Contents

PetPet	3
Why PetPet?	3
Commandline options	3
File Formats	4
Author	4
Acknowledgements	4
Run the Python3 script directly	5 5
Changelog Future plans	6 6
License	7
GNU General Public License Preamble TERMS AND CONDITIONS 0. Definitions 1. Source Code 2. Basic Permissions	8 9 9 10 10
 3. Protecting Users' Legal Rights From Anti-Circumvention Law 4. Conveying Verbatim Copies 5. Conveying Modified Source Versions 6. Conveying Non-Source Forms 7. Additional Terms 8. Termination 	11 11 12 14 15
9. Acceptance Not Required for Having Copies	16 16 16 18 18
14. Revised Versions of this License 15. Disclaimer of Warranty 16. Limitation of Liability 17. Interpretation of Sections 15 and 16 How to Apply These Terms to Your New Programs	18 19 19 19

Python 3 license	2 1
Tcl/Tk License Terms	22
argparse History	22 23

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

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

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

 \bullet initial release

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Version 3, 29 June 2007

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argparse

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

argparse is (c) 2006-2009 Steven J. Bethard steven.bethard@gmail.com.

The argparse module was contributed to Python as of Python 2.7 and thus was licensed under the Python license. Same license applies to all files in the argparse package project.

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History

Before (and including) argparse 1.1, the argparse package was licensed under Apache License v2.0.

After argparse 1.1, all project files from the argparse project were deleted due to license compatibility issues between Apache License 2.0 and GNU GPL v2.

The project repository then had a clean start with some files taken from Python 2.7.1, so definitely all files are under Python License now.