GODRAW-WINE MANUAL

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1 INTRODUCTION

GoDraw-Wine is a collection of scripts aimed at making it easier to run GoDraw in the Wine package on Linux systems. I am grateful to John Collins for pioneering the basics of the scripts.

Each script covers a particular aspect of the process for running GoDraw in Wine, and maintaining this software. The GoDraw-Wine collection is distributed in the file Godraw-Wine.tar.gz.

2 WINE

The Wine package[1] enables you to run Windows applications in Linux. Many distributions offer Wine. I have installed Wine in Debian 8 and 9, and John Collins has installed it in Ubuntu. Details of installation are beyond the scope of this manual, but I have found the installation straightforward.

Once Wine is installed it creates a directory $\sim$/`.wine`. GoDraw itself will be installed in `.wine/drive_c/users/Public/GoDrawSys`.

3 INSTALLING GoDraw-Wine

Locate

Create a directory in your home directory where you want to locate GoDraw-Wine. For reference I will call this directory `GWINE`.

It is recommended that all downloads associated with GoDraw are also copied to `GWINE`, so that scripts can easily find the files they need.

Install Godraw-Wine

Download `Godraw-Wine.tar.gz` to `GWINE`, then extract the archive *in* `GWINE`.

This will create a sub-directory `GWINE/GoDraw-Wine` containing script(`.sh`) and icon(`.png`) files comprising the GoDraw-Wine collection.

The following is a brief description of the scripts supplied. All of these can be run from the command line with the working directory set to `GWINE/GoDraw-Wine`. All the scripts are run without parameters.

`extract-godraw-wine.sh`

Runs the highest versioned self-extractor `godrawvDDD-U.exe` in Wine. See Section 4 for details.

`launch-godraw-wine.sh`

Runs GoDraw.exe in Wine after successfully passing sanity checks. See Section 5 for useful notes.

`make-godraw-desktops.sh`
    Creates (`*.desktop`) files in `GWINE/GoDraw-Wine`. See Section 6 for usage.

`make-godraw-links.sh`
    Creates symbolic links to `.../GoDrawSys` and `.../GoDrawSys/Tours` in `GWINE`. See Section 7 for usage.

`lib-godraw-wine.sh`
    Carries out common sanity checks used by all scripts.

4   EXTRACTING GODRAW

All the released GoDraw program files[2] for use in Wine have names like: `godrawvDDD-U.exe`, where *DDD* forms a 3 digit version number. The script `extract-godraw-wine.sh` searches for the highest version number *DDD* to process. It is assumed that you have downloaded the extractor to `GWINE`.

The script carries out sanity checks, and if these pass, you are then asked to confirm that you wish to continue by typing (y). Any other key will abort the extraction.

On continuing, Wine then runs `godrawvDDD-U.exe`. This produces the Winzip extractor dialogue (with a Wine logo). The default extraction path has been set to: `C:\Users\Public\GoDrawSys`. You are advised not to change this path, so that all the other scripts will work as expected.

Press the Unzip button on the dialogue. All the files are then extracted, and you will get a Windows message: "38 files extracted". Press the Close button to dismiss the dialogue.

After extraction, further checks are carried out to ensure that `GoDrawSys` and `GoDraw.exe` exist, and you will get a message if any of these fail.

5   RUNNING GODRAW

Once GoDraw has been extracted, `GoDraw.exe` is placed in the directory:

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`.wine/drive_c/users/Public/GoDrawSys`.

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The `launch-godraw-wine.sh` script provides convenient access to `GoDraw.exe` for running in Wine. Once you run the command, the GoDraw window is presented and you can use all of the GoDraw features as if you were running in Windows.

One advantage here is that the native help system built into GoDraw works well in XP, and when running GoDraw in Wine. Support for the help system was dropped by MS from Vista on. If you are new to GoDraw further information is available online[3]. This includes a quick tour to help you get started.

Be sure to check out the GoDraw features including printing and editing the draw using the keyboard, before running a real tournament with GoDraw in Wine!

6   USING DESKTOP FILES

These files have extension `.desktop`. They provide a way of accessing the scripts from the distribution Applications menu, or the Destktop directory.

Run the sript `make-godraw-desktops.sh` from the command line. The desktop files are produced in `GWINE/GoDraw-Wine`. You can now:

- Copy these files to the Desktop directory if you want icons on your desktop.

- Copy these to `/.local/share/application` if you want to access these via the menu system.

You can find details of `.desktop` file formats in freedesktop.org[4]. The Ubuntu forums also provide useful information. Finally, you may wish to change the default icons provided by your distribution for the `.png` icons suplied with GoDraw-Wine.

7 USING THE GODRAW LINKS

The `make-godraw-links.sh` script is run from the command line and it creates symbolic links to `.../GoDrawSys` and `.../GoDrawSys/Tours`. For convenience these are placed in the *parent* of GoDraw-Wine i.e. in GWINE itself.

When running GoDraw you will sometimes need to download files from the BGA site, and a convenient place for these is your personal location `GWINE`. You will also need to email the GoDraw tournament file (`.gdt`) located in `.../GoDrawSys/Tours` to the BGA at the end of the tournament. The links enable you to more easily copy or fetch files in `GoDrawSys` and `GoDrawSys/Tours`.

You can copy these links to the desktop or your application panels. Again, if you wish you can change the default icons for these to the `.png` icons supplied in GoDraw-Wine.

References

[1] `https://www.winehq.org`

[2] `http://www.britgo.org/downloads/godraw/`

[3] `http://www.britgo.org/godrawsys/help/index.html`

[4] `https://www.freedesktop.org/wiki`