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# FadeMaid

Fade me like one of your French girls.

FadeMaid is an editor for screen-values mapped to a multicolor bitmap for Commodore 64. It runs on 64 bit versions of Linux, MacOS, Windows and other systems supported by Python.



Figure 1: screenshot

## Why FadeMaid?

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
easy to use	editing is a bliss, instant preview

## Usage

For a list of quick keyboard shortcuts and other information see file cheatsheet.md or the full documentation in /doc.

## Commandline Usage

FadeMaid v2.0 [build 211113-164348] \*\*\* by WolF  
 usage: fademaidd.py [-h] [-i IMAGE\_FILE] [-d DATA\_FILE]

You can edit char-wise values with this.

optional arguments:

```
-h, --help            show this help message and exit
-i IMAGE_FILE, --image_file IMAGE_FILE
                        background image filename
-d DATA_FILE, --data_file DATA_FILE
                        fademaidd data filename
```

Example: ./fademaidd.py -i image.png -d data.bin

## File Format

The data is stored as a continuous 1000 bytes corresponding to the 40x25 screen of a Commodore 64 bitmap.

## Authors

- fieserWolf/Abyss-Connection - *code* - <https://github.com/fieserWolf> <https://csdb.dk/scener/?id=3623>
- The Mysterious Art/Abyss-Connection - *logo graphics* - <https://csdb.dk/scener/?id=3501>

## Getting Started

FadeMaid comes in two flavors:

- standalone executable for 64-bit systems Linux (MacOS/Darwin and Windows might follow) (see releases)
- Python3 script

### Run the standalone executable

Just download your bundle at releases and enjoy. Keep in mind that only 64bit systems are supported as I could not find a 32bit system to generate the bundle.

#### Note for Windows users

If some antivirus scanner puts FadeMaid into quarantine because it suspects a trojan or virus, simply put it out there again. It isn't harmful, I used PyInstaller to bundle the standalone executable for you. Unfortunately, the PyInstaller bootloader triggers a false alarm on some systems. I even tried my best and re-compiled the PyInstaller bootloader so that this should not happen anymore. Keep your fingers crossed ;)

#### Note for MacOS users

Your system might complain that the code is not signed by a certificated developer. Well, I am not, so I signed the program on my own.

"FadeMaid" can't be opened because it is from an unidentified developer.

You need to right-click or Control-click the app and select "Open".

### Run the Python3 script directly

Download *ditheridoo.py* and the whole *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 "The Python Imaging Library" (PIL)

Normally, you would use pip like this:

```
pip3 install tk pillow
```

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

```
apt-get update  
apt-get install python3 python3-tk python3-pil python3-pil.imagetk
```

# FadeMaid Cheatsheet

## keyboard shortcuts

key	function
Ctrl+q	quit
Ctrl+b	open background image
Ctrl+o	open fade-data
Ctrl+s	save fade-data
Ctrl+Shift+s	save fade-data as
Ctrl+c	clear fade-data
Ctrl+r	reload fade-data
F1	show help text
F2	show about text
Cursor Up	increase value +1
Cursor Down	decrease value +1
Cursor Right	increase value +16
Cursor Left	decrease value +16
Space	preview fade in
Return	preview fade out
a	toggle auto-mode
v	toggle show values
g	toggle show grid

## mouse control

mouse action	function
left mouse button	set value
right mouse button	delete value

# Changelog

## Future plans

- maybe: implement multiple layers

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](mailto:wolf@abyss-connection.de)

## Changes in 2.01

- control buttons
- save data as - function
- toggle showing the grid and the values
- auto mode for continuous drawing with increasing or decreasing values
- about window
- various bug-fixes and optimizations

## Changes in 2.0

- complete rewrite from scratch in python

## Changes in 1.0

- initial release



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*FadeMaid editor for Commodore 64 screen-values.*

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