Mavometer

Release 0.1.0

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Contents:

Mavometer is a GUI app that displays MAVLink connection information and statistics.

It can operate on a live connection (e.g. the stream mirrored by Mission Planner) or it can read a file.

It provides connection-level information, such as protocol version, and message information, such as data rate by message type.

It is not a protocol analyzer - it does not display individual message contents. It is not a ground station - it does not read or display telemetry values from MAVLink messages.

It is written in Python, and should run on any OS that supports PyQt5 and pymavlink.

Get started at the Python Package Index page.

Command Line Arguments

You can provide any command line option that is valid for Qt, for example if you are running on a Windows platform you could provide `-style windowsvista`.

You can provide any command line option that is valid for the underlying windowing system used by Qt. For example, if you are running on X Windows, `--display :0`.

Most of the command line options processed directly by **Mavometer** have to do with setting up the MAVLink protocol source. Here all the options currently supported:

`--help`	Print usage message
`--mavlink-port`	Device, file or network address from which to read MAVLink
`--mavlink-dialect`	Set MAVLink dialect to any installed pymavlink dialect
`--mavlink-version`	Set MAVLink version to 1.0 or 2.0

Examples of `--mavlink-port`:

`--mavlink-port /dev/ttyACM0`	Direct USB connection on Linux
`--mavlink-port /dev/ttyUSB0,57600`	USB connected FTDI UART at 57.6 Kbits/s
`--mavlink-port test.tlog`	Read from file `test.tlog`
`--mavlink-port tcp:127.0.0.1:14551`	TCP connection

Examples of `--mavlink-dialect`:

`--mavlink-dialect ardupilotmega`	Use dialect ArduPilotMega