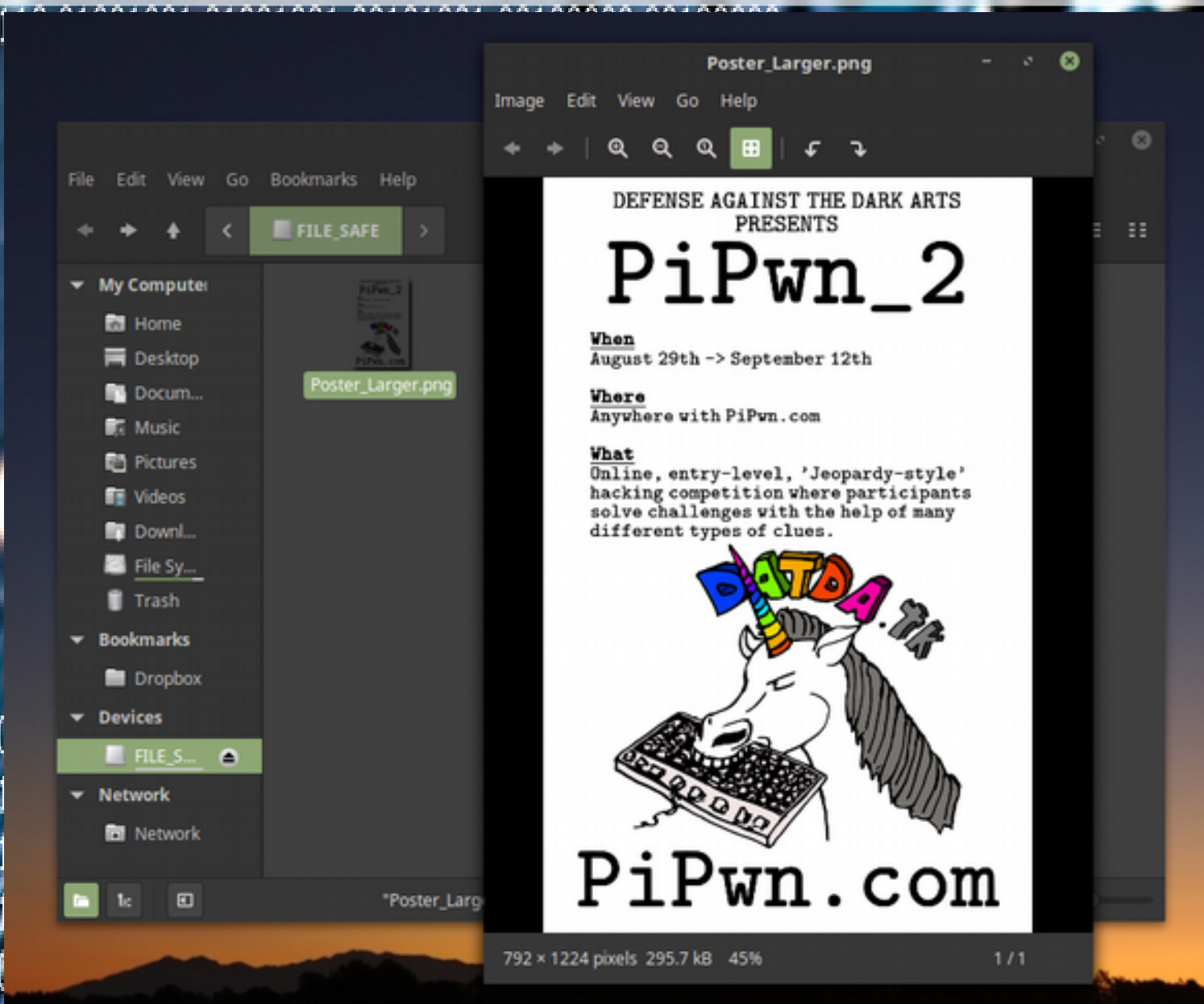


01000100 01101001 01100111 01101001 01110100 01100001 01101100 00100000 01000110 01101111 01101010  
01100101 01101110 01110011 01101001 01100011 01110011 00100000 01001001 01101110 01100110 01101111  
01110010 01101101 01100001 01110100 01101001 01101111 01101110 00100000 01001001 01101110 01110100  
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01000100 01000110 01001001 01001001 00101001 00100000 00100000

