

R&S®FSW V6.10SP1

Signal and Spectrum Analyzer

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added two files in devpackage and changed cmakefile.txt for find_package

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MD4 (RFC-1320) message digest.

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Freetype 2 - Bitmap Distribution Format (BDF) support

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Computer

and geometric modeling: implementation and algorithms By Max K. Agoston
1 edition (January 4, 2005)

<http://books.google.com/books?q=vatti+clipping+agoston>

See also: "Polygon Offsetting by Computing Winding Numbers" Paper no. pp. 565-575 ASME 2005 International Design Engineering Technical

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lifecycle
library, AndroidX lifecycle viewmodel library, AndroidX lifecycle
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most developers did not use the libraries. We concluded that weaker
conditions

promote sharing better.

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Almost Native Graphics Layer Engine

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http://software.blackmagicdesign.com/DeckLink/v10.7/Blackmagic_DeckLink_SDK_10.7.zip

Extracted from mac/include/DeckLinkAPI.h:

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Breakpad, An open-source multi-platform crash reporting system

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C++ port of zxcvbn, an advanced password strength estimation

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Closure compiler

Project Homepage: http://github.com/google/closure-compiler

```

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Cocoa extension code from Camino

Project Homepage: <http://caminobrowser.org/>

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Compact Encoding Detection

Project Homepage: https://github.com/google/compact_enc_det

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Compact Language Detector v3 Project Homepage:
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dom-distiller-js

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Emoji Segmenter

Project Homepage: <https://github.com/googlei18n/emoji-segmenter>

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Expat XML Parser

Project Homepage: <https://github.com/libexpat/libexpat>

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Specifically, the GPL parts of FFmpeg are: - libpostproc - optional x86
in the files

```

- `libavcodec/x86/flac_dsp_gpl.asm` - `libavcodec/x86/idct_mmx.c` -
- the following building and testing tools
- `compat/solaris/make_sunver.pl` - `doc/t2h.pm` - `doc/texti2pod.pl` -
- `tests/checkasm/*` - `tests/tiny_ssim.c`
- the following filters in libavfilter:
- `signature_lookup.c` - `vf_blackframe.c` - `vf_boxblur.c` -
- `vf_cover_rect.c` - `vf_cropdetect.c` - `vf_delogo.c` - `vf_eq.c` -
- `vf_fspp.c` - `vf_histeq.c` - `vf_hqdn3d.c` - `vf_kerndeint.c` -
  (GPL version 3 or later) - `vf_mcdeint.c` - `vf_mpdecimate.c` -
`vf_nnedi.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_signature.c`
-
- `vf_spp.c` - `vf_stereo3d.c` - `vf_super2xsai.c` - `vf_tinterlace.c`
-
- `vf_vaguedenoiser.c` - `vsrc_mptestsrc.c`
Should you, for whatever reason, prefer to use version 3 of the (L)GPL,
then
  configure parameter `--enable-version3` will activate this licensing
option for
  Read the file `COPYING.LGPLv3` or, if you have enabled GPL parts,
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handful of
  under other licensing terms, namely: * The files
`libavcodec/jfdctfst.c`,
  and
  `libavcodec/jrevdct.c` are taken from libjpeg, see the top of the files
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  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
  the licensing of binaries resulting from the combination. ### Compatible

