

R&S® ZNB R&S® ZNBT R&S® ZND

3.71

Vector Network Analyzer

Open Source Acknowledgment



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Version 20.01

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added two files in devpackage and changed cmakefile.txt for find\_package

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Version 3, 29 June 2007

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The code in this library is an extension of Bala Vatti's clipping algorithm:

"A generic solution to polygon clipping"

Communications of the ACM, Vol 35, Issue 7 (July 1992) pp 56-63.

<http://portal.acm.org/citation.cfm?id=129906>

Computer graphics and geometric modeling: implementation and algorithms

By Max K. Agoston

Springer; 1 edition (January 4, 2005)

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

See also:

"Polygon Offsetting by Computing Winding Numbers"

Paper no. DETC2005-85513 pp. 565-575

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geosimplify-js polyline simplification library

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<https://github.com/deanm/css-color-parser-js>

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ANGLE array bounds clamped from WebKit

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

Project Homepage: <https://chromium.googlesource.com/breakpad/breakpad>

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Brotli

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

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

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

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Closure compiler

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

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d3

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dom-distiller -js

Project Homepage: <https://github.com/chromium/dom-distiller>

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dynamic annotations

Project Homepage: <http://code.google.com/p/data-race-test/wiki/DynamicAnnotations>

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\* Author: Kostya Serebryany

\* /

Emoji Segmenter

Project Homepage: <https://github.com/googleil18n/emoji-segmenter>

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- `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/tests/swresample.c`
- `tests/checkasm/*`
- `tests/tiny_ssim.c`
- the following filters in libavfilter:
- `signature_lookup.c`
- `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`
- `vf_fspp.c`
- `vf_histeq.c`
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- `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_smartblur.c`
- `vf_spp.c`
- `vf_stereo3d.c`
- `vf_super2xsai.c`
- `vf_tinterlace.c`
- `vf_uspp.c`
- `vf_vaguedenoiser.c`
- `vsrc_mptestsrc.c`

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- frei0r
- libcdio
- libdavs2
- librubberband
- libvidstab
- libx264
- libx265
- libxavs
- libxavs2
- libxvid
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passing `--enable-gpl` to configure.
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- libaribb24
- liblensfun
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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.
The smbclient library is under the GPL v3, to combine it with FFmpeg,
the options `--enable-gpl` and `--enable-version3` have to be passed to
configure to upgrade FFmpeg to the GPL v3.
### 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.
*****
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/mips/acelp\_filters\_mips.c

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Author: Nedeljko Babic (nbabic@mips.com)

various filters for ACELP-based codecs optimized for MIPS

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libavcodec/mips/acelp\_vectors\_mips.c

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adaptive and fixed codebook vector operations for ACELP-based codecs optimized for MIPS

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libavcodec/mips/amrbdec\_mips.c

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various filters for CELP-based codecs optimized for MIPS

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libavcodec/mips/celp\_math\_mips.c

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Math operations optimized for MIPS

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Optimized MDCT/IMDCT and FFT transforms  
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Author: Bojan Zivkovic (bojan@mips.com)

MPEG Audio decoder optimized for MIPS floating-point architecture

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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) 2003 Pascal Massimino <skal@planet-d.net>

Conversion to gcc syntax with modifications

by Alexander Strange <astrange@ithinksw.com>

Originally from dct/x86\_asm/fdct\_sse2\_skal.asm in Xvid.

Vertical pass is an implementation of the scheme:

Loeffler C., Ligtenberg A., and Moschytz C.S.:

Practical Fast 1D DCT Algorithm with Eleven Multiplications,  
Proc. ICASSP 1989, 988-991.

Horizontal pass is a double 4x4 vector/matrix multiplication,  
(see also Intel's Application Note 922:  
<http://developer.intel.com/vtune/cbts/strmsimd/922down.htm>  
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More details at <http://skal.planet-d.net/coding/dct.html>  
===== MMX and XMM forward discrete cosine transform =====  
Copyright (C) 2001 Peter Ross <pross@xvid.org>  
Originally provided by Intel at AP-922  
<http://developer.intel.com/vtune/cbts/strmsimd/922down.htm>  
(See more app notes at <http://developer.intel.com/vtune/cbts/strmsimd/appnotes.htm>)  
but in a limited edition.