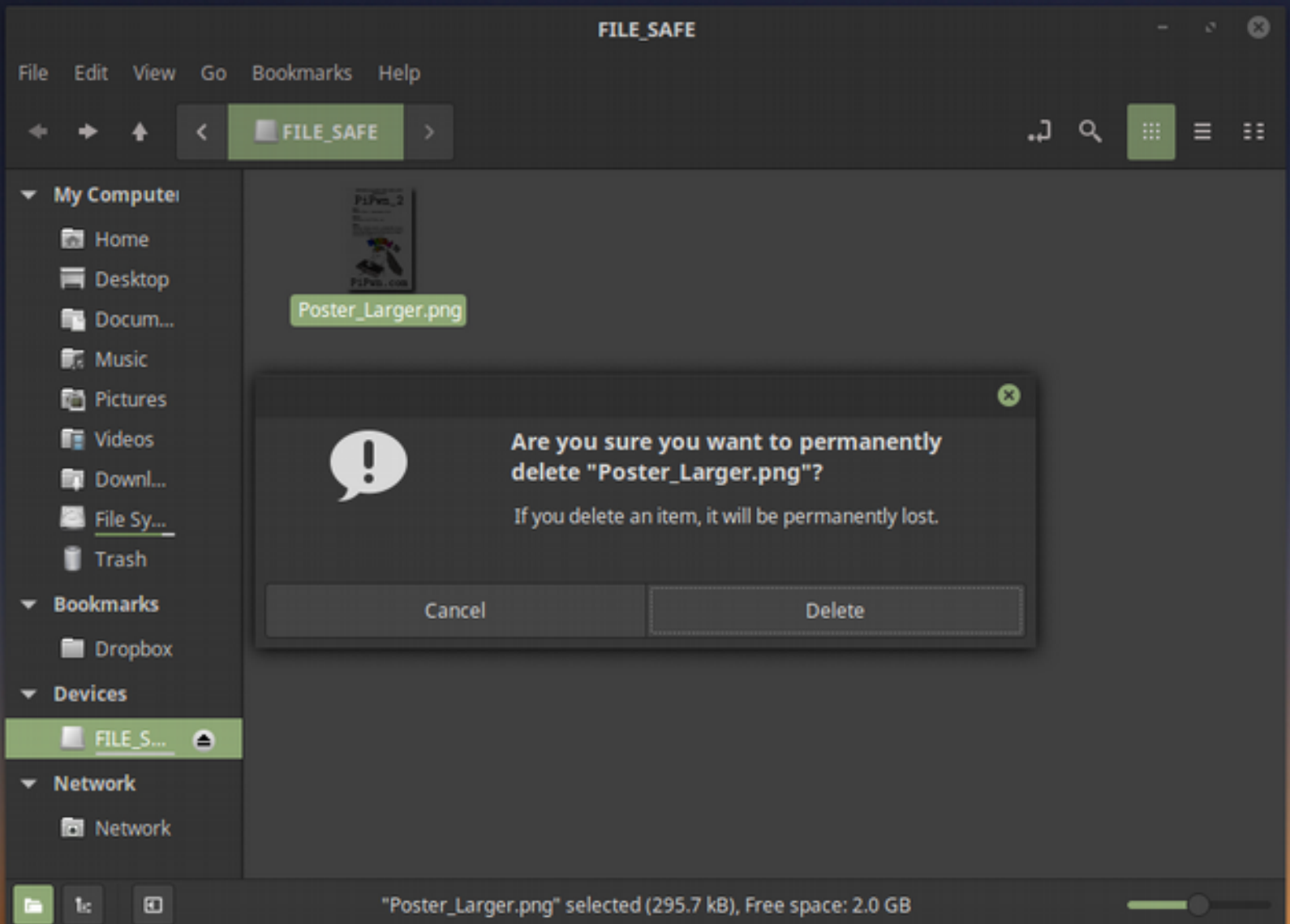
# Basic Forensics @bugg

01010011 01100011 01101000 01101111 01101111 01101100 00100000 01101111 01100110 00100000 01000011  
01101111 01101101 01110000 01110101 01110100 01101001 01101110 01100111 00100000 01101101 00100000  
01010101 01101110 01101001 01110110 01100101 01110010 01110011 01101001 01110100 01111101 00100000  
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01100001 01100010 01100001 01101101 01100001 00100000