The following libraries are under GPL version 2: - avisynth - frei0r -
libcdio
  libdavs2 - librubberband - libvidstab - libx264 - libx265 - libxavs -
libxavs2
  libxvid When combining them with FFmpeg, FFmpeg needs to be licensed as
GPL as

```

by passing `--enable-gpl` to configure. The following libraries are under LGPL

3:

- gmp - libaribb24 - liblensfun When combining them with FFmpeg, use the option `--enable-version3` to upgrade FFmpeg to the LGPL v3.

The VMAF, mbedTLS, RK MPI, OpenCORE and VisualOn libraries are under the Apache

2.0. That license is incompatible with the LGPL v2.1 and the GPL v2, but not

version 3 of those licenses. So to combine these libraries with FFmpeg, the

version needs to be upgraded by passing `--enable-version3` to configure. The

library is under the GPL v3, to combine it with FFmpeg, the options and `--enable-version3` have to be passed to configure to upgrade FFmpeg

to the

v3.

Incompatible libraries

There are certain libraries you can combine with FFmpeg whose licenses are not

with the GPL and/or the LGPL. If you wish to enable these libraries, even in

that their license may be incompatible, pass `--enable-nonfree` to configure.

will cause the resulting binary to be unredistributable. The Fraunhofer FDK AAC

OpenSSL libraries are under licenses which are incompatible with the GPLv2 and

To the best of our knowledge, they are compatible with the LGPL.

libavcodec/arm/jrevdct_arm.S

C-like prototype :

```
void j_rev_dct_arm(DCTBLOCK data)
```

With DCTBLOCK being a pointer to an array of 64 'signed shorts'

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libavcodec/arm/vp8dsp_armv6.S

VP8 ARMv6 optimisations

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libavcodec/mips/acelp_vectors_mips.c

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libavcodec/mips/amrwbdec_mips.c

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libavcodec/mips/celp_math_mips.c

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libavcodec/mips/fft_mips.c

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Optimized MDCT/IMDCT and FFT transforms

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libavcodec/mips/mpegauddsp_mips_float.c

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*****
*****

libavcodec/x86/xvididct.asm XVID MPEG-4 VIDEO CODEC

Conversion from gcc syntax to x264asm syntax with modifications

by Christophe Gisquet <christophe.gisquet@gmail.com>

===== SSE2 inverse discrete cosine transform =====
Copyright (C)
Pascal Massimino <skal@planet-d.net>;

Conversion to gcc syntax with modifications by Alexander Strange

Originally from dct/x86_asm/fdct_sse2_skal.asm in Xvid. Vertical pass is
an
of the scheme:
  Loeffler C., Ligtenberg A., and Moschytz C.S.: Practical Fast 1D DCT
Algorithm
  Eleven Multiplications, Proc. ICASSP 1989, 988-991.

Horizontal pass is a double 4x4 vector/matrix multiplication, (see also
Intel's
Note 922:
  http://developer.intel.com/vtune/cbts/strmsimd/922down.htm Copyright
(C) 1999
  Corporation)
More details at http://skal.planet-d.net/coding/dct.html

===== MMX and XMM forward discrete cosine transform =====

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by
at AP-922 http://developer.intel.com/vtune/cbts/strmsimd/922down.htm
(See more
notes at http://developer.intel.com/vtune/cbts/strmsimd/appnotes.htm)
but in a
edition. New macro implements a column part for precise iDCT The routine
now satisfies IEEE standard 1180-1990. Copyright (C) 2000-2001 Peter
Gubanov

```

Rounding trick Copyright (C) 2000 Michel Lespinasse
<walken@zoy.org>

<http://www.elecard.com/peter/idct.html>
<http://www.linuxvideo.org/mpeg2dec/>

These examples contain code fragments for first stage idCT 8x8 (for rows) and stage DCT 8x8 (for columns) conversion to gcc syntax by Michael Niedermayer

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```
*****
*****
libavformat/oggparsetheora.c
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libavutil/avsscanf.c

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libswresample/version.h Version macros.

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libavcodec/mips/aacsbr_mips.c libavcodec/mips/aacsbr_mips.h

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libavcodec/mips/compute_antialias_fixed.h
libavcodec/mips/lsp_mips.h libavcodec/mips/sbrdsp_mips.c
libavutil/float_dsp_mips.c libavutil/mips/libm_mips.h
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*****
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libavformat/oggdec.c libavformat/oggdec.h libavformat/oggparseogm.c

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libavformat/oggparsevorbis.c

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FidelityFX Single Pass Downsampler

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google-glog's symbolization library

