

Binwalk

Forensics 101

Here is a file with another file hidden inside it. Can you extract it?

<https://mega.nz/#!qbpUTYiK!-deNdQJxsQS8bTSMxeUOtpEclCI-zpK7tbJiKV0tXYY>

Flag: CTFLearn{b1nw4lk_is_us3ful}

Writeup:

used binwalk due to title

```
taj702@kali: ~/Downloads$ binwalk --extract --dd=".*" PurpleThing.jpeg
```

DECIMAL	HEXADECIMAL	DESCRIPTION

0	0x0	PNG image, 780 x 720, 8-bit/color RGBA, non-interlaced
41	0x29	Zlib compressed data, best compression
153493	0x25795	PNG image, 802 x 118, 8-bit/color RGBA, non-interlaced

```
taj702@kali: ~/Downloads$ cd _PurpleThing.jpeg.extracted
```

```
taj702@kali: ~/Downloads/_PurpleThing.jpeg.extracted$ ls
```

```
0 25795 29 29-0
```

ABCTF{b1nw4lk_is_us3ful}