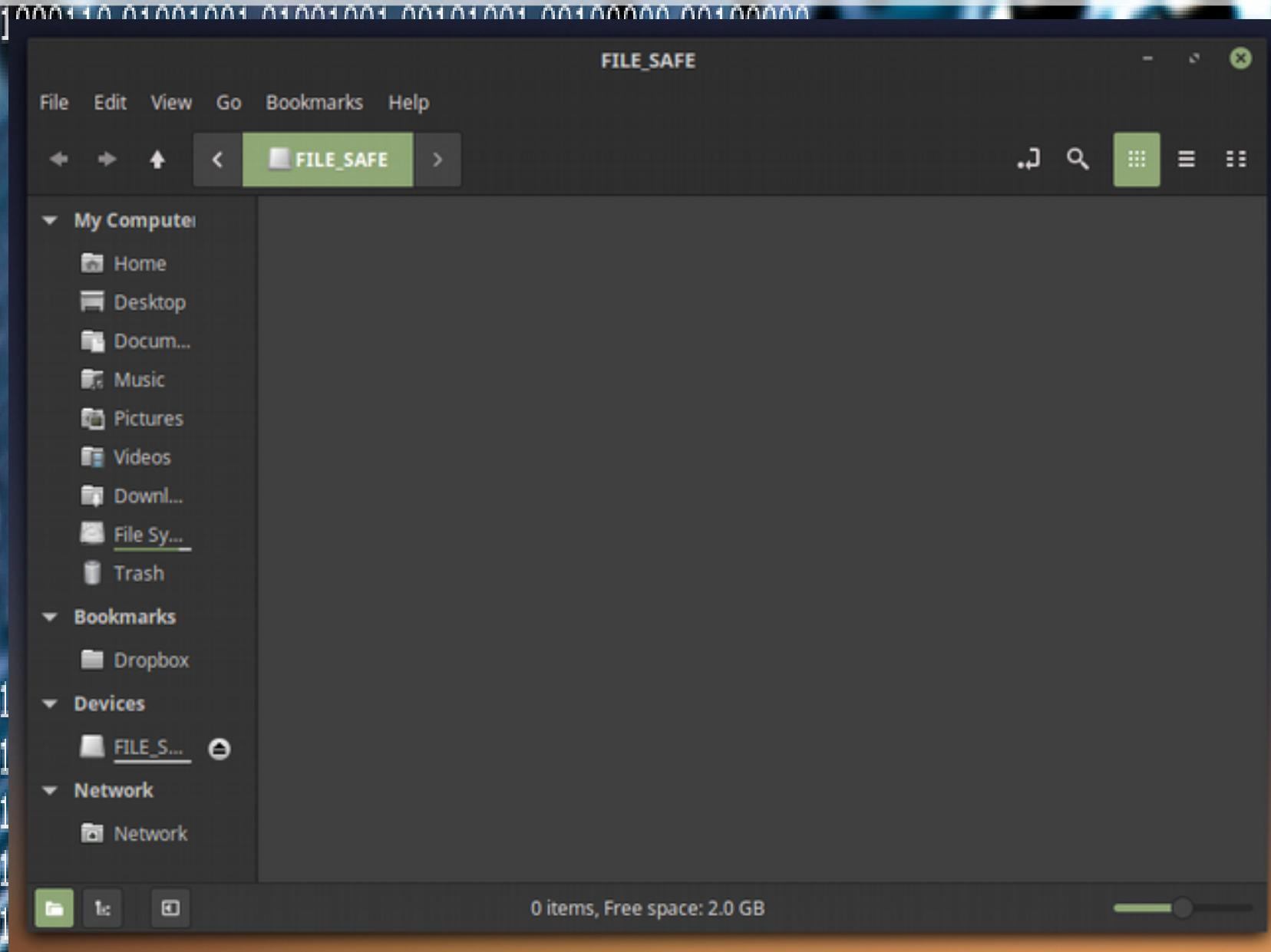
@bugg has a file...