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GVR Android SDK

Project Homepage: <https://github.com/googlevr/gvr-android-sdk>

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./test/smallvectors.cpp ./test/redux.cpp ./test/special_numbers.cpp
./test/resize.cpp ./test/mixingtypes.cpp ./test/product_trmv.cpp
./test/cholesky.cpp ./test/geo_quaternion.cpp ./test/miscmatrices.cpp
./test/integer_types.cpp ./test/product_large.cpp
./test/householder.cpp ./test/geo_orthomethods.cpp
./test/array_for_matrix.cpp
./test/upperbidiagonalization.cpp ./test/nomalloc.cpp
./test/packetmath.cpp
./test/geo_transformations.cpp ./test/swap.cpp
./test/inverse.cpp ./test/product_selfadjoint.cpp
./test/product_trsolve.cpp
./test/sparse_solver.h ./test/mapstride.cpp

./test/mapped_matrix.cpp ./test/geo_eulerangles.cpp
./test/eigen2support.cpp
./test/stdvector.cpp ./test/nesting_ops.cpp
./test/sparse_permutations.cpp
./test/exceptions.cpp ./test/vectorwiseop.cpp ./test/cwiseop.cpp
./test/product_trmm.cpp ./test/linearstructure.cpp
./test/sparse_product.cpp
./test/stable_norm.cpp ./test/umeyama.cpp ./test/unalignedcount.cpp
./test/product_mmtr.cpp ./test/sparse_basic.cpp ./test/sparse_vector.cpp
./test/real_qz.cpp ./test/ref.cpp ./test/eigensolver_complex.cpp
./test/conjugate_gradient.cpp ./test/sparse.h
./test/simplicial_cholesky.cpp
./test/dynalloc.cpp ./test/product_notemporary.cpp
./test/geo_hyperplane.cpp
./test/qr.cpp ./test/hessenberg.cpp ./test/sizeof.cpp ./test/main.h
./test/permutationmatrices.cpp ./test/superlu_support.cpp
./test/qtvector.cpp
./test/determinant.cpp ./test/array_reverse.cpp
./test/unalignedassert.cpp
./test/product_symm.cpp ./test/corners.cpp ./test/dontalign.cpp

./test/geo_alignedbox.cpp ./test/diagonalmatrices.cpp
./test/product_small.cpp
./test/umfpack_support.cpp ./test/first_aligned.cpp
./test/qr_fullpivoting.cpp
./test/geo_parametrizedline.cpp ./test/eigen2/eigen2_unalignedassert.cpp
./test/eigen2/eigen2_alignedbox.cpp
./test/eigen2/eigen2_sparse_product.cpp
./test/eigen2/eigen2_nomalloc.cpp ./test/eigen2/eigen2_visitor.cpp
./test/eigen2/eigen2_svd.cpp ./test/eigen2/eigen2_mixingtypes.cpp
./test/eigen2/eigen2_cwiseop.cpp
./test/eigen2/eigen2_smallvectors.cpp
./test/eigen2/eigen2_commainitializer.cpp
./test/eigen2/eigen2_hyperplane.cpp ./test/eigen2/eigen2_eigensolver.cpp
./test/eigen2/eigen2_sizeof.cpp

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./test/eigen2/eigen2_parametrizedline.cpp
./test/eigen2/eigen2_adjoint.cpp ./test/eigen2/eigen2_geometry.cpp
./test/eigen2/eigen2_newstdvector.cpp
./test/eigen2/eigen2_submatrices.cpp
./test/eigen2/eigen2_swap.cpp ./test/eigen2/eigen2_triangular.cpp
./test/eigen2/gsl_helper.h ./test/eigen2/eigen2_dynalloc.cpp
./test/eigen2/eigen2_map.cpp ./test/eigen2/main.h
./test/eigen2/eigen2_product_large.cpp
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./test/eigen2/eigen2_regression.cpp

