

THIS SOFTWARE IS PROVIDED WITH NO WARRANTY OF ANY KIND. USE COMPLETELY AT YOUR OWN RISK.

This is primitive version 0.1 of this software.
Feb 18 2024

Suggested Usage

1. Download as user **pi**. Move all software to a directory **/home/pi/icom**
It is possible that the command **unzip icomemulator.zip** may unzip this for you.
2. As user **pi**, copy the icon file **ICOMEmulator.desktop** to the directory **/home/pi/Desktop**

```
cp /home/pi/icom/ICOMEmulator.desktop /home/pi/Desktop
```

There is probably a way to do this graphically as well.

3. Using a UART-UART connection cable, connect a USB port from the Windows pc to a suitable USB port on the Raspberry pi. In Version 0.1 of this software, this must be **/dev/ttyUSB0**

You can examine the contents of **/dev** with **ls /dev** to see if it could have become something else.

4. Start the sBitx software, version 3. This software will not work with a version 2 software, because it requires a connection to the telnet port 8081. If a terminal window does not show up, something went wrong with either cconnection to the **/dev/ttyUSB0** or the telnet port.
5. Start your Windows application and set it for the proper COM port. Use Device Manager to find it if needed; set the port for 115200 baud (possibly in both the Device Manager and in your application). Set for no handshaking.
6. When your Windows application sends commands, you should see typing in the terminal window that **icomemulator** created. If not, something is wrong.

Note: the commands used to compile this software were:

```
cd /home/pi/icom  
gcc term.c lock.c socketclient.c -o icomemulator
```