

Contents

PetPet	3
Why PetPet?	3
Commandline options	3
Usage	4
main control	4
mouse control	4
draw modes	4
File Formats	5
Author	5
Acknowledgements	5
Getting Started	6
Run the Python3 script directly	6
Prerequisites	6
Changelog	7
Future plans	7
Changes in 1.0	7
License	8
GNU General Public License	9
Preamble	9
TERMS AND CONDITIONS	10
0. Definitions	10
1. Source Code	11
2. Basic Permissions	11
3. Protecting Users' Legal Rights From Anti-Circumvention Law	12
4. Conveying Verbatim Copies	12
5. Conveying Modified Source Versions	12
6. Conveying Non-Source Forms	13
7. Additional Terms	15
8. Termination	16
9. Acceptance Not Required for Having Copies	17
10. Automatic Licensing of Downstream Recipients	17
11. Patents	17
12. No Surrender of Others' Freedom	19
13. Use with the GNU Affero General Public License	19
14. Revised Versions of this License	19

15. Disclaimer of Warranty	20
16. Limitation of Liability	20
17. Interpretation of Sections 15 and 16	20
How to Apply These Terms to Your New Programs	20
Python 3 license	22
Tcl/Tk License Terms	23
argparse	23
History	24

PetPet

PetPet is a PETSCII editor for Commodore 64 computers. It runs on 64 bit versions of Linux, MacOS, Windows and other systems supported by Python.

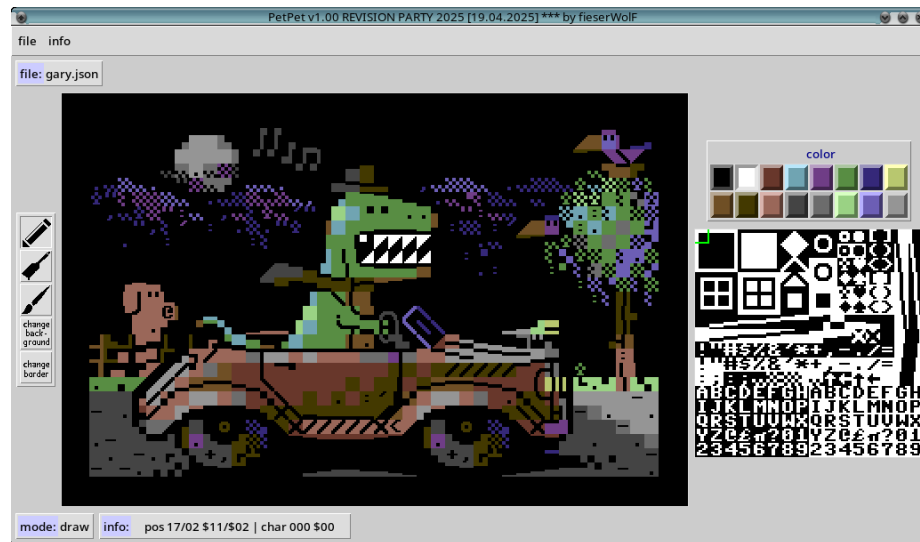


Figure 1: screenshot

Why PetPet?

reason	description
open source	easy to modify and to improve, any useful contribution is highly welcome
portable	available on Linux, MacOS, Windows and any other system supported by Python3

Commandline options

PetPet v1.00 REVISION PARTY 2025 [19.04.2025] *** by fieserWolf
usage: petpet.py [-h] [-p PETSCII_FILENAME] [-c CONFIG_FILENAME] [-f FONT_FILENAME]

This is a PETSCII editor. Press F1 for help in the program.

options:

-h, --help show this help message and exit

```

-p, --petscii_file PETSCII_FILENAME
    petscii filename (.json)
-c, --config_file CONFIG_FILENAME
    name of configuration file (.json)
-f, --font_file FONT_FILENAME
    name of font (2048 bytes)

```

Example: `./petpet.py -p gfx.json -c config.json -f font.bin`

Usage

main control

shortcut	description
Alt-o	open PETSCII (json)
Alt-s	save PETSCII (json)
Ctl-s	save PETSCII (json)
Alt-e	export PETSCII (bin)
Alt-g	toggle grid
Ctl-z	undo
Ctl-x	cut
Ctl-c	copy
Ctl-v	paste
Alt-q	quit

mouse control

mousebutton	description
left-mousebutton	draw
right-mousebutton	select a rectangle for cut and copy.

draw modes

mode	description
draw	set character and color
brush	set color only
pencil	set character only

Note: When setting the background (*d021*) and border (*d020*) color, select a color and then click into the petscii image.

File Formats

The PETSCII image is stored as a json file. It can be exported to a binary.

This is the binary format:

- 1000 bytes characters
- 1000 bytes colors
- 1 byte background color
- 1 byte border color

This is the PETSCII-EDITOR binary format:

- \$3000-\$33e7 chars
- \$33e8 border color
- \$33e9 background color
- \$33ea \$d018 (\$14 or \$16)
- \$3400-\$37e7 colors

Author

- fieserWoLF/Abyss-Connection - *initial work* - <https://github.com/fieserWoLF> <https://csdb.dk/scener/?id=3623>

Acknowledgements

- Logiker for testing and feature ideas
- Mermaid for the still wonderful PETSCII entitled “Gary”

Getting Started

Run the Python3 script directly

Download *petpet.py* and the whole *code* and *resource* - directory into the same folder on your computer.

Prerequisites

At least this is needed to run the script directly:

- python 3
- python tkinter module
- python json module
- python “argparse” library

Normally, you would use pip like this:

```
pip3 install tk argparse json
```

On my Debian GNU/Linux machine I use apt-get to install everything needed:

```
apt update
```

```
apt install python3 python3-tk
```

Changelog

Future plans

Any help and support in any form is highly appreciated.

If you have a feature request, a bug report or if you want to offer help, please, contact me:

<http://csdb.dk/scener/?id=3623> or wolf@abyss-connection.de

Changes in 1.0

released on REVISION PARTY 2025

- initial release

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Version 3, 29 June 2007

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argparse

<https://github.com/bewest/argparse> library used

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History

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