

Lab 1 ELF

repo: [GitHub](#)

Features:

1. Help:

```
ezzy A ~ /linux_course/bldd/lab-1 (lab-1) 3.13.3
>> ./bldd.py -h
usage: bldd [-h] [-d DIR] [--max-depth MAX_DEPTH] [-o OUTPUT] [--full]

Reverse LDD: list executables depending on shared libraries

options:
  -h, --help            show this help message and exit
  -d, --dir DIR          root directory to scan
  --max-depth MAX_DEPTH
                        maximum recursion depth
  -o, --output OUTPUT    report file (.txt or .pdf)
  --full                do not truncate executable lists (show every file)

Examples:
  bldd -d /usr/bin -o report.txt          # plain text report
  bldd -d /usr/bin -o report.txt --full   # no truncation
  bldd -d /opt/firmware -o deps.pdf       # PDF output
```

2. Default search:

```
ezzy A ~ /linux_course/bldd/lab-1 (lab-1) 3.13.3
>> ./bldd.py -d /home/ezzy/linux_course/
[bldd] Scanning /home/ezzy/linux_course ...
[bldd] ELF files found: 3
Scan directory: /home/ezzy/linux_course
Timestamp: 2025-05-09 23:24:05
Duration: 0.02 seconds

----- x86_64 -----
libc.so.6 (3 execs)
→ /home/ezzy/linux_course/bldd/venv/bin/python
→ /home/ezzy/linux_course/bldd/venv/bin/python3
→ /home/ezzy/linux_course/bldd/venv/bin/python3.13
libpython3.13.so.1.0 (3 execs)
→ /home/ezzy/linux_course/bldd/venv/bin/python
→ /home/ezzy/linux_course/bldd/venv/bin/python3
→ /home/ezzy/linux_course/bldd/venv/bin/python3.13
```

3. Generating PDF report:

```
ezzy ~ /linux_course/bldd/lab-1
>> ./bldd.py -d /home/ezzy/linux_course/ -o report.txt
[bldd] Scanning /home/ezzy/linux_course ...
[bldd] ELF files found: 3
[bldd] Report saved to report.txt

ezzy ~ /linux_course/bldd/lab-1
>> ./bldd.py -d /home/ezzy/linux_course/ -o report.pdf
[bldd] Scanning /home/ezzy/linux_course ...
[bldd] ELF files found: 3
[bldd] Report saved to report.pdf
```

- .txt:

```
ezzy ~ /linux_course/bldd/lab-1
>> ll
drwxr-xr-x  - ezzy  9 May 23:21 .obsidian
-rwxr-xr-x 5.9k ezzy  9 May 22:59 bldd.py
drwxr-xr-x  - ezzy  9 May 23:26 imgs
-rw-r--r-- 244 ezzy  9 May 23:26 REPORT.md
-rw-r--r-- 1.7k ezzy  9 May 23:26 report.pdf
-rw-r--r-- 479 ezzy  9 May 23:26 report.txt

ezzy ~ /linux_course/bldd/lab-1
>> cat report.txt
Scan directory: /home/ezzy/linux_course
Timestamp: 2025-05-09 23:26:14
Duration: 0.01 seconds

----- x86_64 -----
libc.so.6 (3 execs)
-> /home/ezzy/linux_course/bldd/venv/bin/python
-> /home/ezzy/linux_course/bldd/venv/bin/python3
-> /home/ezzy/linux_course/bldd/venv/bin/python3.13
libpython3.13.so.1.0 (3 execs)
-> /home/ezzy/linux_course/bldd/venv/bin/python
-> /home/ezzy/linux_course/bldd/venv/bin/python3
-> /home/ezzy/linux_course/bldd/venv/bin/python3.13
```

- .pdf:

