

# TGP application creation

## Install VisualTFT

VisualTFT download page (Chinese): <https://www.gz-dc.com/category/typeid/8>

VisualTFT installation: [visualtft\\_3.0.0.1249.rar](#)

- Download,
- Unzip (Unrar)
- Install

## Prepare TGP application

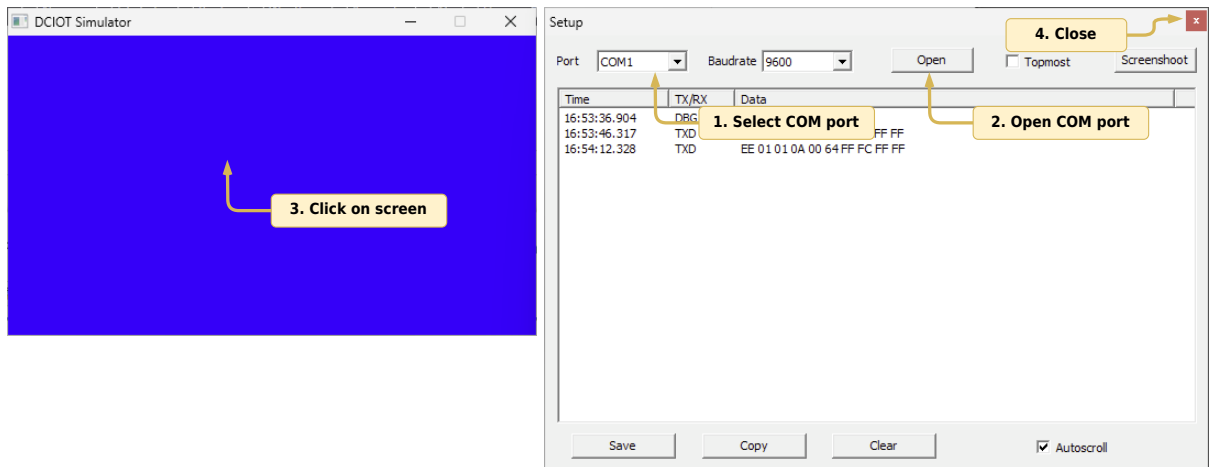
- Download and unzip TGP template: [tgp\\_template.zip](#)
- In VisualTFT open # `tgp_project.tftprj`
- prepare screens and graphical elements
- edit `main.lua` to process communication between TGP and CyBro

