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payload-dumper 0.2.2

✓ **Latest version**

`pip install payload-dumper` ⧉

Released: Dec 23, 2021

Dump partitions from Android's payload.bin

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Project description

payload dumper

Dumps the `payload.bin` image found in Android update images. Has significant performance gains over other tools due to using multiprocessing.

Installation

Requirements

- Python3
- pip

Install using pip

Statistics

GitHub statistics:

⭐ **Stars:** 9

🍴 **Forks:** 3

⚠️ **Open issues:** 0

🔀 **Open PRs:** 1

View statistics for this project via Libraries.io ⬏, or by using our public dataset on Google BigQuery ⬏

Meta

Author: Rasmus Moorats ✉

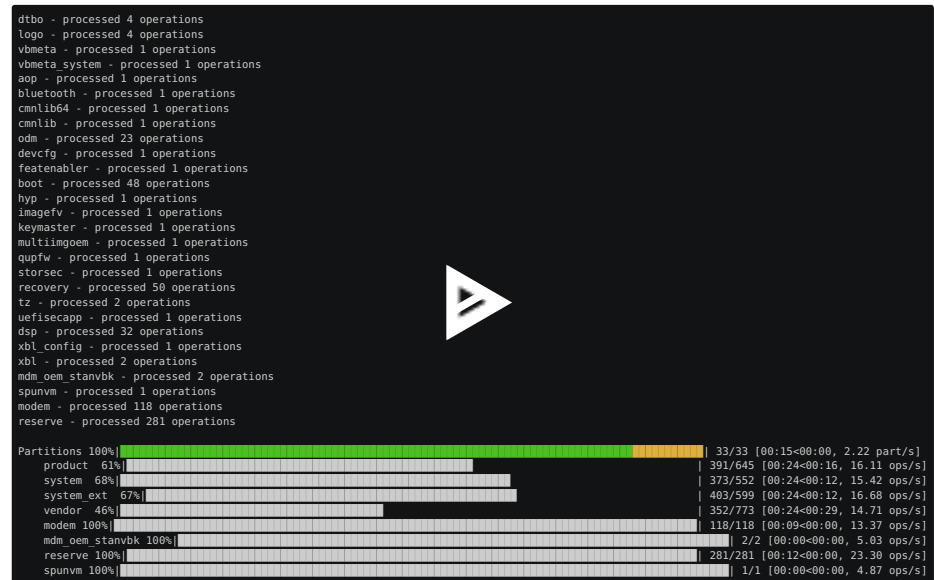**Requires:** Python >=3.7

Maintainers

nns

Classifiers

Programming Language
- Python :: 3
- Python :: 3.7
- Python :: 3.8
- Python :: 3.9
- Python :: 3.10

```
pip install --user payload_dumper
```

Example ASCIIcast


```
dtbo - processed 4 operations
logo - processed 4 operations
vbmeta - processed 1 operations
vbmeta_system - processed 1 operations
aop - processed 1 operations
bluetooth - processed 1 operations
cmnlib64 - processed 1 operations
cmnlib - processed 1 operations
odm - processed 23 operations
devcfg - processed 1 operations
featenabler - processed 1 operations
boot - processed 48 operations
hyp - processed 1 operations
imagefv - processed 1 operations
keymaster - processed 1 operations
multiimgoem - processed 1 operations
qupfw - processed 1 operations
storsec - processed 1 operations
recovery - processed 50 operations
tz - processed 2 operations
uefisecapp - processed 1 operations
dsp - processed 32 operations
xbl_config - processed 1 operations
xbl - processed 2 operations
mdm_oem_stanvbk - processed 2 operations
spunvm - processed 1 operations
modem - processed 118 operations
reserve - processed 281 operations

Partitions 100%|█████████████████████████| 33/33 [00:15<00:00, 2.22 part/s]
    product  61%|███████████████          | 391/645 [00:24<00:16, 16.11 ops/s]
     system  68%|████████████████         | 373/552 [00:24<00:12, 15.42 ops/s]
 system_ext  67%|████████████████         | 403/599 [00:24<00:12, 16.68 ops/s]
     vendor  46%|███████████              | 352/773 [00:24<00:29, 14.71 ops/s]
      modem 100%|█████████████████████████| 118/118 [00:09<00:00, 13.37 ops/s]
mdm_oem_stanvbk 100%|█████████████████████| 2/2 [00:00<00:00, 5.03 ops/s]
    reserve 100%|█████████████████████████| 281/281 [00:12<00:00, 23.30 ops/s]
      spunvm 100%|████████████████████████| 1/1 [00:00<00:00, 4.87 ops/s]
```

Usage

Dumping the entirety of `payload.bin`

```
payload_dumper payload.bin
```

Dumping specific partitions

Use a comma-separated list of partitions to dump:

```
payload_dumper --partitions boot,dtbo,vendor payload.b
```

Patching older image with OTA

Assuming the old partitions are in a directory named `old/`:

```
payload_dumper --diff payload.bin
```

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Status: Service Under Maintenance

Developed and maintained by the Python community, for the Python community.

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