

Rescale Video

Aug 2017

As well as transcoding video, we can rescale video, handy for converting HD to SD or UHD to HD. Rescaling can be done when transcoding, or as a step on its own. Please note, if you want to play video back at a certain size, ffmpeg can rescale the output video, without destroying the source.

This is how to rescale the video, where you specify the framesize:

```
ffmpeg -i input.mov -vf scale=320:240 output.mov
```

You can also rescale without specifying the exact aspect ratio, so here we have specified the width, and the height will be worked out automatically from the original aspect ratio.

```
ffmpeg -i input.mp4 -vf scale=320:-1 output.mp4
```

To transcode and rescale in one go, you can use the following example:

```
ffmpeg -i source.mov -vcodec h264 -b:v 50M -vf scale=960:540 dest.mp4
```

From:
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Last update: **2023/03/09 22:35**

