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1. bsdiff and bspatch 4.3

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libpostproc

optional x86 optimization in the files

libavcodec/x86/flac_dsp_gpl.asm

libavcodec/x86/idct_mmx.c

libavfilter/x86/vf_removegrain.asm

the following building and testing tools

compat/solaris/make_sunver.pl

doc/t2h.pm

doc/texi2pod.pl

libswresample/swresample-test.c

tests/checkasm/*

tests/tiny_ssim.c

the following filters in libavfilter:

vf_blackframe.c
vf_boxblur.c
vf_colormatrix.c
vf_cover_rect.c
vf_cropdetect.c
vf_delogo.c
vf_eq.c
vf_find_rect.c
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vf_hqdn3d.c
vf_interlace.c
vf_kerndeint.c
vf_mcdeint.c
vf_mpdecimate.c
vf_owdenoise.c
vf_perspective.c
vf_phase.c
vf_pp.c
vf_pp7.c
vf_pullup.c
vf_repeatfields.c
vf_sab.c
vf_smartblur.c
vf_spp.c
vf_stereo3d.c
vf_super2xsai.c
vf_tinterlace.c
vf_uspp.c
vsrc_mptestsrc.c

Should you, for whatever reason, prefer to use version 3 of the (L)GPL, then the configure parameter `--enable-version3` will activate this licensing option for you. Read the file `COPYING.LGPLv3` or, if you have enabled GPL parts, `COPYING.GPLv3` to learn the exact legal terms that apply in this case.

There are a handful of files under other licensing terms, namely:

The files `libavcodec/jfdctfst.c`, `libavcodec/jfdctint_template.c` and `libavcodec/jrevdct.c` are taken from libjpeg, see the top of the files for licensing details. Specifically note that you must credit the IJG in the documentation accompanying your program if you only distribute executables. You must also indicate any changes including additions and deletions

to those three files in the documentation.

tests/reference.pnm is under the expat license.

External libraries

FFmpeg can be combined with a number of external libraries, which sometimes affect the licensing of binaries resulting from the combination.

Compatible libraries

The following libraries are under GPL:

frei0r

libcdio

librubberband

libvidstab

libx264

libx265

libxavs

libxvid

When combining them with FFmpeg, FFmpeg needs to be licensed as GPL as well by passing `--enable-gpl` to `configure`.

The OpenCORE and VisualOn libraries are under the Apache License 2.0. That license is incompatible with the LGPL v2.1 and the GPL v2, but not with version 3 of those licenses. So to combine these libraries with FFmpeg, the license version needs to be upgraded by passing `--enable-version3` to `configure`.

Incompatible libraries

There are certain libraries you can combine with FFmpeg whose licenses are not compatible with the GPL and/or the LGPL. If you wish to enable these libraries, even in circumstances that their license may be incompatible, pass `--enable-nonfree` to `configure`. This will cause the resulting binary to be unredistributable.

The Fraunhofer FDK AAC and OpenSSL libraries are under licenses which are incompatible with the GPLv2 and v3. To the best of our knowledge, they are compatible with the LGPL.

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Version 2.1, February 1999

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```
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```

```
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This FDK AAC Codec software is intended to be used on a wide variety of Android devices.

AAC's HE-AAC and HE-AAC v2 versions are regarded as today's most efficient general perceptual audio codecs. AAC-ELD is considered the best-performing full-bandwidth communications codec by independent studies and is widely deployed. AAC has been standardized by ISO and IEC as part of the MPEG specifications.

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