Oh No!!!



@bugg has had a file...





# What to do?

file recovery



GO

## Search Results

### The best free file recovery software 2018 | TechRadar

<https://www.techradar.com/news/the-best-free-file-...> Proxy Highlight

17 Sep 2018 ... Lost or accidentally deleted important data? These five free file recovery tools could help you get it back.

### Free Download Data Recovery Software of 2018 for File Recovery ...

<https://www.easeus.com/datarecoverywizard/free-dat...> Proxy Highlight

EaseUS free data recovery software can help recover data after accident deletion , formatting, partition error, system crash etc. Free download data recovery ...

### 18 Free Data Recovery Software Tools (October 2018) - Lifewire

<https://www.lifewire.com/free-data-recovery-softwa...> Proxy Highlight

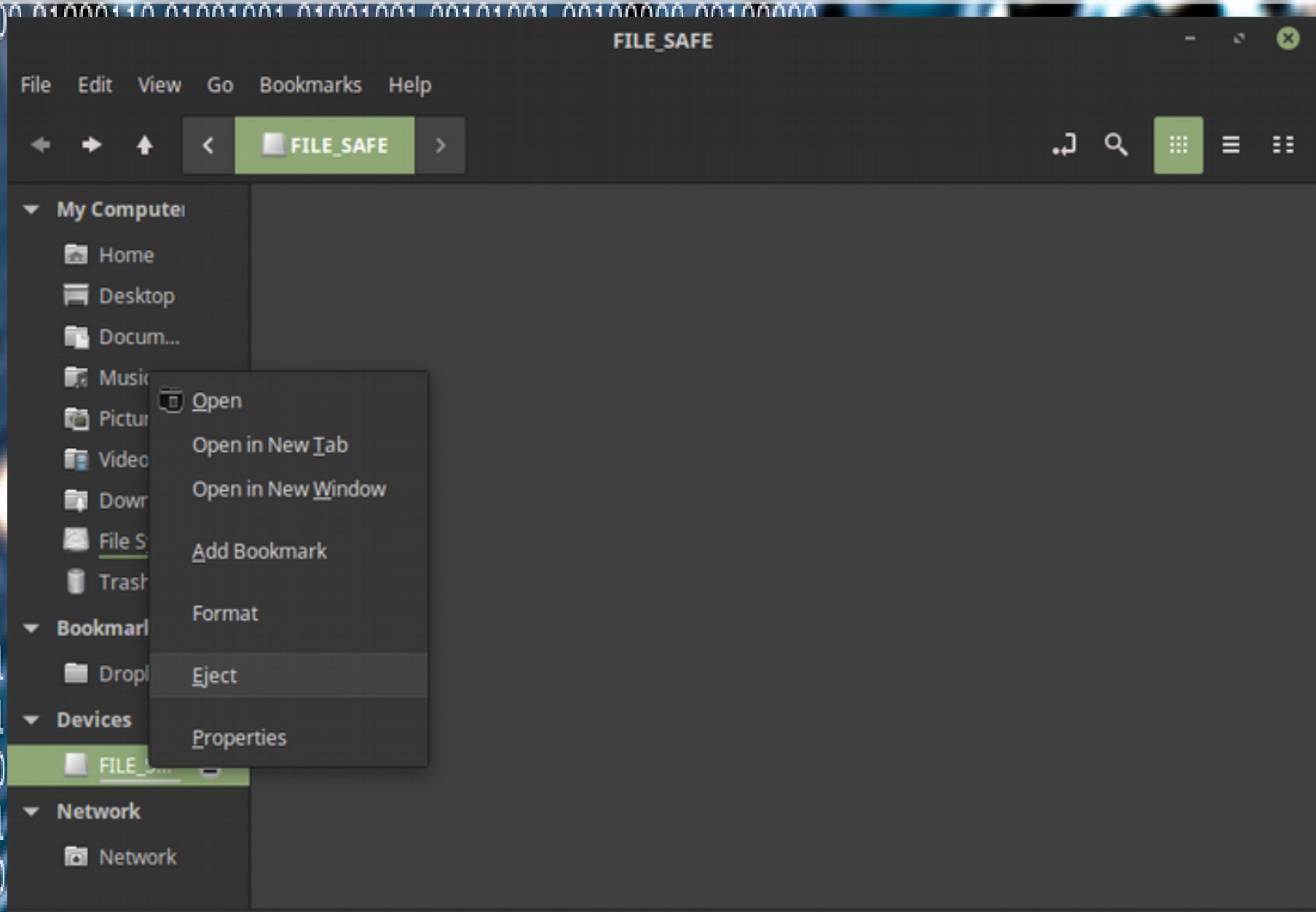
Free data recovery software, aka free file recovery or undelete software, can help recover deleted files. Here are reviews of the best ones out there.

