameters, default settings, switch status, etc. To change a parameter, you merely "click" on that parameter with the mouse and enter a new value. This makes setting up the controller a snap.

The software tool also lets you save (and load) parameters to (and from) a file. This is useful prior to master resets or changing firmware. The software also has a terminal and on-line help. This software is included on the Galil software CD.

## Web-based MotorSizer™ Tool

Galil's MotorSizer is a free, web-based tool for easy sizing of your motion system. This easy-to-use tool lets you specify your load and motion requirements for various mechanical systems. MotorSizer performs a thorough analysis to select motors and amplifiers (or enter your own) that can drive your load to the motion requirements. Galil's MotorSizer tool analyzes both stepper and servo motor systems. MotorSizer is password protected (registration is required) and automatically saves your data for future reference.

## HelloGalil™

### Quick Start for PC Programming Languages

For programmers developing Windows applications that communicate with a Galil controller, the HelloGalil library of quick start projects immediately gets you communicating with the controller from the programming language of your choice. In the "Hello World" tradition, each project contains the bare minimum code to demonstrate communication to the controller and simply prints the controller's model and serial numbers to the screen:

