

R&S® FPL1000 V2.20

R&S® Spectrum Analyzer

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1304011000
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- R&S® FPL1014 Spectrum Analyzer
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1304.0110.00 | Version 30.00 | R&S®FPL1000 V2.20

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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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"A generic solution to polygon clipping" Communications of the ACM, Vol 35,

7 (July 1992) pp 56-63. <http://portal.acm.org/citation.cfm?id=129906>
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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Project Homepage:

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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Project Homepage: <https://github.com/rianhunter/zxcvbn-cpp>

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Chromium OS system API

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Closure compiler

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Compact Encoding Detection

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

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dav1d is an AV1 decoder :)

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dom-distiller-js

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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
for
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  your program if you only distribute executables. You must also indicate
any
  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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  OF SUCH DAMAGE. Author: Stanislav Ocovaj (socovaj@mips.com) Author:
Zoran Lukic
  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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=====

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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/fft_table.h
libavcodec/mips/aacdec_mips.c libavcodec/mips/aacdec_mips.h
libavcodec/mips/aacsbr_mips.c libavcodec/mips/aacsbr_mips.h

```

libavcodec/mips/amrwbdec_mips.h
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
libavutil/float_dsp_mips.c libavutil/mips/libm_mips.h
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*****
*****
libavformat/oggdec.c libavformat/oggdec.h libavformat/oggparseogm.c

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libavformat/oggparsevorbis.c

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then relink to produce a modified

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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
./test/eigen2/eigen2_first_aligned.cpp
./test/eigen2/eigen2_determinant.cpp ./test/eigen2/eigen2_sum.cpp
./test/eigen2/eigen2_regression.cpp

./test/eigen2/eigen2_product_small.cpp ./test/eigen2/eigen2_qtvector.cpp
./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
./demos/opengl/quaternion_demo.h ./demos/opengl/camera.h
./demos/opengl/gpuhelper.h ./demos/opengl/trackball.cpp
./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
./unsupported/test/autodiff.cpp ./unsupported/test/gmres.cpp
./unsupported/test/levenberg_marquardt.cpp
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./unsupported/Eigen/src/SparseExtra/MatrixMarketIterator.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
./unsupported/Eigen/src/MatrixFunctions/MatrixSquareRoot.h
./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
./unsupported/Eigen/src/Skyline/SkylineUtil.h
./unsupported/Eigen/src/Skyline/SkylineMatrix.h
./unsupported/Eigen/SparseExtra
./unsupported/Eigen/KroneckerProduct
./unsupported/Eigen/NonLinearOptimization
./unsupported/Eigen/OpenGLSupport ./unsupported/Eigen/ArpackSupport
./unsupported/Eigen/Splines ./unsupported/Eigen/MPRealSupport
./unsupported/Eigen/MoreVectorization
./unsupported/Eigen/LevenbergMarquardt
./unsupported/Eigen/FFT ./unsupported/Eigen/Polynomials
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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
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./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
./Eigen/src/Core/products/Parallelizer.h
./Eigen/src/Core/products/GeneralMatrixMatrixTriangular.h
./Eigen/src/Core/products/GeneralMatrixMatrix.h
./Eigen/src/Core/products/CoeffBasedProduct.h
./Eigen/src/Core/products/SelfadjointMatrixMatrix.h
./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

```

```

./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
./Eigen/src/Core/DiagonalMatrix.h ./Eigen/src/Core/Dot.h
./Eigen/src/Core/PermutationMatrix.h ./Eigen/src/Core/NumTraits.h
./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
./Eigen/src/SparseLU/SparseLU_kernel_bmod.h
./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
./blas/double.cpp ./blas/common.h ./blas/level2_impl.h
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```
-----
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./unsupported/Eigen/src/IterativeSolvers/IterationController.h
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table of data to be supplied by an application program that uses the other than as an argument passed when the facility is invoked, then you must

a good faith effort to ensure that, in the event an application does not

such function or table, the facility still operates, and performs whatever

of its purpose remains meaningful. (For example, a function in a library to

square roots has a purpose that is entirely well-defined independent of the

Therefore, Subsection 2d requires that any application-supplied function or

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icu

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libavif - Library for encoding and decoding .avif files

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of
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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
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object
5. A program that contains no derivative of any portion of the
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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 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

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one of these things:

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

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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

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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

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

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libudev

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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 code 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 code.

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It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the system. Such a contradiction means you cannot use both them and the Library in an executable that you distribute.

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BezierEasing - use bezier curve for transition easing function by Gaetan
 2014 - 2015 MIT License Credits: is based on Firefox's
 nsSMILKeySpline.cpp
 var spline = BezierEasing([0.25, 0.1, 0.25, 1.0]) spline.get(x) =>
 returns
 easing value | x must be in [0, 1] range

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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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six

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Snappy: A fast compressor/decompressor

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Alexander L. Roshal

URI Template Parser

Project Homepage: <https://github.com/google/google-api-cpp-client/>

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url_parse

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usrsrc

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V8 JavaScript Engine

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Vulkan API headers

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

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VulkanMemoryAllocator

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Web Animations JS

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Weston - reference Wayland compositor

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woff2

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xdg-user-dirs

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