## Testing TGP

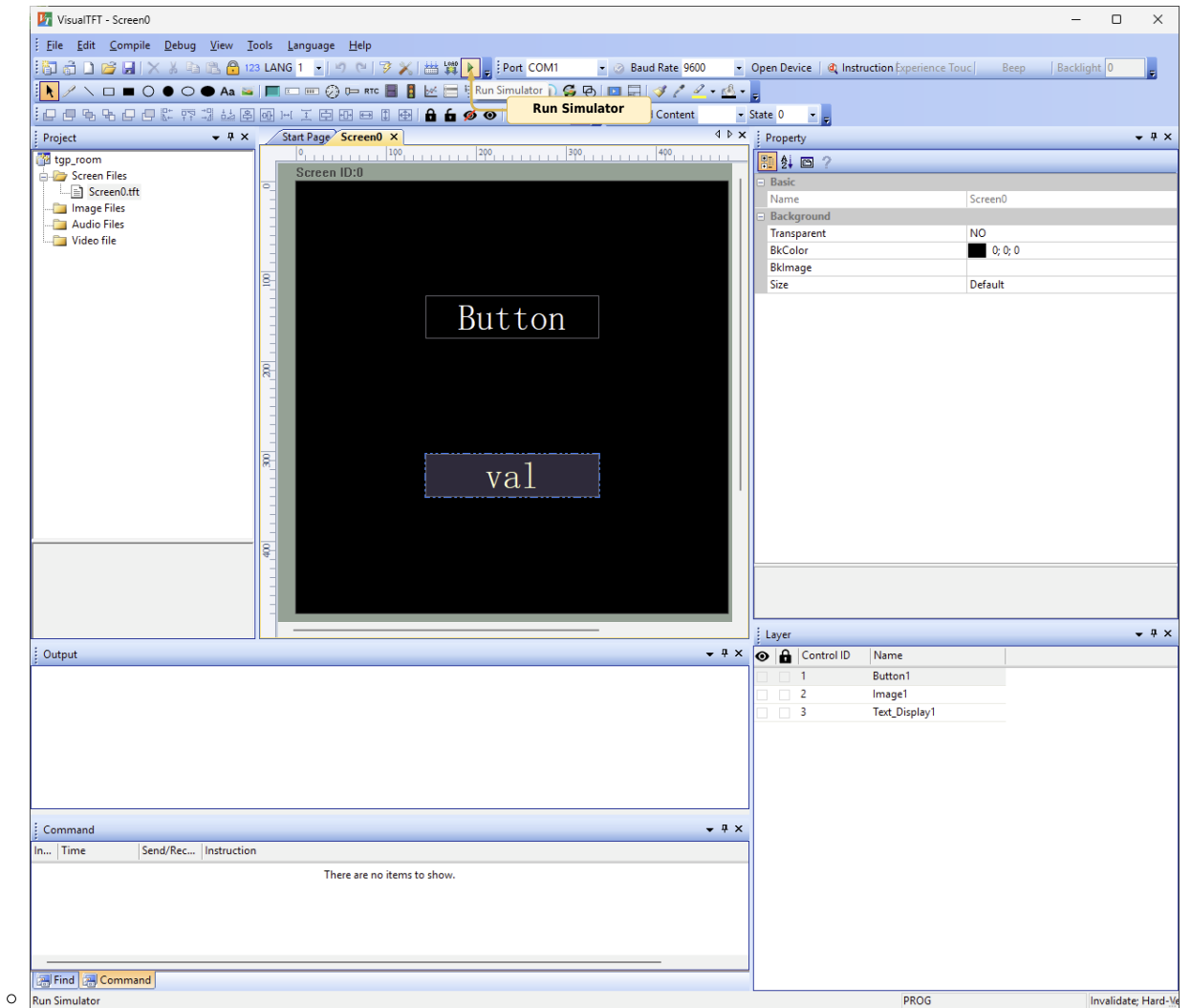
- Connect CR-D1 A and B to USB to COM adapter
- In VisualTFT installation folder find and run `TFTSimulator.exe`



