Bash Snippets

Youtube-dl into Ffmpeg

Benötigt `youtube-dl`, `parallel` und `ffmpeg`.

Holt sich die direkte Video-URL via youtube-dl und piped die Video und Sound-Url direkt in ffmpeg.

Ermöglicht alles was ffmpeg kann, z.B. herauschneiden eines Clips:

```
URL=[url]
START=[start]
TIME=[time]
youtube-dl -g $URL | parallel -N 2 ffmpeg -ss $START -i {1} -i {2} -ss $START -map 0:v -map
1:a -t $TIME -c copy out.webm
#audio stream doesnt seem to allow input seeking (returns 403)
#so we need to do output seeking, which is... slow
#TODO: maybe find some way around that
```

Archive Stream

```
STREAM=[URL]
OUTPUT=[PATH]
# as apache to write directly to webdir
sudo -u apache /usr/local/bin/streamlink -o $OUTPUT $STREAM best
# alternative: use at to run at specified time
echo "sudo -u apache /usr/local/bin/streamlink -o $OUTPUT $STREAM best" | at [TIMESPEC]
```

DD with gzip

```
# create image
dd if=/dev/[DEVICE] | gzip > [IMAGE].gz
# apply image
gunzip -c [IMAGE].gz | dd of=/dev/[DEVICE]
```

Filtered Chmod

```
find . [filters here] -exec chmod [MOD] -- {} +

#z.B. chmod nur Dateien
find . -type f -exec chmod 644 -- {} +
```

chmod kann bei execute-Rechten nativ Ordner und Dateien unterscheiden:

```
# setzt +x bei Ordnern, aber behält das execute-Flag bei Dateien unberührt
chmod -R +X [PFAD]

# geht natürlich mit dem vollen Syntax von chmod, z.B.:
chmod -R u=Xrw,g=r,o= [PFAD]
```

Forge Install

```
java -jar forge-[version]-installer.jar --installServer
```

Alacritty Terminfo

```
# on source
infocmp > alacritty.terminfo
# sftp transfer to target
# on target
tic -x alacritty.terminfo
```

Telegraf Repo

Debian

```
curl -sL https://repos.influxdata.com/influxdb.key | apt-key add -
DISTRIB_ID=$(lsb_release -c -s)
echo "deb https://repos.influxdata.com/debian ${DISTRIB_ID} stable" | tee
/etc/apt/sources.list.d/influxdb.list
```

IP

if up/down

```
ip link set dev <interface> up
ip link set dev <interface> down
```

htpasswd

```
# create
htpasswd -c -B -b </path/to/users.htpasswd> <user_name> <password>
# add/change
htpasswd -B -b </path/to/users.htpasswd> <user_name> <password>
```

Misc

```
# erkennt Größe der Blockdevice neu
echo 1 > /sys/class/block/sda/device/rescan
```

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