

How to Modify VideoFred Script

If no cleaning needed change the bottom line to:

```
Eval(result1)
```

Note that this does not do any cleaning.

Option4 script has most of the filters implemented.

You can run option4 and there you can tailor it to your needs.

Here is a short description the code.

You start at the bottom of the script

```
Eval(result)#.converttoRGB24()
```

Then search for result:

```
result="result4" # specify the wanted output here
```

Then search for result4

```
result4=  
interpolated.coloryuv(off_U=blue,off_V=red).levels(black_level,1.0,white_level,0,255)\
```

Then for interpolated – note that these video streams in a pipeline feeding each other
interpolated= denoised.MFlowFps(super, backward_vec, forward_vec, num=numerator,
den= denominator, ml=100)\

Then denoised

```
denoised= cleaned.MVDegrainMulti(vectors, thSAD=denoising_strength, SadMode=1,  
idx=2).unsharpmask(USM_sharp_ness3,USM_radi_us3,0)
```

cleaned=

```
RemoveDirtMC(noise_baseclip,dirt_strength).unsharpmask(USM_sharp_ness1,USM_r  
adi_us1,0)\  
.unsharpmask(USM_sharp_ness2,USM_radi_us2,0).Lanczos4Resize(W,H)
```

```
noise_baseclip= stab2.levels(0,gamma,255,0,255).tweak(sat=saturation)
```

```
stab2= stab.crop(CLeft,CTop,-CRight,-CBottom)
```

```
stab=DePanStabilize(source1,data=mdata,cutoff=cutoff_value,dxmax=maxstabH,dyma  
x=maxstabV,method=0,mirror=15).deflicker()
```

```
source1= trim(source,0,trimming)
```

```
source= AviSource(film).assumefps(play_speed).trim(trim_begin,0).converttoYV12()
```

```
film= "F:\Hawkeye2\clip1-raw.avi"
```

Note that the sections of the pipeline can be bypassed and new filters inserted if needed by changing the input source names.

For example if dirt removal is not needed then in denoised:
denoised= **cleaned**.MVDegrainMulti(vectors, thSAD=denoising_strength, SadMode=1,
idx=2).unsharpmask(USM_sharp_ness3,USM_radi_us3,0)

Chnge “cleaned” to “**noise_baseclip**”