New macro implements a column part for precise iDCT  
The routine precision now satisfies IEEE standard 1180-1990.  
Copyright (C) 2000-2001 Peter Gubanov <peter@eleccard.net.ru>  
Rounding trick Copyright (C) 2000 Michel Lespinasse <walken@zoy.org>  
<http://www.eleccard.com/peter/idct.html>  
<http://www.linuxvideo.org/mpeg2dec/>  
These examples contain code fragments for first stage iDCT 8x8  
(for rows) and first stage DCT 8x8 (for columns)  
conversion to gcc syntax by Michael Niedermayer  
=====

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libavutil/avsscanf.c

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libswresample/swresample.h

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libswresample/version.h

Version macros.

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 libavcodec/jfdctint\_template.c  
 libavcodec/jrevdct.c

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 libavcodec/fft\_init\_table.c  
 libavcodec/fft\_table.h  
 libavcodec/mdct\_fixed\_32.c  
 libavcodec/mips/aacdec\_mips.c  
 libavcodec/mips/aacdec\_mips.h  
 libavcodec/mips/aacpsdsp\_mips.c  
 libavcodec/mips/aacsbr\_mips.c  
 libavcodec/mips/aacsbr\_mips.h libavcodec/mips/amrwbdec\_mips.h  
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 libavcodec/mips/compute\_antialias\_float.h  
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libavutil/fixed_dsp.c
libavutil/fixed_dsp.h
libavutil/mips/float_dsp_mips.c
libavutil/mips/libm_mips.h
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FidelityFX Single Pass Downsampler

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FlatBuffer s

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2006-Jan-27

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curl
*****

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dynamic_annotations
*****

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*****

eigen3

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```

```

-----
Following applies to:
./test/mapstaticmethods.cpp
./test/schur_real.cpp
./test/prec_inverse_4x4.cpp
./test/smallvectors.cpp
./test/redux.cpp
./test/special_numbers.cpp
./test/adjoint.cpp
./test/resize.cpp
./test/mixingtypes.cpp
./test/product_trmv.cpp
./test/sparse_solvers.cpp
./test/cholesky.cpp
./test/geo_quaternion.cpp
./test/miscmatrices.cpp
./test/stddeque.cpp
./test/integer_types.cpp
./test/product_large.cpp
./test/eigensolver_generic.cpp
./test/householder.cpp
./test/geo_orthomethods.cpp
./test/array_for_matrix.cpp
./test/sparseLM.cpp
./test/upperbidiagonalization.cpp
./test/nomalloc.cpp
./test/packetmath.cpp
./test/jacobisvd.cpp
./test/geo_transformations.cpp
./test/swap.cpp
./test/eigensolver_selfadjoint.cpp
./test/inverse.cpp
./test/product_selfadjoint.cpp
./test/product_trsolve.cpp
./test/product_extra.cpp
./test/sparse_solver.h

