Linux

- Elasticsearch
  - Delete Index
  - allocate unassigned shards
  - Truncate Corrupted Translog of Index
- FFMpeg
  - add Timestamp to Video
  - convert all files of type in directory
  - Find video Codec of Video
- OpenSSH
  - compile from source

Elasticsearch

Delete Index

curl -XDELETE localhost:9200/[index]?master_timeout=5m

Elasticsearch

allocate unassigned shards

```
range=2
IFS=$'\n'
for line in $(curl -s 'localhost:9200/_cat/shards' | fgrep UNASSIGNED); do
INDEX=$(echo $line | (awk '{print $1}'))
SHARD=$(echo $line | (awk '{print $2}'))
number=$RANDOM
  let "number %= ${range}"
   curl -H 'Content-Type:application/json' -XPOST http://localhost:9200/_cluster/reroute? -d '{
   "commands" : [ {
   "allocate_empty_primary" :
  {
       "index" : '\"${INDEX}\"',
   "shard" : '\"${SHARD}\"',
   "node" : "tigger-1",
   "accept_data_loss" : true
  }
}
]
}'
done
```

Truncate Corrupted Translog of Index

/usr/share/elasticsearch/bin/elasticsearch-shard remove-corrupted-data --index graylog_9 --shard-id 0

You should run the following command to allocate this shard:

```
curl -XPOST --header 'Content-Type: application/json' http://localhost:9200/_cluster/reroute -d '
{
  "commands" : [
    {
      "allocate_stale_primary" : {
        "index" : "graylog_9",
        "shard" : 0,
        "node" : "zYNG7nZMRWCNCDlqsDhKkw",
        "accept_data_loss" : true
      }
    }
  ]
}'
```

FFMpeg

FFMpeg

add Timestamp to Video

```
ffmpeg -i <video_in>.mp4 \
-vf  "drawtext = fontfile=/usr/share/fonts/truetype/dejavu/DejaVuSerif.ttf: text =
'%{pts:gmtime:0:%M\\\\:%S}':\x=80: y=125: fontsize=48: fontcolor=white@1.0: box=1:
boxcolor=black@1.0" \
    <video_out>.mp4
```

FFMpeg

convert all files of type in directory

```
for i in *.ts; do ffmpeg -i "${i}" -c:v libx264 -c:a copy -c:s mov_text "${i%%.*}.mp4"; done
```

Find video Codec of Video

```
ffprobe -select_streams v0 -show_entries "format:stream" \
  -of json -v quiet \
  -i ./path/to/videofile.extension \
  | grep -w "format_name" | cut -d "\"" -f4
```

mpegts

OpenSSH

compile from source

./configure --exec-prefix=/usr/ --bindir=/bin/ --sbindir=/sbin/ --prefix=/ --datarootdir=/usr/share/ --with-pam --with-privsep-user=nobody --with-md5-passwords