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./test/eigen2/product.h ./test/eigen2/eigen2_sparse_basic.cpp
./test/array.cpp ./test/product_syrk.cpp ./test/commainitializer.cpp
./test/qr_colpivoting.cpp ./test/nullary.cpp ./test/bandmatrix.cpp
./test/product.h ./test/block.cpp ./test/vectorization_logic.cpp
./test/diagonal.cpp ./test/schur_complex.cpp ./test/sizeoverflow.cpp
./bench/benchFFT.cpp ./bench/eig33.cpp ./bench/spbench/spbenchsolver.h
./lapack/complex_double.cpp ./lapack/cholesky.cpp
./lapack/lapack_common.h
./lapack/single.cpp ./lapack/lu.cpp ./lapack/complex_single.cpp
./demos/mix_eigen_and_c/binary_library.cpp
./demos/mix_eigen_and_c/example.c ./demos/mandelbrot/mandelbrot.cpp
./demos/opengl/icosphere.cpp ./demos/opengl/icosphere.h
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./demos/opengl/quaternion_demo.cpp ./debug/gdb/printers.py
./unsupported/test/openglsupport.cpp ./unsupported/test/jacobisvd.cpp

./unsupported/test/dgmres.cpp ./unsupported/test/matrix_square_root.cpp
./unsupported/test/matrix_exponential.cpp
./unsupported/test/forward_adolc.cpp
./unsupported/test/matrix_function.cpp
./unsupported/test/sparse_extra.cpp
./unsupported/test/svd_common.h ./unsupported/test/FFTW.cpp
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./unsupported/test/levenberg_marquardt.cpp
./unsupported/test/matrix_power.cpp
./unsupported/test/splines.cpp ./unsupported/test/polynomialutils.cpp
./unsupported/Eigen/IterativeSolvers
./unsupported/Eigen/src/IterativeSolvers/IncompleteLU.h
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./unsupported/Eigen/src/BVH/KdBVH.h
./unsupported/Eigen/src/AutoDiff/AutoDiffJacobian.h

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./unsupported/Eigen/src/Splines/Spline.h
./unsupported/Eigen/src/Splines/SplineFwd.h
./unsupported/Eigen/src/SVD/BDCSVD.h
./unsupported/Eigen/src/SVD/SVDBase.h
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./unsupported/Eigen/src/MatrixFunctions/StemFunction.h
./unsupported/Eigen/src/MatrixFunctions/MatrixExponential.h

./unsupported/Eigen/src/MatrixFunctions/MatrixFunctionAtomic.h
./unsupported/Eigen/src/LevenbergMarquardt/LevenbergMarquardt.h
./unsupported/Eigen/src/FFT/ei_kissfft_impl.h
./unsupported/Eigen/src/Polynomials/Companion.h
./unsupported/Eigen/src/NumericalDiff/NumericalDiff.h
./unsupported/Eigen/src/Skyline/SkylineMatrixBase.h
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./LICENSE ./Eigen/Eigen2Support ./Eigen/src/Eigen2Support/VectorBlock.h
./Eigen/src/Eigen2Support/Minor.h ./Eigen/src/Eigen2Support/Lazy.h
./Eigen/src/Eigen2Support/MathFunctions.h
./Eigen/src/Eigen2Support/Geometry/Hyperplane.h
./Eigen/src/Eigen2Support/Geometry/Rotation2D.h
./Eigen/src/Eigen2Support/Geometry/RotationBase.h
./Eigen/src/Eigen2Support/Geometry/Scaling.h

