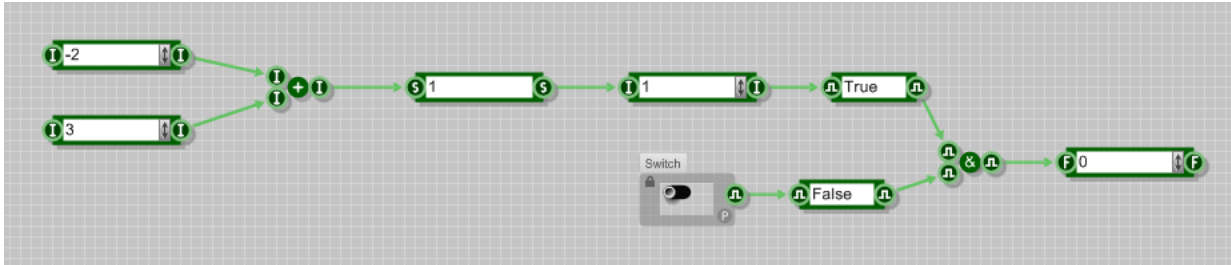


FlowStone is a new Graphical Programming Language aimed at real-time Digital Signal Processing (DSP), Robotics and Embedded applications. FlowStone is a drag and drop environment where you combine high-level and low-level modules to build real time applications. The modules include things such as: simple Add, Multiply, Subtract, up to PID, FFT, IK, Networking etc. These are joined together by dragging wires between modules with various data types: Integers, Strings, Floats, Audio, Boolean, Graphics, Arrays etc.



simple FlowStone program showing different data types

Data acquisition;

In order to get real-time signals in and out of FlowStone we have included a comprehensive range of high-level DAQ modules:

Phidgets: FlowStone supports the entire range of Phidgets DAQ interfaces! There are too many to list but here are a few examples, Digital I/O, Analogue I/O, Accelerometers, Relays, Temperature Sensors, Current Sensors, Motor Control, Servo Control, LCD Displays, LEDs, RFID etc. etc. The entire range can be seen at : www.phidgets.com

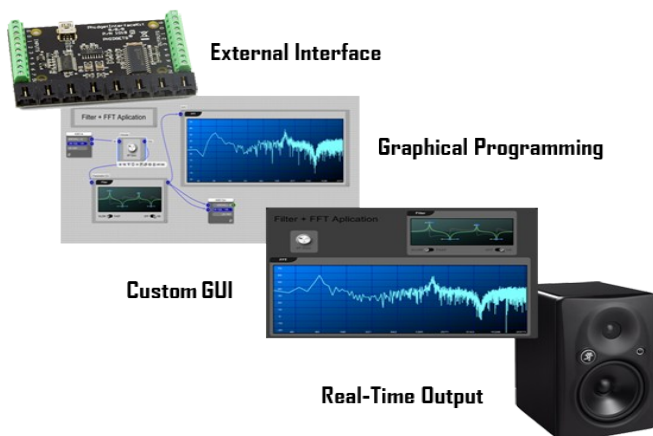
COM Ports: There are literally hundreds of COM Port DAQ devices available that are compatible with FlowStone, from simple DAQ boards, to laser range finders, servo controllers, PLCs, LCD Displays, Relays etc.

Wii Remote (Wiimote): FlowStone supports the full Wii Remote controller and Nunchuk which is a great tool for controlling robotics or doing infra-red motion detection.

Networking: FlowStone has both TCP and UDP modules to communicate with network devices or send and receive network data. Control your FlowStone applications over the web! Ideal for Home-Automation or remote monitoring!

Video: FlowStone also handles streaming video and digital video effects (DVE) and motion detection.

Audio: FlowStone can process real-time audio and perform advanced signal processing, voice recognition, data acquisition, FFTs, audio recording and playback, music synthesis etc.



GUI: FlowStone has powerful GUI components to create you own custom GUI

Deployment: FlowStone applications can be compiled down to a single standalone **EXE** file. This can be run on a PC, Laptop, Netbook, or Embedded PC system.

Download: FlowStone *FREE* can be downloaded from: www.dsprobotics.com