

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](#)

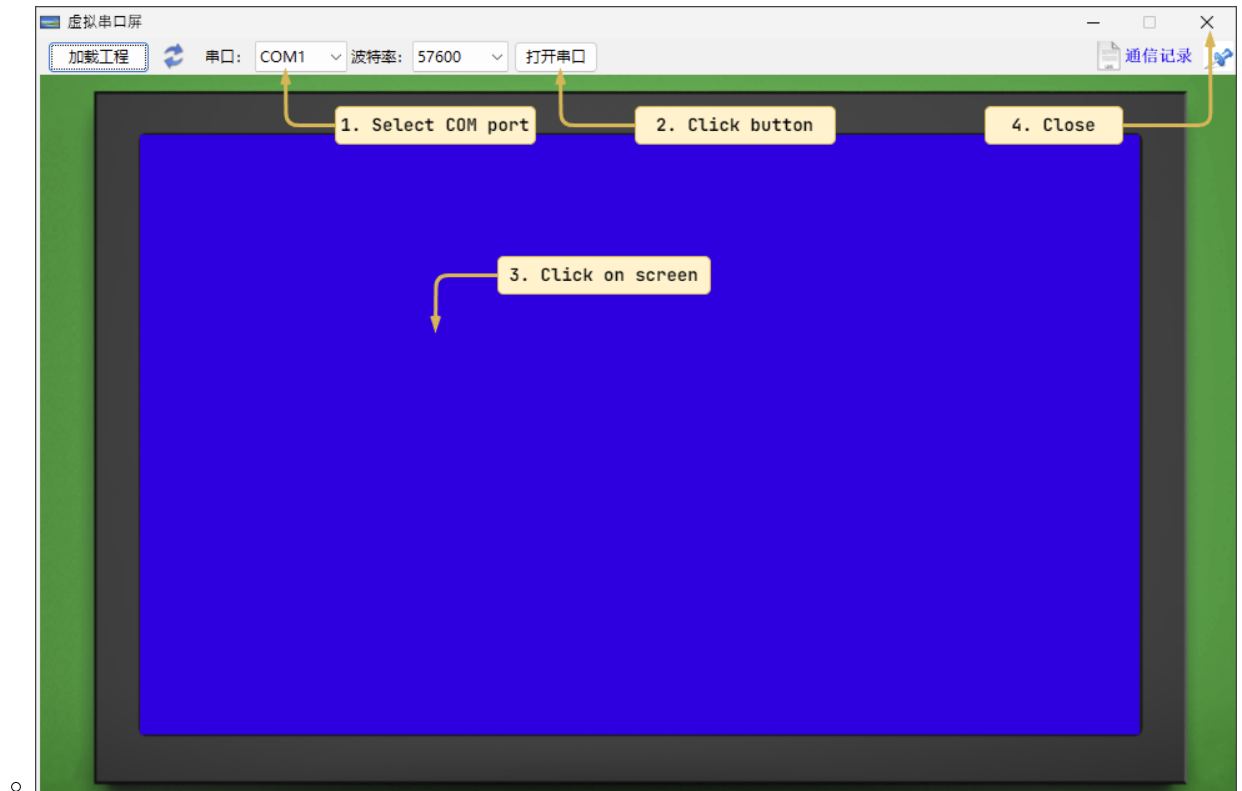
- Download,
- Unzip (Unrar)
- Install

Prepare TGP application

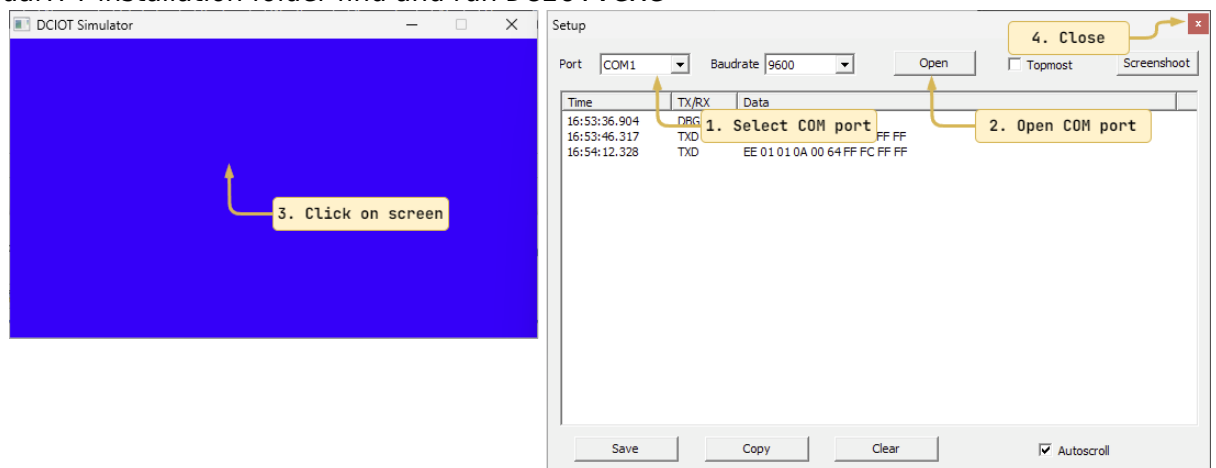
- Download and unzip TGP template: [tgp_template.zip](#)
- In VisualTFT open # `tgp_project.tftprj`
- prepare screens and graphical elements
- edit `main.lua` to process communication between TGP and CyBro