- In VisualTFT installation folder find and run DCIOT .exe

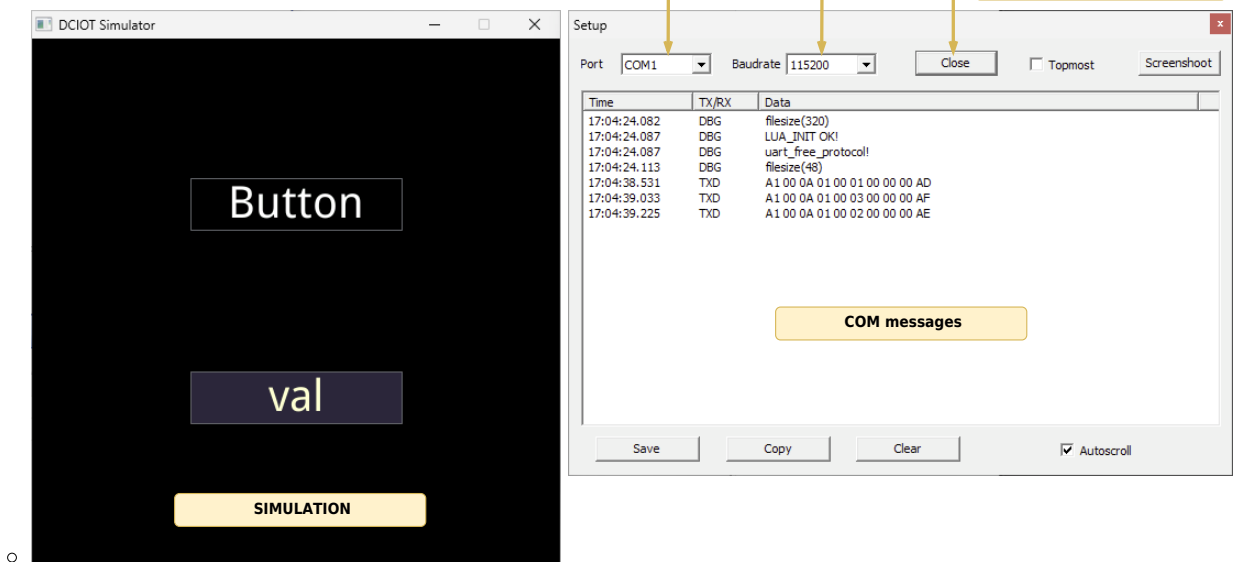


- Run simulator

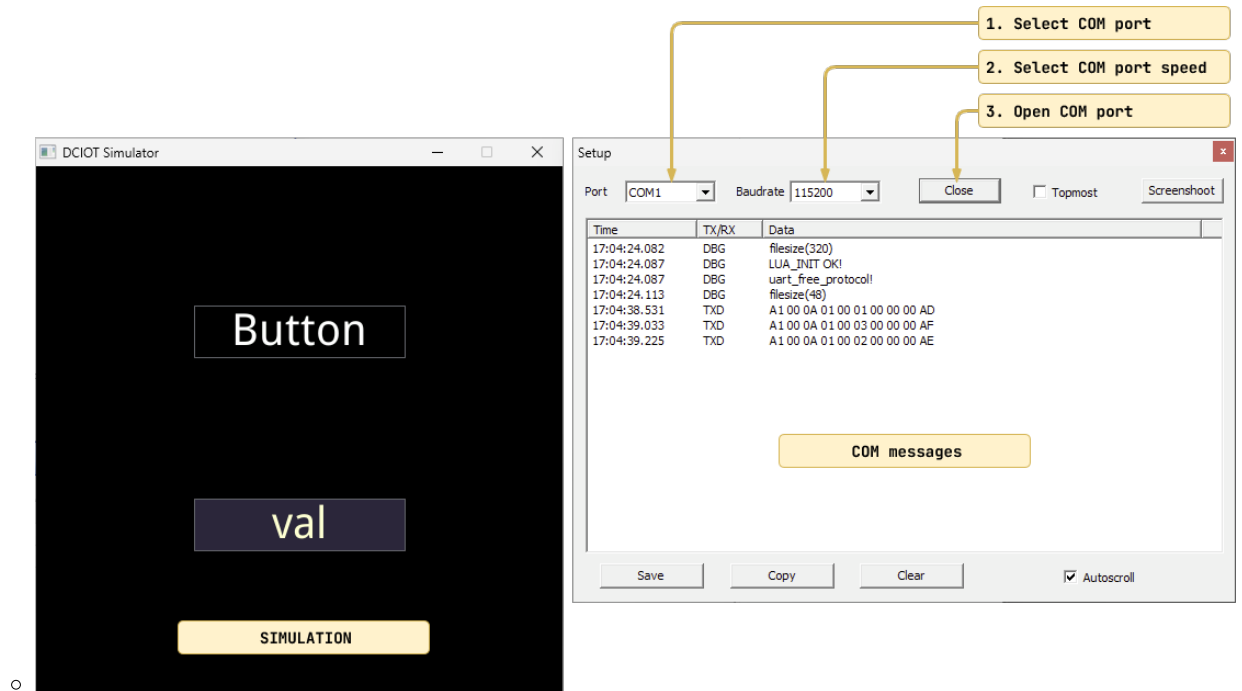


Run Simulator PROG Invalidate; Hard-We


1. Select COM port
2. Select COM port speed
3. Open COM port



Save Copy Clear Autoscroll



## Transferring application to TGP

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- Insert micro SD card into slot at bottom of TGP (SD card contacts versus front of display)
- Reset TGP with pin (pinhole on bottom right side)