

FFMPEG Commands

- Cropping
- Web Convert
- Convert entire folder
- Hardware encoding

Cropping

Center Crop for Instagram:

```
ffmpeg -i ParticleSensor.mp4 -vf "scale=(iw*sar)*max(1080/(iw*sar)\,1080/ih):ih*max(1080/(iw*sar)\,1080/ih),  
crop=1080:1080" ParticleSensor_ig.mp4
```

Web Convert

OGV:

```
in_old = "path_to_vid.mp4"  
new = ${in_old%.*}.ogv  
ffmpeg -i $in_old -codec:v libtheora -qscale:v 6 -codec:a libvorbis -qscale:a 6 $new
```

Convert entire folder

```
for i in *.mov;  
do name=`echo "$i" | cut -d'.' -f1`  
echo "$name"  
ffmpeg -i "$i" "${name}.mp4"  
done
```

Hardware encoding

Intel example command:

```
ffmpeg -hwaccel vaapi -hwaccel_output_format vaapi -vaapi_device /dev/dri/renderD128 -i  
"${invid}" -codec:v h264_vaapi "${invid%._}_testHW.mp4
```