./Eigen/src/Eigen2Support/Geometry/AngleAxis.h
./Eigen/src/Eigen2Support/TriangularSolver.h
./Eigen/src/Eigen2Support/LU.h
./Eigen/src/Eigen2Support/SVD.h ./Eigen/src/Eigen2Support/Meta.h
./Eigen/src/Eigen2Support/Macros.h
./Eigen/src/Eigen2Support/LeastSquares.h
./Eigen/src/Jacobi/Jacobi.h ./Eigen/src/misc/Kernel.h
./Eigen/src/misc/Solve.h ./Eigen/src/misc/Image.h
./Eigen/src/SparseCore/SparseTranspose.h
./Eigen/src/SparseCore/SparseUtil.h
./Eigen/src/SparseCore/SparseDiagonalProduct.h
./Eigen/src/SparseCore/SparseDot.h
./Eigen/src/SparseCore/SparseCwiseUnaryOp.h
./Eigen/src/SparseCore/SparseBlock.h
./Eigen/src/SparseCore/CompressedStorage.h
./Eigen/src/SparseCore/MappedSparseMatrix.h
./Eigen/src/SparseCore/SparseView.h ./Eigen/src/SparseCore/SparseFuzzy.h

```

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./Eigen/src/SparseCore/SparseSelfAdjointView.h
./Eigen/src/SparseCore/SparseVector.h
./Eigen/src/SparseCore/AmbiVector.h
./Eigen/src/SparseCore/SparseRedux.h
./Eigen/src/SparseCore/SparsePermutation.h
./Eigen/src/Eigenvalues/ComplexEigenSolver.h
./Eigen/src/Eigenvalues/ComplexSchur.h ./Eigen/src/Eigenvalues/RealQZ.h
./Eigen/src/Eigenvalues/HessenbergDecomposition.h
./Eigen/src/Eigenvalues/Tridiagonalization.h
./Eigen/src/Eigenvalues/MatrixBaseEigenvalues.h

./Eigen/src/StlSupport/StdDeque.h ./Eigen/src/StlSupport/StdVector.h
./Eigen/src/StlSupport/details.h ./Eigen/src/SparseQR/SparseQR.h
./Eigen/src/LU/arch/Inverse_SSE.h ./Eigen/src/LU/Determinant.h
./Eigen/src/LU/FullPivLU.h ./Eigen/src/UmfPackSupport/UmfPackSupport.h
./Eigen/src/OrderingMethods/Eigen_Colamd.h
./Eigen/src/QR/HouseholderQR.h
./Eigen/src/QR/FullPivHouseholderQR.h ./Eigen/src/SVD/JacobiSVD.h
./Eigen/src/Geometry/OrthoMethods.h ./Eigen/src/Geometry/AlignedBox.h
./Eigen/src/Geometry/Quaternion.h ./Eigen/src/Geometry/EulerAngles.h
./Eigen/src/Geometry/ParametrizedLine.h
./Eigen/src/Geometry/RotationBase.h
./Eigen/src/Geometry/Umeyama.h ./Eigen/src/Geometry/Homogeneous.h
./Eigen/src/Geometry/Scaling.h ./Eigen/src/Geometry/AngleAxis.h
./Eigen/src/plugins/BlockMethods.h
./Eigen/src/plugins/CommonCwiseUnaryOps.h
./Eigen/src/plugins/MatrixCwiseUnaryOps.h
./Eigen/src/Householder/Householder.h
./Eigen/src/Householder/BlockHouseholder.h
./Eigen/src/Core/VectorBlock.h
./Eigen/src/Core/Ref.h ./Eigen/src/Core/SelfAdjointView.h
./Eigen/src/Core/GlobalFunctions.h ./Eigen/src/Core/MapBase.h
./Eigen/src/Core/GenericPacketMath.h ./Eigen/src/Core/NestByValue.h
./Eigen/src/Core/SolveTriangular.h

./Eigen/src/Core/Fuzzy.h ./Eigen/src/Core/Visitor.h
./Eigen/src/Core/Map.h
./Eigen/src/Core/Diagonal.h ./Eigen/src/Core/StableNorm.h
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./Eigen/src/Core/products/GeneralMatrixMatrixTriangular.h
./Eigen/src/Core/products/GeneralMatrixMatrix.h
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./Eigen/src/Core/products/SelfadjointRank2Update.h
./Eigen/src/Core/products/GeneralMatrixVector.h
./Eigen/src/Core/Reverse.h ./Eigen/src/Core/BooleanRedux.h
./Eigen/src/Core/arch/Altivec/PacketMath.h
./Eigen/src/Core/arch/SSE/PacketMath.h
./Eigen/src/Core/arch/SSE/Complex.h
./Eigen/src/Core/arch/NEON/PacketMath.h

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./Eigen/src/Core/arch/NEON/Complex.h
./Eigen/src/Core/CwiseUnaryView.h ./Eigen/src/Core/Array.h
./Eigen/src/Core/Swap.h ./Eigen/src/Core/Transpositions.h
./Eigen/src/Core/IO.h ./Eigen/src/Core/SelfCwiseBinaryOp.h
./Eigen/src/Core/Select.h ./Eigen/src/Core/ArrayBase.h
./Eigen/src/Core/DiagonalProduct.h ./Eigen/src/Core/Assign.h
./Eigen/src/Core/ForceAlignedAccess.h ./Eigen/src/Core/BandMatrix.h
./Eigen/src/Core/DenseBase.h ./Eigen/src/Core/Flagged.h

./Eigen/src/Core/ProductBase.h ./Eigen/src/Core/TriangularMatrix.h
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./Eigen/src/Core/DenseStorage.h ./Eigen/src/Core/util/Memory.h
./Eigen/src/Core/util/BlasUtil.h ./Eigen/src/Core/util/MatrixMapper.h
./Eigen/src/Core/util/ForwardDeclarations.h ./Eigen/src/Core/util/Meta.h
./Eigen/src/Core/util/Constants.h ./Eigen/src/Core/CwiseNullaryOp.h
./Eigen/src/Core/GeneralProduct.h ./Eigen/src/Core/CommaInitializer.h
./Eigen/src/Core/Stride.h ./Eigen/src/SPQRSupport/SuiteSparseQRSupport.h
./Eigen/src/SparseLU/SparseLU_panel_dfs.h
./Eigen/src/SparseLU/SparseLU_panel_bmod.h
./Eigen/src/SparseLU/SparseLU_Uutils.h
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./Eigen/src/SparseLU/SparseLU_Memory.h
./Eigen/src/SparseLU/SparseLUImpl.h
./Eigen/src/SparseLU/SparseLU_Structs.h ./Eigen/src/SparseLU/SparseLU.h
./Eigen/src/SparseLU/SparseLU_pruneL.h
./Eigen/src/IterativeLinearSolvers/BasicPreconditioners.h
./Eigen/src/IterativeLinearSolvers/ConjugateGradient.h
./Eigen/src/SparseCholesky/SimplicialCholesky.h
./Eigen/src/Cholesky/LDLT.h
./Eigen/src/CholmodSupport/CholmodSupport.h

./Eigen/src/MetisSupport/MetisSupport.h ./Eigen/StdVector ./Eigen/Core
./Eigen/StdList ./Eigen/StdDeque ./Eigen/SparseCholesky
./scripts/relicense.py
./blas/BandTriangularSolver.h ./blas/PackedTriangularMatrixVector.h
./blas/level2_real_impl.h ./blas/level1_cplx_impl.h ./blas/level1_impl.h
./blas/level3_impl.h ./blas/single.cpp ./blas/level2_cplx_impl.h
./blas/Rank2Update.h ./blas/complex_single.cpp