```

```
./test/mapstride.cpp ./test/mapped_matrix.cpp
./test/geo_eulerangles.cpp
./test/eigen2support.cpp
./test/denseLM.cpp
./test/stdvector.cpp
./test/nesting_ops.cpp
./test/sparse_permutations.cpp
./test/zerosized.cpp
./test/exceptions.cpp
./test/vectorwiseop.cpp
./test/cwiseop.cpp
./test/basicstuff.cpp
./test/product_trmm.cpp
./test/linearstructure.cpp
./test/sparse_product.cpp
./test/stdvector_overload.cpp
./test/stable_norm.cpp
./test/umeyama.cpp
./test/unalignedcount.cpp
./test/triangular.cpp
./test/product_mmtr.cpp
./test/sparse_basic.cpp
./test/sparse_vector.cpp
./test/meta.cpp
./test/real_qz.cpp
./test/ref.cpp
./test/eigensolver_complex.cpp
./test/cholmod_support.cpp
./test/conjugate_gradient.cpp
./test/sparse.h
./test/simplicial_cholesky.cpp
./test/bicgstab.cpp
./test/dynalloc.cpp
./test/product_notemporary.cpp
./test/geo_hyperplane.cpp
./test/lu.cpp
./test/qr.cpp
./test/hessenberg.cpp
./test/sizeof.cpp
./test/main.h
./test/selfadjoint.cpp
./test/permutationmatrices.cpp
./test/superlu_support.cpp
./test/qtvector.cpp
./test/geo_homogeneous.cpp
./test/determinant.cpp
./test/array_reverse.cpp
./test/unalignedassert.cpp
./test/stdlist.cpp
./test/product_symm.cpp
```

```

./test/corners.cpp
./test/dontalign.cpp
./test/visitor.cpp ./test/geo_alignedbox.cpp
./test/diagonalmatrices.cpp
./test/product_small.cpp
./test/eigensolver_generalized_real.cpp
./test/umfpack_support.cpp
./test/first_aligned.cpp
./test/qr_fullpivoting.cpp
./test/array_replicate.cpp
./test/geo_parametrizedline.cpp
./test/eigen2/eigen2_unalignedassert.cpp
./test/eigen2/eigen2_prec_inverse_4x4.cpp
./test/eigen2/eigen2_alignedbox.cpp
./test/eigen2/eigen2_sparse_product.cpp
./test/eigen2/eigen2_meta.cpp
./test/eigen2/eigen2_nomalloc.cpp
./test/eigen2/eigen2_visitor.cpp
./test/eigen2/eigen2_packetmath.cpp
./test/eigen2/eigen2_svd.cpp
./test/eigen2/eigen2_mixingtypes.cpp
./test/eigen2/eigen2_qr.cpp
./test/eigen2/eigen2_cwiseop.cpp
./test/eigen2/eigen2_geometry_with_eigen2_prefix.cpp
./test/eigen2/eigen2_smallvectors.cpp
./test/eigen2/eigen2_commainitializer.cpp
./test/eigen2/eigen2_sparse_solvers.cpp
./test/eigen2/eigen2_hyperplane.cpp
./test/eigen2/eigen2_eigensolver.cpp
./test/eigen2/eigen2_linearstructure.cpp
./test/eigen2/eigen2_sizeof.cpp
./test/eigen2/eigen2_parametrizedline.cpp
./test/eigen2/eigen2_lu.cpp
./test/eigen2/eigen2_adjoint.cpp
./test/eigen2/eigen2_geometry.cpp
./test/eigen2/eigen2_stdvector.cpp
./test/eigen2/eigen2_newstdvector.cpp
./test/eigen2/eigen2_submatrices.cpp
./test/eigen2/sparse.h
./test/eigen2/eigen2_swap.cpp
./test/eigen2/eigen2_triangular.cpp
./test/eigen2/eigen2_basicstuff.cpp
./test/eigen2/gsl_helper.h
./test/eigen2/eigen2_dynalloc.cpp
./test/eigen2/eigen2_array.cpp
./test/eigen2/eigen2_map.cpp
./test/eigen2/main.h
./test/eigen2/eigen2_miscmatrices.cpp
./test/eigen2/eigen2_product_large.cpp
./test/eigen2/eigen2_first_aligned.cpp

