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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.

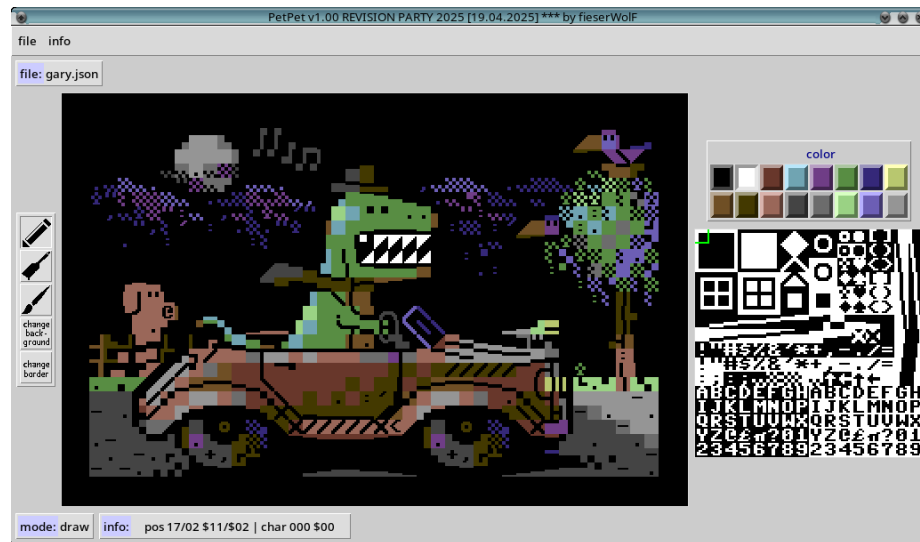


Figure 1: screenshot

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 v1.00 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`

File Formats

The PETSCII image is natively stored as a json file. There is also a binary import and export.

PetPet JSON format

object	key	type	value
info	program	string	“PetPet”
info	version	string	e.g. “1.0”
settings	background	number	color 0-15
settings	border	number	color 0-15
settings	font	string	filename of font
settings	grid	boolean	True or False
-	char	array of 1000 numbers	characters (0-255)
-	color	array of 1000 numbers	colors (0-15)

binary format

offset	size in bytes	value
0	1000	characters
1000	1000	colors
1001	1	background color
1002	1	border color

PETSCII-EDITOR binary format

offset	size in bytes	value
0	2	start address \$3000 (low, high)
2	1000	characters
1002	1	border color

offset	size in bytes	value
1003	1	background color
1004	1	\$d018 value (\$14 or \$16)
1029	1000	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

- improved selection box

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

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

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