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./Eigen/src/Eigenvalues/SelfAdjointEigenSolver_MKL.h
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./Eigen/src/LU/arch/Inverse_SSE.h
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./unsupported/Eigen/src/IterativeSolvers/IterationController.h
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```

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--- end of FTL.TXT ---

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Component
Component Location Primary Author License
Main Mesa code src/ mesa/ Brian Paul Mesa (MIT)

Device drivers src/ mesa/ drivers/* See drivers See drivers Ext headers
SGI SGI Free B
    include/GL/glxext.h

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for the slf4j package

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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions

lines or less in length), then the use of the object file is unrestricted,

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with the Library, with the complete machine-readable "work that uses the

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the executable, and (2) will operate properly with a modified version of the

if the user installs one, as long as the modified version is

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Headers for the Windows 10 WebAuthn API (webauthn.dll)

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icu

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Khronos reference front-end for GLSL and ESSL

Project Homepage: <https://github.com/KhronosGroup/glslang>

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LevelDB: A Fast Persistent Key-Value Store

Project Homepage: <https://github.com/google/leveldb.git>

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libaddressinput

Project Homepage: <https://github.com/googleil18n/libaddressinput>

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libavif - Library for encoding and decoding .avif files

Project Homepage: <https://github.com/AOMediaCodec/libavif>

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Files: tests/cJSON.*

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of
1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy
from a designated place, then offering equivalent access to copy the
source
from the same place satisfies the requirement to distribute the source
code,
though third parties are not compelled to copy the source along with the
object

5. A program that contains no derivative of any portion of the
Library, but is designed to work with the Library by being compiled or
linked

it, is called a "work that uses the Library". Such a work, in isolation, is not

derivative work of the Library, and therefore falls outside the scope of this

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains

of the Library), rather than a "work that uses the library". The executable is

covered by this License. Section 6 states terms for distribution of such

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative

of the Library even though the source code is not. Whether this is true is

significant if the work can be linked without the Library, or if the work is

a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions

lines or less in length), then the use of the object file is unrestricted,

of whether it is legally a derivative

work. (Executables containing this object code plus portions of the Library

still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6.

Any

containing that work also fall under Section 6, whether or not they are linked

with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work portions of the Library, and distribute that work under terms of your choice,

that the terms permit modification of the work for the customer's own use and

engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this

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as a reference directing the user to the copy of this License. Also, you must

one of these things:

a) Accompany the work with the complete corresponding machine-readable source

for the Library including whatever changes were used in the work (which must

distributed under Sections 1 and 2 above); and, if the work is an executable

with the Library, with the complete machine-readable "work that uses the

as object code and/or source code, so that the user can modify the Library

then relink to produce a modified executable containing the modified Library.

is understood that the user who changes the contents of definitions files in

Library will not necessarily be able to recompile the application to use the

definitions.) b) Use a suitable shared library mechanism for linking with the

A suitable mechanism is one that (1) uses at run time a copy of the library

present on the user's computer system, rather than copying library functions

the executable, and (2) will operate properly with a modified version of the

if the user installs one, as long as the modified version is

with the version that the work was made with. c) Accompany the work with a

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from a designated place, offer equivalent access to copy the above specified

