Megawin

USB EasyCOM for Linux

User Manual

How to use USB & COM application

1. Introduction

Basically, these 2 applications are identical except some minor differences. There are port line, and baud-rate which need to be selected before Write, Read or Write/Read transfer.

There are 4 transfer types:
1. **USB write and COM read**
2. **USB read and COM write**
3. **USB write/read and COM write/read**
4. **Application – data loop back**

Because this is **a GTK program** and if you are under KDE desktop and want to compile this application, first need to make sure that you have enough packages to build.
● "sudo apt-get install build-essential"
● "sudo apt-get install libgtk2.0-dev"
● "sudo aptitude install gnome-core-devel"

*Note: if your COM port is ttyS0, make sure you change its to proper mod bit,
       "sudo chmod 666 /dev/ttyS0" and enter your sudo password.
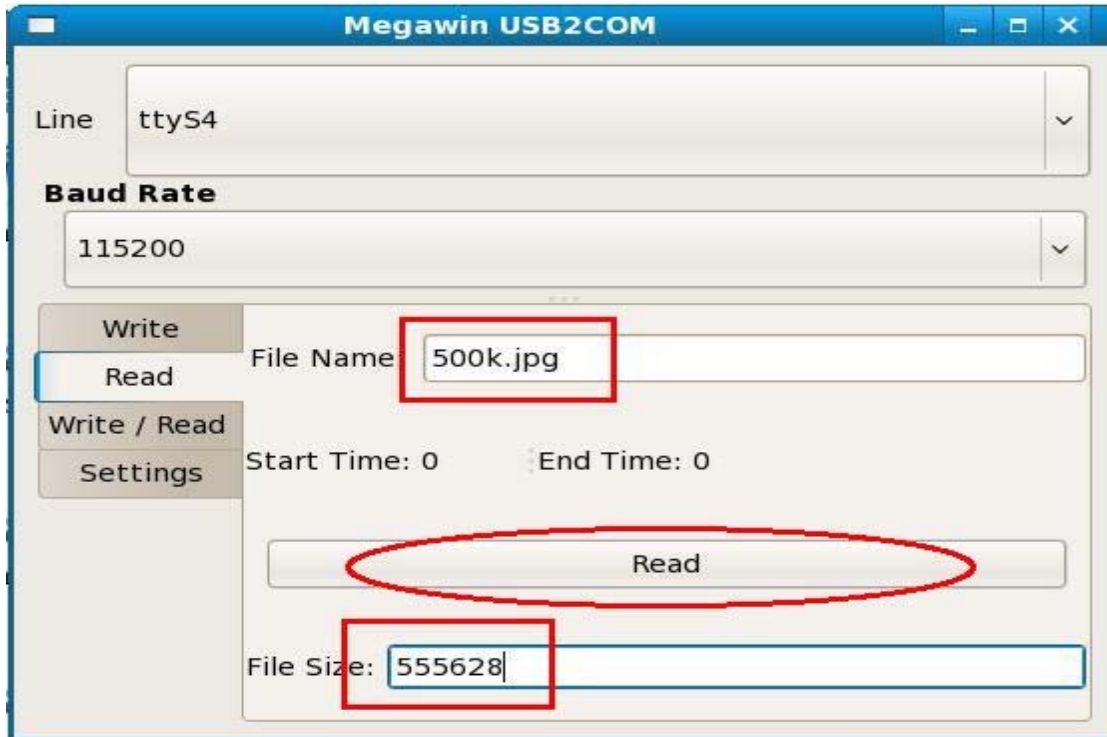
1.1. Type 1: USB write / COM read
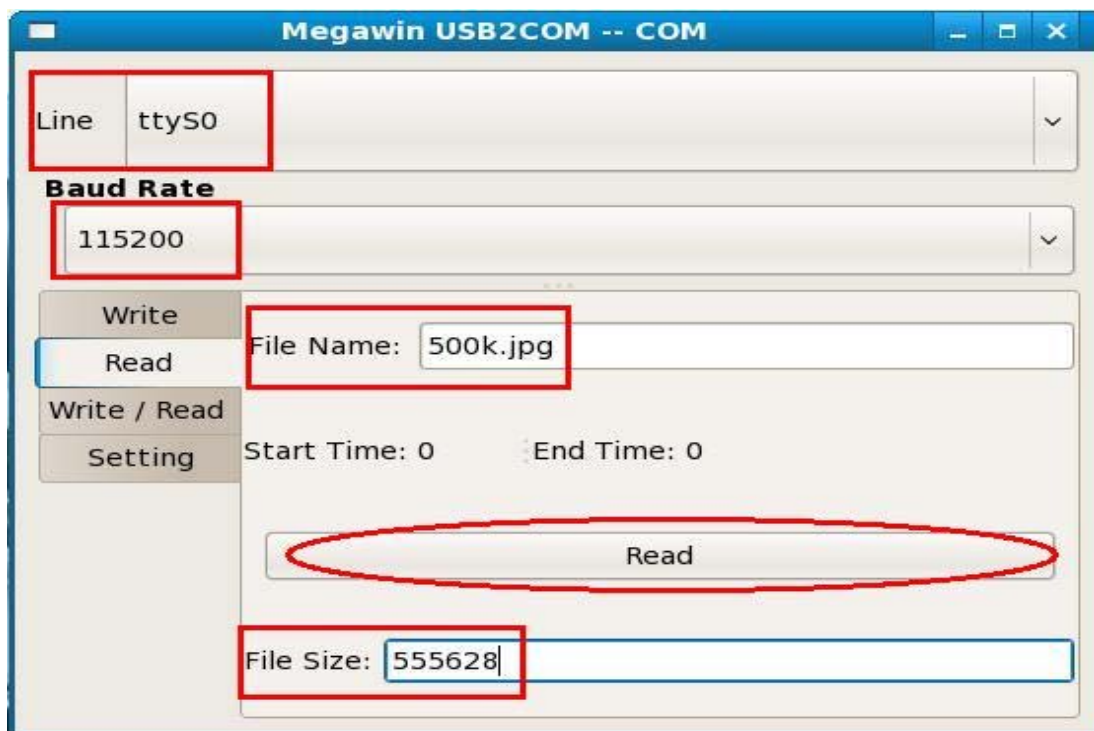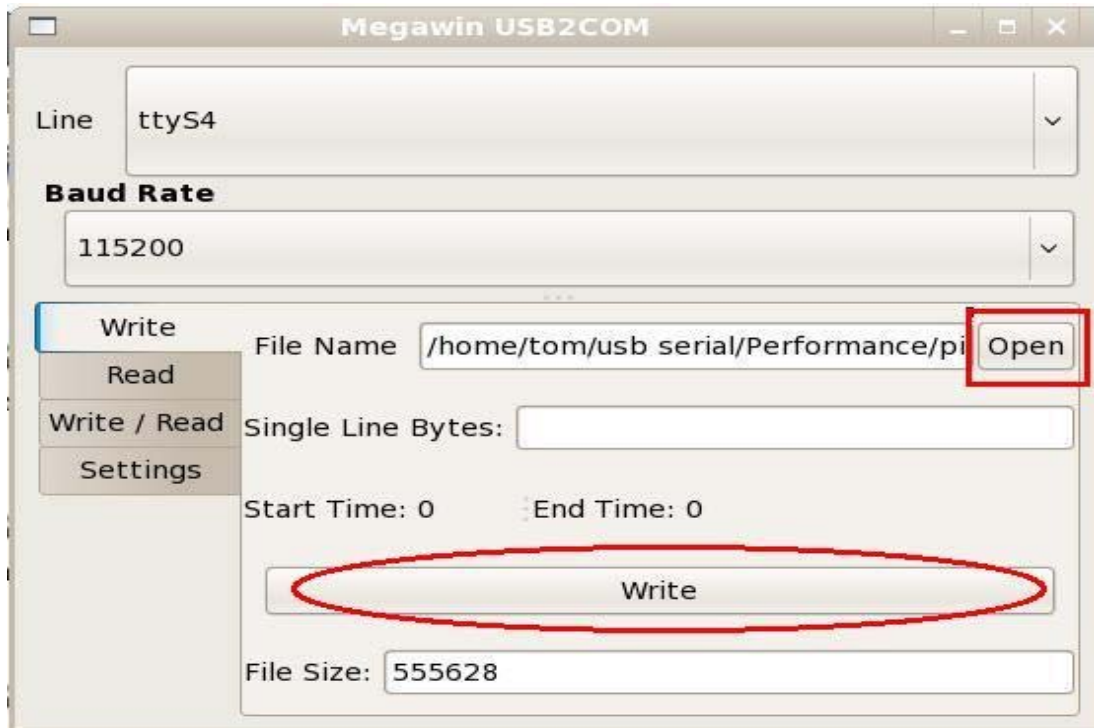
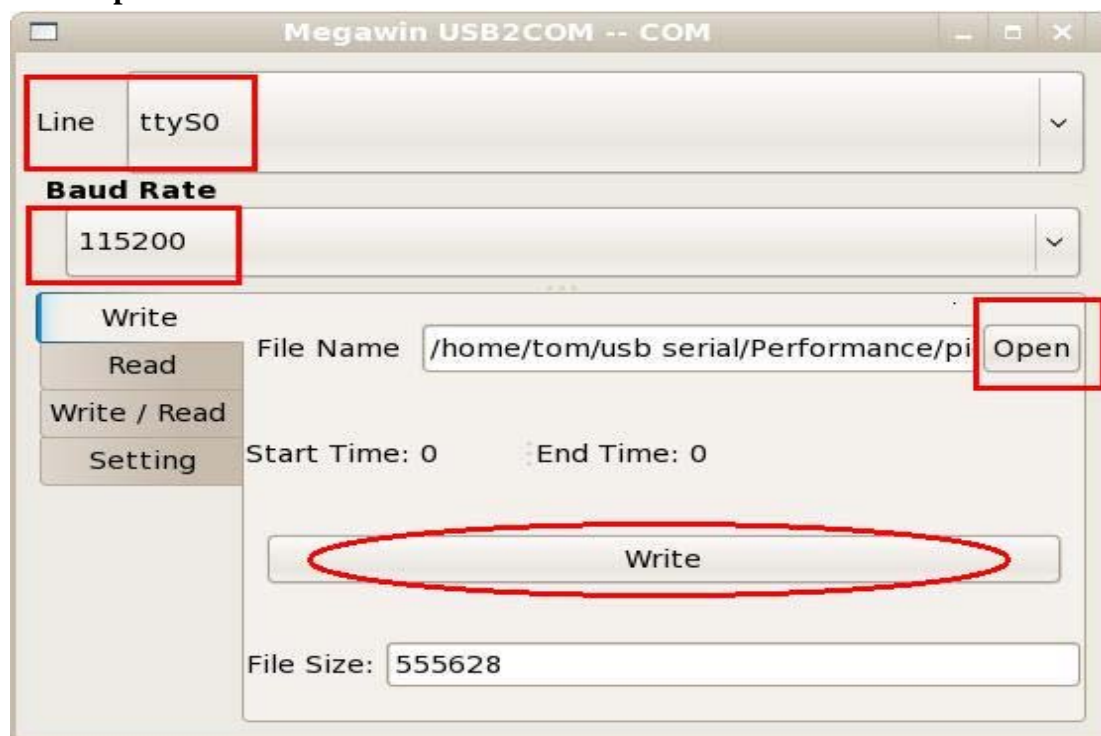**COM: key in file size and file name that is going to be received. And click Read Button.**

