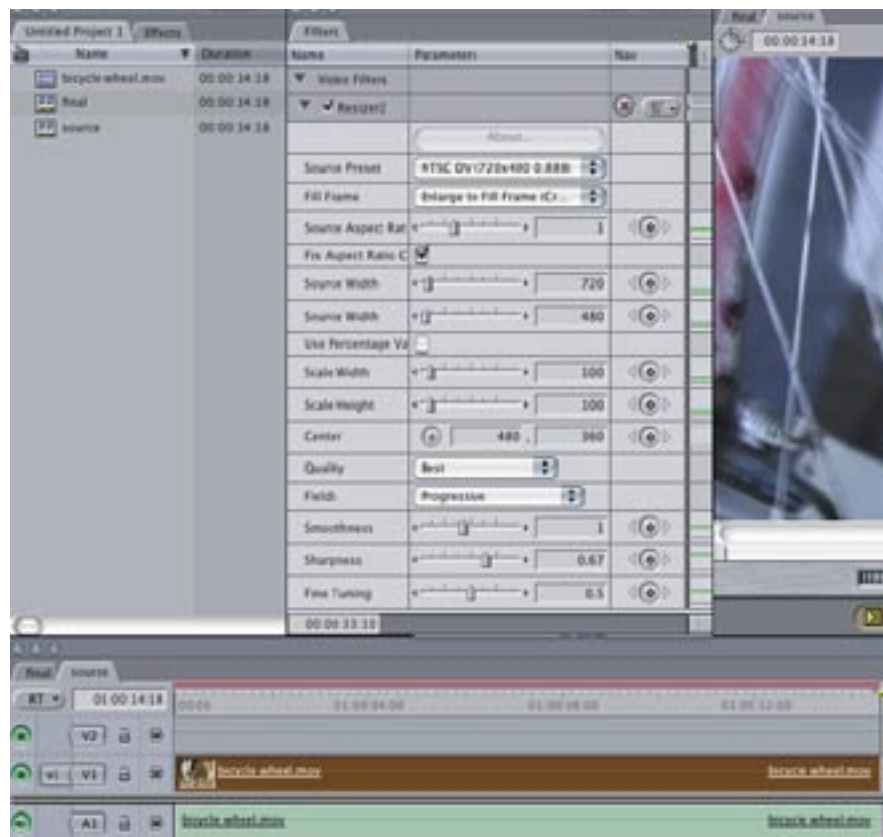




scale from SD to HD and higher.

# ReSizer 2.1

Quickstart Guide for Final Cut Pro 4.0 + higher



[ from: Digital Anarchy ]

f/x tools for revolutionaries

## Quickstart Guide for FCP

This tutorial will quickly get you started with ReSizer 2.1 in Final Cut Pro. We currently support versions 4.0 + higher, including 5.1.2.

For additional information about any of the tasks, functions, or parameters mentioned here, please check the full ReSizer 2.1 manual. You can download the manual at: <http://www.digitalanarchy.biz/manuals/resizer-manual20.zip>

### step 1: create two sequences

Create two sequences set to your target upscaling size. For the purposes of this tutorial, we'll use the HDV 720p30 preset. Name one of the sequences 'Source.' Name the other one 'Final.'

### step 2: import your footage

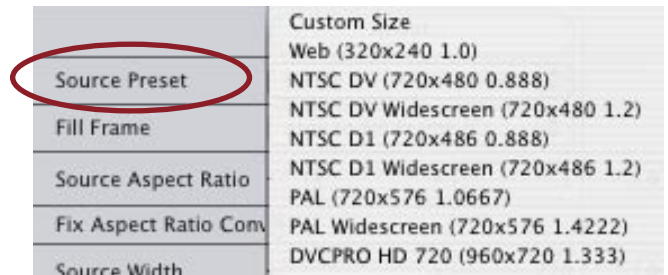
Import your raw footage into FCP. Drop it into the 'Source' sequence timeline.

### step 3: put source into final

Open the 'Final' sequence. Drag the 'Source' sequence into its timeline from the project bin.

### step 4: apply resizer to sequence

Apply ReSizer to the 'Source' sequence inside the 'Final' sequence timeline. Your footage will instantly scale up to the target size using ReSizer's default settings.



### step 5: choose source preset

Load the nested 'Source' sequence into the Viewer to display the ReSizer filter controls. Click the 'Source Preset' popup to select the size of your raw footage. If the dimensions of your raw footage aren't there, set it to Custom Size.

### step 6: adjust custom source sizes

If you chose 'Custom Size' from the preset list, you will want to tweak the 'Fix Aspect Ratio', 'Source Width' and 'Source Height' parameters. Set these to match your raw footage dimensions.



## step 7: fix aspect ratio

The 'Fix Aspect Ratio Conversion' is available to compensate for FCP's automatic scaling of mismatched footage aspect ratios. It is turned on by default. This option is for picky people! Please read more about it in the full manual (RTFM).

If 'Fix Aspect' is turned off, you'll have to adjust the 'Aspect Ratio' parameter in the Distort area. To do this, go into your source footage's Motion tab back in the 'Source' sequence.



## step 8: scale your footage

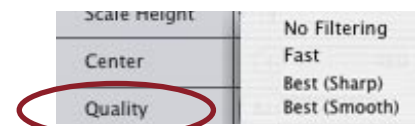
There are a few ways to scale your footage. From the 'Fill Frame' popup, select the option you want.



- Enlarge to Fill. You can keep the same ratio as the footage and fill the entire frame. This results in portions of the top and bottom of the original footage being cropped off, but makes the footage completely fill the frame.
- Fit in Frame. The next option fits the footage to the frame while keeping its aspect ratio intact. It basically letterboxes or wideboxes your footage to the frame based on its original size.
- Stretch to Fill. You can also stretch the footage to fill the frame. This doesn't crop anything but it does distort the image, since it is then ignoring the aspect ratio of the source footage.

## step 9: select quality type

Now select the algorithm from the 'Quality' popup. These algorithms control how ReSizer recalculates footage. Switch back and forth between types to determine which looks best for your footage.

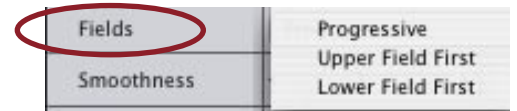


- Best (Smooth) attempts to preserve edge quality in large up-conversions, and generally has a very subtle, soft look. It's the option that you'll choose much of the time, and is especially good for upconverting if the main subject is people.
- Best (Sharp) gives you more control over the look of the footage if the Best setting is not producing what you want. Best (Sharp) tends to look less softened, which is good for working with footage of hard edged subjects, like buildings.
- Choosing Best (Smooth) makes three sliders active. Use the 'Smoothness', 'Sharpness', and 'Fine Tuning' parameters to tweak to your liking.



## step 10: deinterlacing and final export

If your target up-conversion format is a progressive format, leave the 'Fields' parameter set to Progressive. If the target format is interlaced, set this parameter to your preferred field order.



If you don't want to use a scaling preset, or if you want to animate footage scaling over time, you can toggle the 'Use Percentage Values' checkbox. This option will override the automatic scaling and allow you to scale with percentages.



## conclusion

You are good to go! The footage should now be resized and ready for export.