

# Matterhorn processing pipeline

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## Trimming unnecessary operations

For a lean, quick workflow, we should delete all "presentation" operations.

## Distributing to HTML5 video formats

Look into `etc/encoding/youtube-movies.properties` to find the different H264 encodings we could use.

Things to look out for (as of 1.4):

- You will run into "Preset default not found". This is because `FFMPEG_DATADIR` is not set. By default, set it to

```
export FFMPEG_DATADIR=/opt/local/var/macports/build/_Users_Shared_dports_multimedia_ffmpeg/ffmpeg/work/ffmpeg-0.6/ffpresets
```

- Inside `ffpresets/libx264-default.ffpreset`
  - `directpred=1` is old, should be `direct-pred=1`
  - `flags2=+mixed_refs+wpred+dct8x8+fastpskip` is no longer understood, remove
- Inside `etc/encoding/youtube-movies.properties`
  - `deblockalpha`, `deblockbeta` are deprecated, remove



Newer ffmpeg uses internal presets instead of presets folder so we'll need to prepare for that.