Remember, COM needs to be read before USB writes; otherwise, data will be lost.
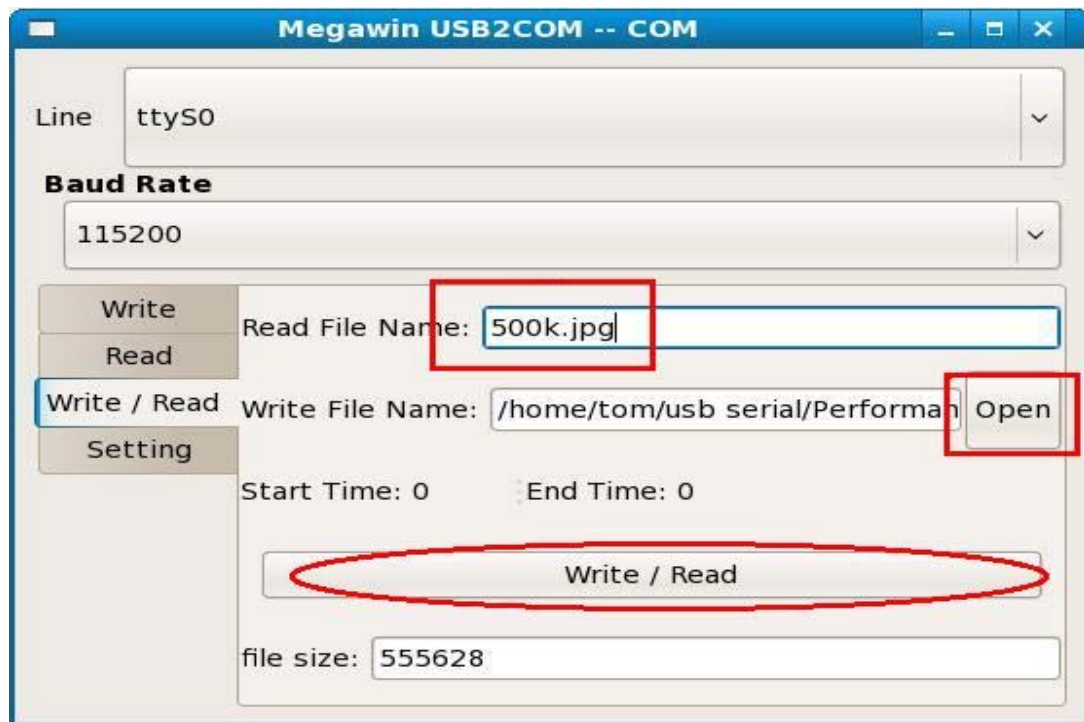
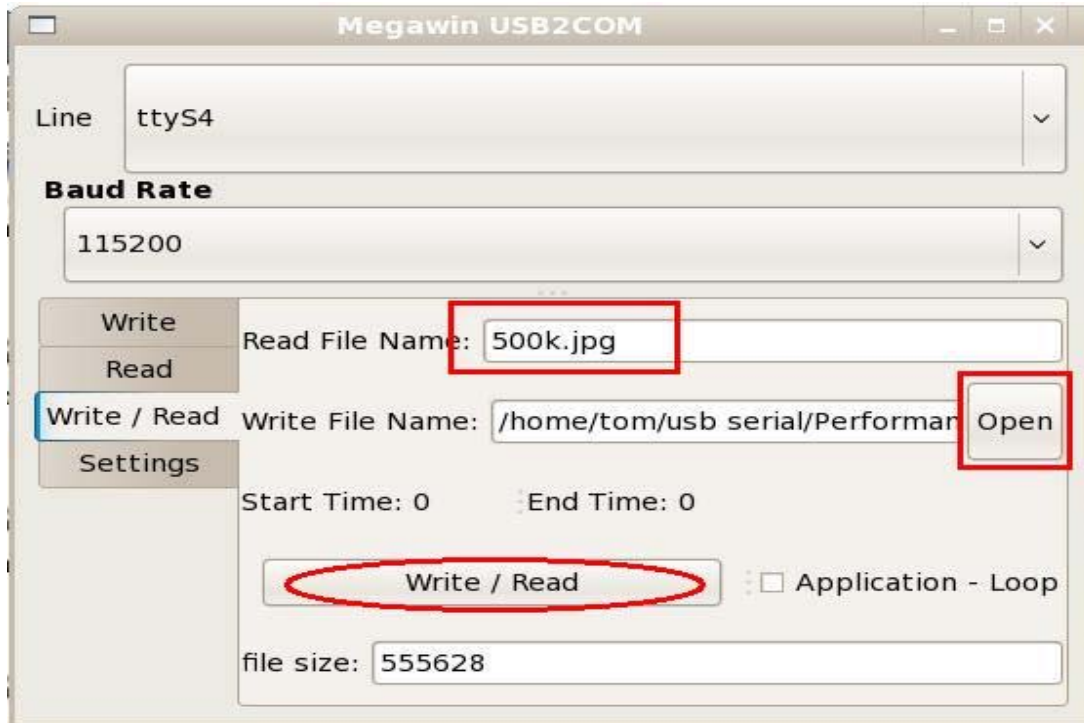## 1.2. Type 2: USB read and COM write

USB: key in the file size and file name. And click Read button.

COM: click Open button to select a file to transfer and click Write button to start.

1.3. Type 3: USB write/read and COM write/read

USB: Click Open button to select a file, and key in the file name that is going to received.
And click Write/Read button to start.

COM: follow USB steps. Note: click USB Write/Read first, and COM Write/Read second.

1.4. Type 4: Application Loop back.

USB: follow Type3, check on the option of "Application – Loop Back ", and click Write/Read.

Note: this particularly transfer type is when Tx and Rx are wired together.

And the last is for the other settings such as: Parity, Stop Bit and Data Bit.