Testing TGP

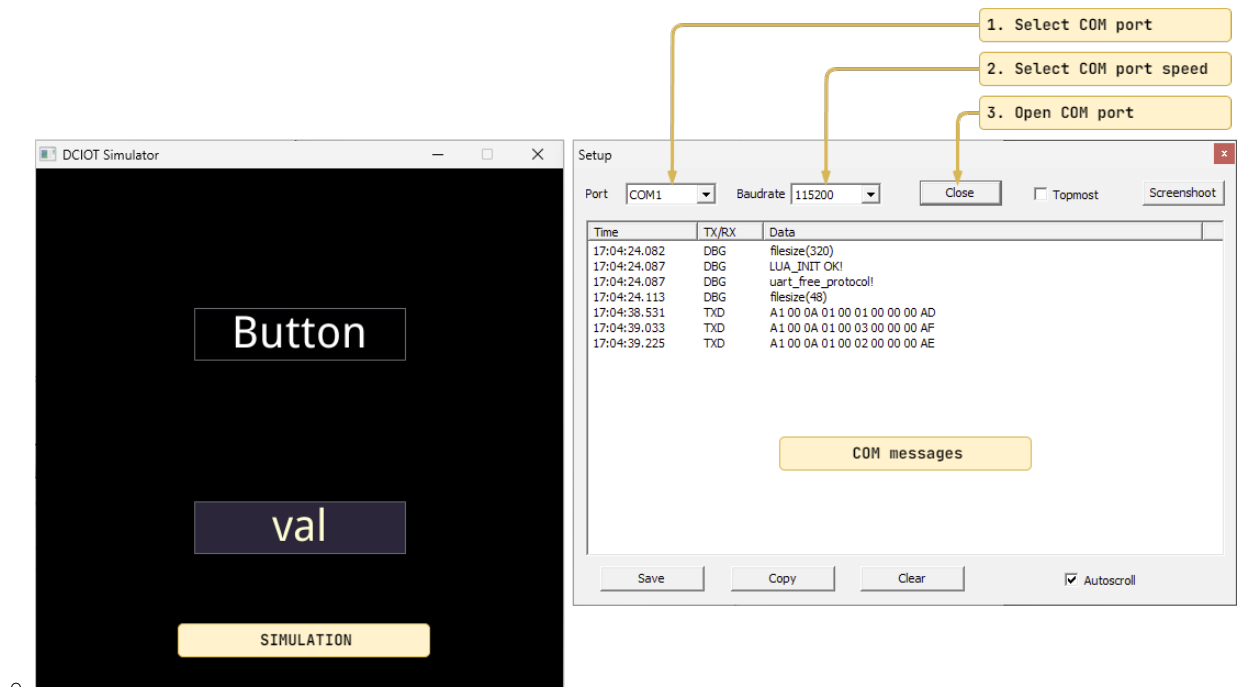
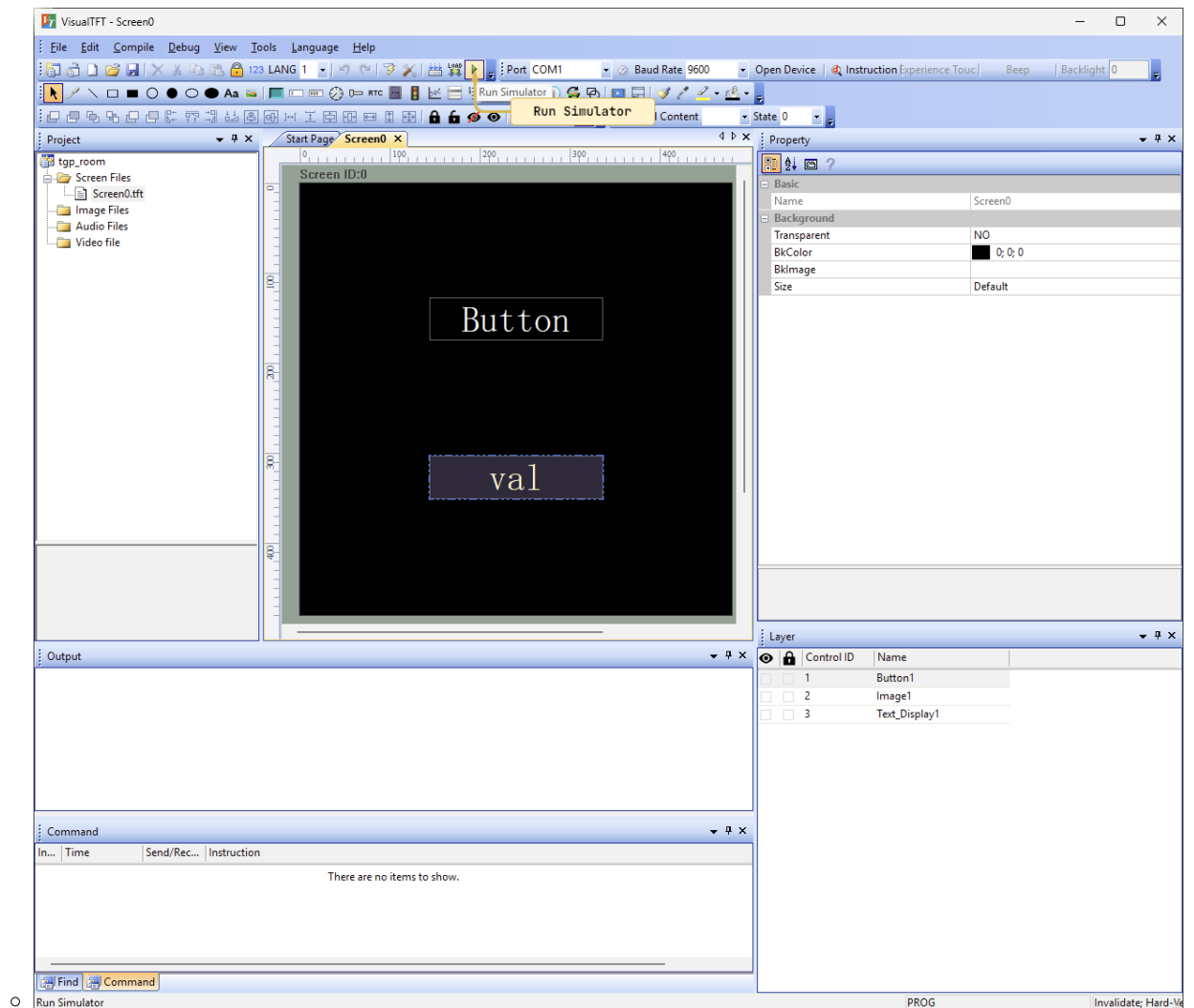
- Connect CR-D1 A and B to USB to COM adapter
- In VisualTFT installation folder find and run `TFTSimulator.exe`