from the same place. e) Verify that the user has already received a copy of

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For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the

from it. However, as a special exception, the materials to be distributed need

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the major components (compiler, kernel, and so on) of the operating system on

the executable runs, unless that component itself accompanies the executable.

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Subsection 2d requires that any application-supplied function or table used this function must

be optional: if the application does not supply it, the square root function still compute square roots.)

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However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is covered by this License. Section 6 states terms for distribution of such

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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (less than 100 lines or less in length), then the use of the object file is unrestricted, of whether it is legally a derivative work. (Executables containing this object plus portions of the Library will still fall under Section 6.)

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linux-syscall-support

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 nsSMILKeySpline.cpp
 var spline = BezierEasing([0.25, 0.1, 0.25, 1.0]) spline.get(x) =>
 returns
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Protocol Buffers

Project Homepage: <https://github.com/google/protobuf>

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PSM (Private Set Membership) client side

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pyjson5

Project Homepage: <https://github.com/dpranke/pyjson5>

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pywebsocket3

Project Homepage: <https://github.com/GoogleChromeLabs/pywebsocket3/>

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Quick Color Management System

Project Homepage: <https://github.com/jrmuizel/qcms/tree/v4>

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re2 - an efficient, principled regular expression library

Project Homepage: <https://github.com/google/re2>

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Recurrent neural network for audio noise reduction

Project Homepage: <https://github.com/xiph/rnnoise>

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Contains code from <https://github.com/mozilla/language-mapping-list>

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Simple Homomorphic Encryption Library with Lattices

Project Homepage: <https://github.com/google/shell-encryption>

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simplejson

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six

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Snappy: A fast compressor/decompressor

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url_parse

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If distribution of object code is made by offering access to copy
from a designated place, then offering equivalent access to copy the
source
from the same place satisfies the requirement to distribute the source
code,
though third parties are not compelled to copy the source along with the
object

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked it, is called a "work that uses the Library". Such a work, in isolation, is not derivative work of the Library, and therefore falls outside the scope of this

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains of the Library), rather than a "work that uses the library". The executable is

covered by this License. Section 6 states terms for distribution of such When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a

derivative work of the Library even though the source code is not. Whether this

true is especially significant if the work can be linked without the Library,

if the work is itself a library. The threshold for this to be true is not defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions

lines or less in length), then the use of the object file is unrestricted,

of whether it is legally a derivative work. (Executables containing this object

plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6.

Any

containing that work also fall under Section 6, whether or not they are linked

with the Library itself. ^L

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work portions of the Library, and distribute that work under terms of your choice,

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must
one of these things:
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source
for the Library including whatever changes were used in the work
(which must
distributed under Sections 1 and 2 above); and, if the work is an
executable
with the Library, with the complete machine-readable "work that uses
the
as object code and/or source code, so that the user can modify the
Library
then relink to produce a modified executable containing the modified
Library.
is understood that the user who changes the contents of definitions