### Download Recuva | Recover deleted files, free! - CCleaner


<https://www.ccleaner.com/recuva> Proxy Highlight

Recover and un-delete files with Recuva, the award-winning file recovery tool by

# Step 1: Un-plug/mount it





# Step 2: Create a copy

 2.0 GB Drive  
USBest Technology U...Mass Storage Device

Size 2.0 GB (2,021,654,528 bytes)

Partitioning Master Boot Record

 231 GB Block Device  
/dev/mint-vg/root

 8.5 GB Block Device  
/dev/mint-vg/swap\_1

```
computer temp # dd if=/dev/sdb1 of=./recovery_image.ddimg  
3946496+0 records in  
3946496+0 records out  
2020605952 bytes (2.0 GB, 1.9 GiB) copied, 166.226 s, 12.2 MB/s  
computer temp #
```

FILE\_SAFE  
Partition 1  
2.0 GB FAT



Size 2.0 GB (2,020,605,952 bytes)

Device /dev/sdb1

Partition Type W95 FAT32

Contents FAT (32-bit version) — Not Mounted

## Step 3: Start Searching

```
### FILE RECOVERY
```

```
3- # Foremost scans for known list of file-types (slow)
```

```
sudo foremost -i recovered_image.ddimg -o ./output_directory
```

```
# or
```

```
sudo foremost /dev/sdc
```

```
4- # Scalpel scans for only file types desired (multi-threaded)
```

```
# config file: /etc/scalpel/scalpel.conf (define desired file-types)
```

```
# or put copy in directory running scalpel out of
```

```
sudo scalpel ./recovered_image.ddimg -o ./output_directory
```

```
2- # Photorec (&Testdisk) scans for known list of file-types (medium)
```

```
sudo photorec
```

```
# or
```

```
sudo photorec recovery_image.ddimg
```

```
computer temp # foremost -i recovery_image.ddimg -o ./foremost_output
```

```
Processing: recovery_image.ddimg
```

```
|*****|
```

```
computer temp #
```



# Step 4: ?????

foremost\_output

File Edit View Go Bookmarks Help

← → ↑ < user Downloads temp **foremost\_output** > . ↵ 🔍 ☰ ≡ ≡≡

▼ **My Computer**

- 📁 Home
- 📁 Desktop
- 📁 Docum...
- 📁 Music
- 📁 Pictures
- 📁 Videos
- 📁 Downl...
- 📁 File Sy...
- 🗑️ Trash

▼ **Bookmarks**

- 📁 Dropbox

▼ **Devices**

- 📁 FILE\_S...