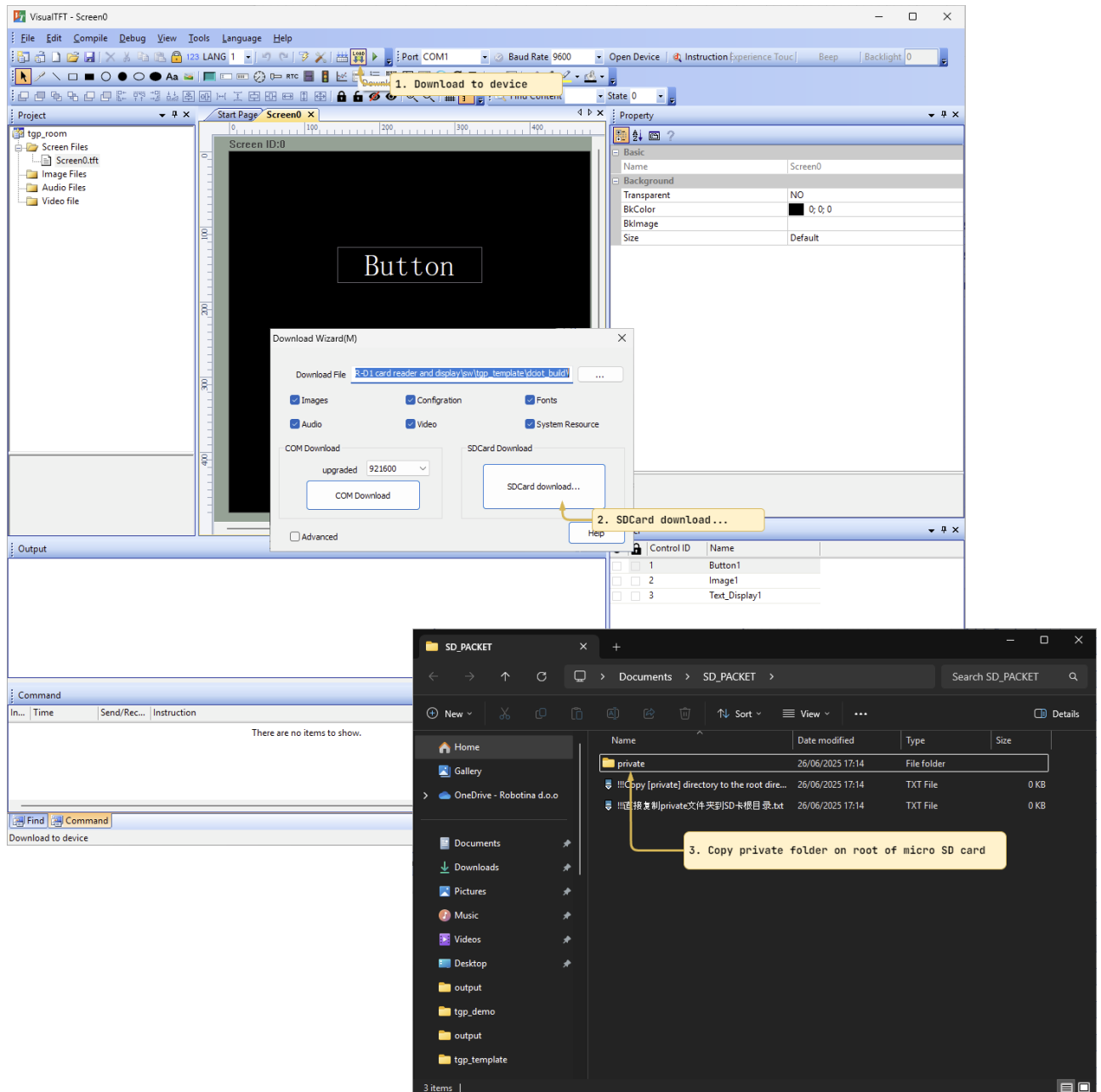
- In VisualTFT installation folder find and run DCIOT .exe



- Run simulator



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)