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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.

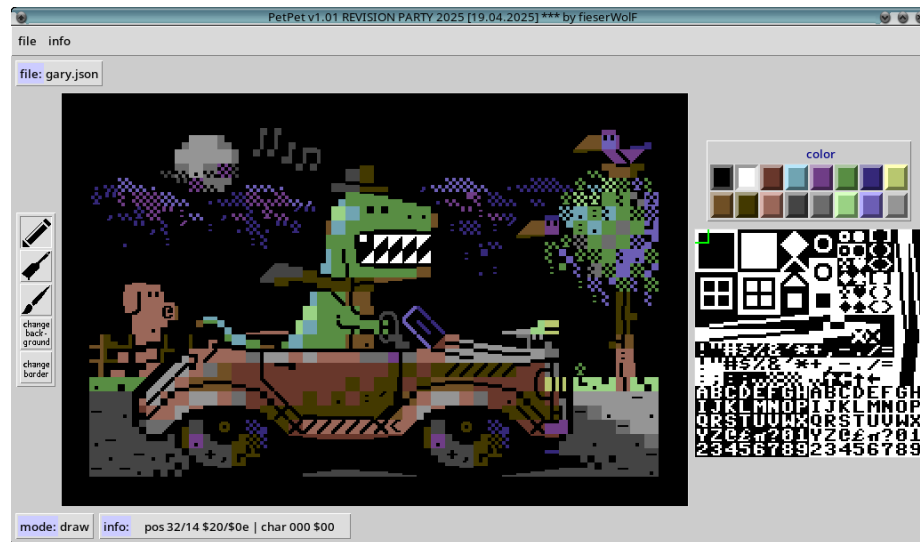


Figure 1: screenshot

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 v1.01 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`

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 1.01 REVISION PARTY 2025

- first public release
- various bug-fixes and speed optimizations
- cut, copy and paste feature
- PETSCII-Editor import and export
- new chars layout
- added border

Changes in 1.0

- initial private release for testing

License

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Version 3, 29 June 2007

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```
<program> Copyright (C) <year> <name of author>  
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```

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Python 3 license

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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.

For details about the Python License, please see `doc/Python-License.txt`.

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.