▼ **Network**

- 📁 Network

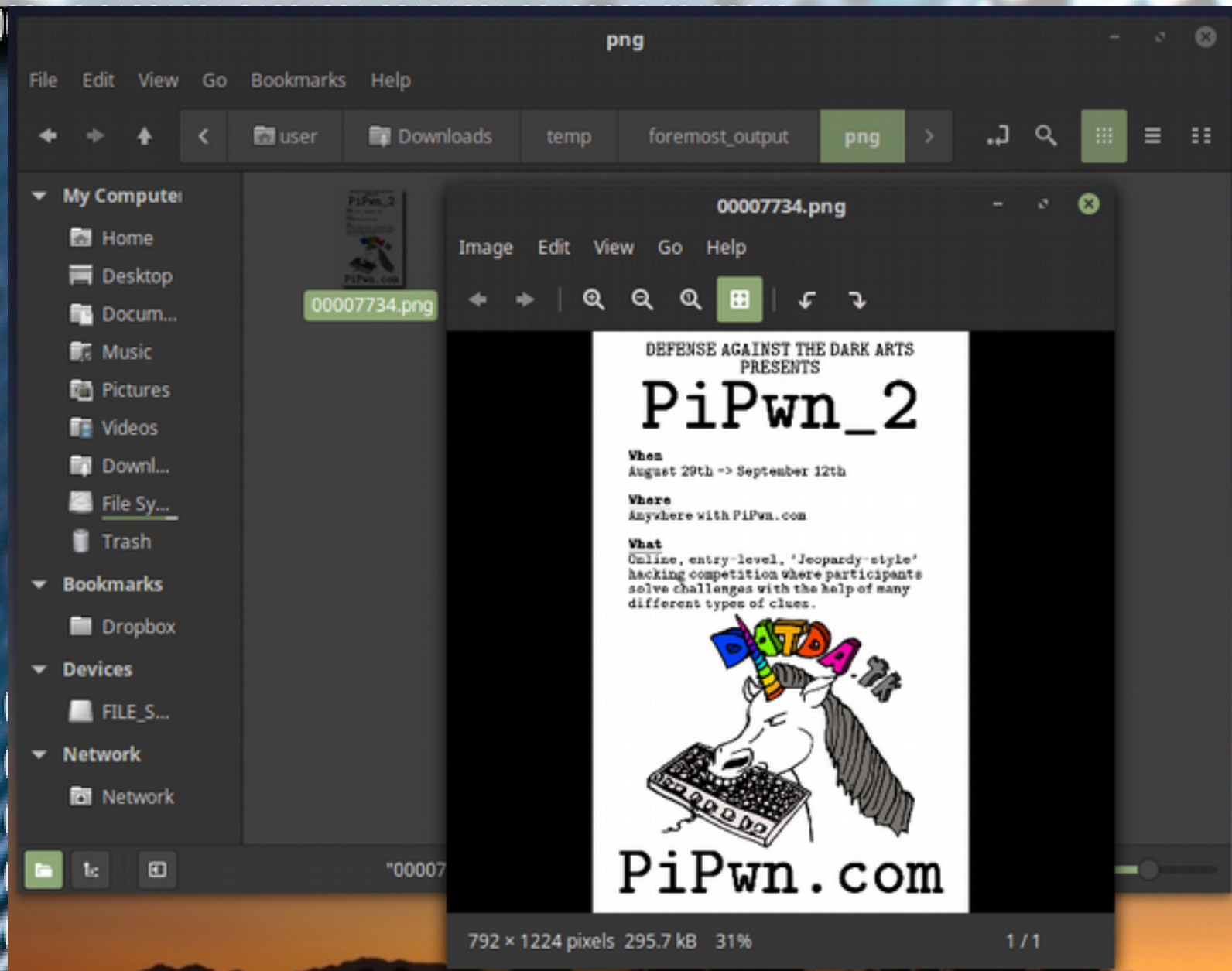


png



audit.txt

# Step 5: Profit!



01000100 01101001 01100111 01101001 01110100 01100001 01101100 00100000 01000110 01101111 01101010  
01100101 01101110 01110011 01101001 01100011 01110011 00100000 01001001 01101110 01100110 01101111  
01110010 01101101 01100001 01110100 01101001 01101111 01101110 00100000 01001001 01101110 01110100  
01100101 01101110 01101100 01101001 01100111 01100101 01101110 01100011 01101101 00100000 00101000  
01000100 01000110 01001001 01001001 00101001 00100000 00100000

# Questions?

01010011 01100011 01101000 01101111 01101111 01101100 00100000 01101111 01100110 00100000 01000011  
01101111 01101101 01110000 01110101 01110100 01101001 01101110 01100111 00100000 01101101 00100000  
01010101 01101110 01101001 01110110 01100101 01110010 01110011 01101001 01110100 01111101 00100000  
01101111 01100110 00100000 01010011 01101111 01110101 01110100 01101001 00100000 01001001 01101100  
01100001 01100010 01100001 01101101 01100001 00100000