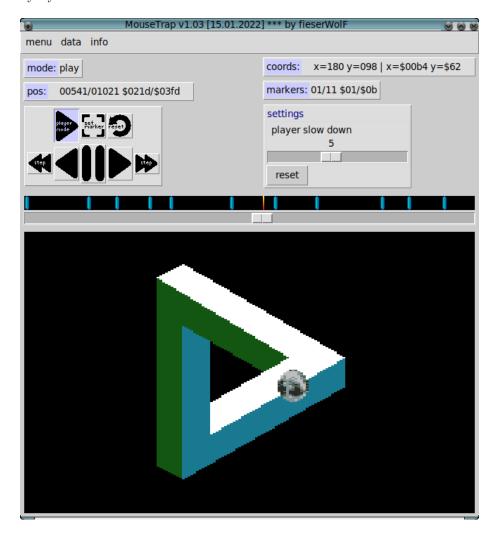
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MouseTrap

MouseTrap records mouse movements and writes them to binary data files. It runs on 64 bit versions of Linux, MacOS, Windows and other systems supported by Python.



 $Figure \ 1: \ screen shot$

Why MouseTrap?

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	simple GUI provided

Usage

```
MouseTrap v1.03 [17.01.2022] *** by fieserWolF
usage: mousetrap.py [-h] [-i IMAGE_FILE] [-p POINTER_FILE] [-g GHOST_FILE] [-xl POSX_LO_FILI
                    [-mh MARKER_HI_FILE]
This records mouse movements and writes them to binary data files. Press F1 for help in the
optional arguments:
  -h, --help
                        show this help message and exit
  -i IMAGE_FILE, --image_file IMAGE_FILE
                        image file (320x200 pixel)
  -p POINTER_FILE, --pointer_file POINTER_FILE
                        optional pointer image file (44x46 pixel): it follows the mousepoint
  -g GHOST_FILE, --ghost_file GHOST_FILE
                        optional ghost pointer image file (44x46 pixel): it follows the reco
  -xl POSX_LO_FILE, --posx_lo_file POSX_LO_FILE
                        posx low file (default="posx_lo.bin")
  -xh POSX_HI_FILE, --posx_hi_file POSX_HI_FILE
                        posx high file (default="posx_hi.bin")
  -y POSY_FILE, --posy_file POSY_FILE
                        posy file (default="posy.bin")
  -ml MARKER_LO_FILE, --marker_lo_file MARKER_LO_FILE
                        marker file (default="marker_lo.bin")
```

Example: ./mousetrap.py -i image.png -p ball.png -g ghost.png -xl posx-low.bin -xh posx-high

marker file (default="marker_hi.bin")

Author

• fieserWolF/Abyss-Connection - code - https://github.com/fieserWolF https://csdb.dk/scener/?id=3623

-mh MARKER_HI_FILE, --marker_hi_file MARKER_HI_FILE

Getting Started

Clone the git-repository to your computer:

```
git clone mousetrap.git
```

Start the python script: python3 mousetrap.py -i image.png -p ball.png -g ghost.png -xl posx-low.bin -xh posx-high.bin -y posy.bin -ml marker_lo.bin -mh marker hi.bin

Prerequisites

At least this is needed to run the script directly:

- python 3
- argparse
- python "The Python Imaging Library" (PIL)

Normally, you would use pip like this:

```
pip3 install argparse pillow
```

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

```
apt-get update
apt-get install python3 python3-argh python3-pil
```

Changelog

Future plans

• improve GUI features

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 1.03

• initial public release

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MouseTrap records mouse movements and writes them to binary data files.

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Version 3, 29 June 2007

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