

FMEM-PFE

Perl Front-End to the /dev/fmem Device

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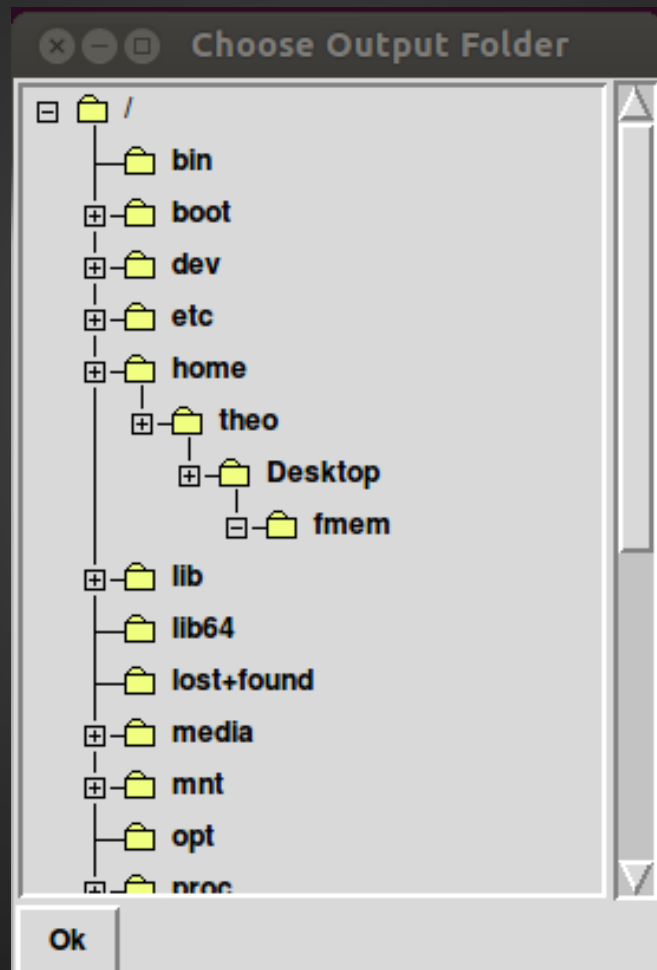
Overview

- Simple Perl Script w/ Tk framework
- Straightforward
- Advanced output in terminal
- Detects amount of memory
- Released under MIT License

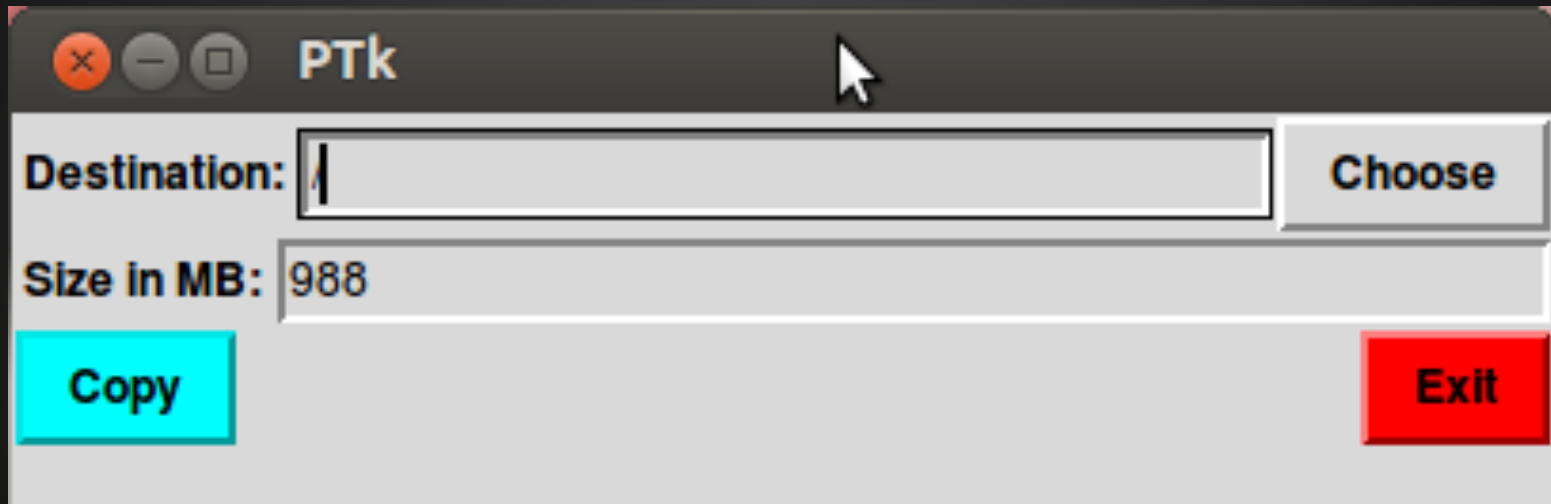
Why Fmem?

- Lab 2: Imaging
 - Dump memory & transfer using Nc
 - Kernel Security
 - /proc/kcore, /dev/mem
- Kernel Module
 - `sudo make && sudo sh run.sh`
- DD command
 - `dd if=/dev/fmem of=/mem.dd bs=1M count=512`
- GPL

Folder Menu



Interface



Terminal Output

```
theo@Ubuntu: ~/Desktop/fmem
theo@Ubuntu:~/Desktop/fmem$ sudo perl fmem_5.3.13.pl
[Info] Raw memory line: 988
[Info] Writing to: /home/theo/Desktop/fmem/FriMay321:47:11EDT2013_memory.dd
[Info] Running: dd if=/dev/fmem of=/home/theo/Desktop/fmem/FriMay321:47:11EDT2013_memory.dd bs=1M count=988
conv=noerror, sync
988+0 records in
988+0 records out
1035993088 bytes (1.0 GB) copied, 8.67512 s, 119 MB/s
theo@Ubuntu:~/Desktop/fmem$ ls
fmem_5.3.13.pl  FriMay321:47:11EDT2013_memory.dd
theo@Ubuntu:~/Desktop/fmem$
```

Demonstration