files in
Library will not necessarily be able to recompile the application to
use the
definitions.) b) Use a suitable shared library mechanism for linking
with the
A suitable mechanism is one that (1) uses at run time a copy of the
library
present on the user's computer system, rather than copying library
functions
the executable, and (2) will operate properly with a modified version
of the
if the user installs one, as long as the modified version is
with the version that the work was made with. c) Accompany the work
with a
offer, valid for at least

three years, to give the same user the materials specified in
Subsection 6a,
for a charge no more than the cost of performing this distribution. d)
If
of the work is made by offering access to copy from a designated
place, offer
access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials
or
you have already sent this user a copy.
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from it. However, as a special exception, the materials to be
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the major components (compiler, kernel, and so on) of the operating system on

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That's all there is to it!

V8 JavaScript Engine

Project Homepage: <http://code.google.com/p/v8>

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also formed the basis of V8's implementation in src/wasm/c-api.cc. These libraries have their own licenses; we recommend you read them, as their may differ from the terms below.

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valgrind

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Vulkan API headers

Project Homepage: <https://github.com/KhronosGroup/Vulkan-Headers>

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VulkanMemoryAllocator

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refers to a function or a table of data to be supplied by an
application

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facility is

then you must make a good faith effort to ensure that, in the event an
does not supply such function or table, the facility still operates,
and

whatever part of its purpose remains meaningful. (For example, a
function in

library to compute square roots has a purpose that is entirely well-
defined

of the application. Therefore, Subsection 2d requires that any
function or table used by this function must be optional: if the
application

not supply it, the square root function must still compute square
roots.)

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though third parties are not compelled to copy the source along with the object

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked

it, is called a "work that uses the Library". Such a work, in isolation, is not

derivative work of the Library, and therefore falls outside the scope of this

However, linking a "work that uses the Library" with the Library

creates an executable that is a derivative of the Library (because it contains

of the Library), rather than a "work that uses the library". The executable is

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When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative

of the Library even though the source code is not. Whether this is true is

significant if the work can be linked without the Library, or if the work is

a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions

lines or less in length), then the use of the object file is unrestricted,

of whether it is legally a derivative work. (Executables containing this object

plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6.

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containing that work also fall under Section 6, whether or not they are linked

with the Library itself.

6. As an exception to the Sections above, you may also compile or link a "work that uses the Library" with the Library to produce a work portions of the Library, and distribute that work under terms of your choice,

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5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked

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as object code and/or source code, so that the user can modify the Library

then relink to produce a modified executable containing the modified Library.

is understood that the user who changes the contents of definitions files in

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definitions.) b) Use a suitable shared library mechanism for linking with the

A suitable mechanism is one that (1) uses at run time a copy of the library

present on the user's computer system, rather than copying library functions

the executable, and (2) will operate properly with a modified version of the

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WebM container parser and writer.

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WebP image encoder/decoder

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Weston - reference Wayland compositor

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woff2

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xdg-user-dirs

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