```



```

./test/eigen2/eigen2_cholesky.cpp
./test/eigen2/eigen2_determinant.cpp
./test/eigen2/eigen2_sum.cpp
./test/eigen2/eigen2_inverse.cpp
./test/eigen2/eigen2_regression.cpp ./test/eigen2/eigen2_product_small.cpp
./test/eigen2/eigen2_qtvector.cpp
./test/eigen2/eigen2_sparse_vector.cpp
./test/eigen2/product.h
./test/eigen2/eigen2_sparse_basic.cpp
./test/eigen2/eigen2_bug_132.cpp
./test/array.cpp
./test/product_syrk.cpp
./test/commainitializer.cpp
./test/conservative_resize.cpp
./test/qr_colpivoting.cpp
./test/nullary.cpp
./test/bandmatrix.cpp
./test/pastix_support.cpp
./test/product.h
./test/block.cpp
./test/vectorization_logic.cpp
./test/jacobi.cpp
./test/diagonal.cpp
./test/schur_complex.cpp
./test/sizeoverflow.cpp
./bench/BenchTimer.h
./bench/benchFFT.cpp
./bench/eig33.cpp
./bench/spbench/spbenchsolver.h
./bench/spbench/spbenchstyle.h
./lapack/complex_double.cpp
./lapack/cholesky.cpp
./lapack/lapack_common.h
./lapack/eigenvalues.cpp
./lapack/single.cpp
./lapack/lu.cpp
./lapack/complex_single.cpp
./lapack/double.cpp
./demos/mix_eigen_and_c/binary_library.cpp
./demos/mix_eigen_and_c/binary_library.h
./demos/mix_eigen_and_c/example.c
./demos/mandelbrot/mandelbrot.cpp
./demos/mandelbrot/mandelbrot.h
./demos/opengl/icosphere.cpp
./demos/opengl/icosphere.h
./demos/opengl/camera.cpp
./demos/opengl/quaternion_demo.h
./demos/opengl/camera.h
./demos/opengl/trackball.h
./demos/opengl/gpuhelper.h

```

```

./demos/opengl/trackball.cpp
./demos/opengl/gpuhelper.cpp
./demos/opengl/quaternion_demo.cpp
./debug/gdb/printers.py
./unsupported/test/minres.cpp
./unsupported/test/openglsupport.cpp
./unsupported/test/jacobisvd.cpp ./unsupported/test/dgmres.cpp
./unsupported/test/matrix_square_root.cpp
./unsupported/test/bdcsvd.cpp
./unsupported/test/matrix_exponential.cpp
./unsupported/test/forward_adolc.cpp
./unsupported/test/polynomialsolver.cpp
./unsupported/test/matrix_function.cpp
./unsupported/test/sparse_extra.cpp
./unsupported/test/matrix_functions.h
./unsupported/test/svd_common.h
./unsupported/test/FFTW.cpp
./unsupported/test/alignedvector3.cpp
./unsupported/test/autodiff.cpp
./unsupported/test/gmres.cpp
./unsupported/test/BVH.cpp
./unsupported/test/levenberg_marquardt.cpp
./unsupported/test/matrix_power.cpp
./unsupported/test/kronecker_product.cpp
./unsupported/test/splines.cpp
./unsupported/test/polynomialutils.cpp
./unsupported/bench/bench_svd.cpp
./unsupported/Eigen/IterativeSolvers
./unsupported/Eigen/src/IterativeSolvers/DGMRES.h
./unsupported/Eigen/src/IterativeSolvers/IncompleteLU.h
./unsupported/Eigen/src/IterativeSolvers/GMRES.h
./unsupported/Eigen/src/IterativeSolvers/IncompleteCholesky.h
./unsupported/Eigen/src/IterativeSolvers/Scaling.h
./unsupported/Eigen/src/IterativeSolvers/MINRES.h
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./unsupported/Eigen/src/AutoDiff/AutoDiffVector.h
./unsupported/Eigen/src/Splines/Spline.h
./unsupported/Eigen/src/Splines/SplineFitting.h
./unsupported/Eigen/src/Splines/SplineFwd.h

```

```

./unsupported/Eigen/src/SVD/JacobiSVD.h
./unsupported/Eigen/src/SVD/BDCSVD.h
./unsupported/Eigen/src/SVD/SVDBase.h
./unsupported/Eigen/src/MatrixFunctions/MatrixFunction.h
./unsupported/Eigen/src/MatrixFunctions/MatrixSquareRoot.h
./unsupported/Eigen/src/MatrixFunctions/MatrixLogarithm.h
./unsupported/Eigen/src/MatrixFunctions/StemFunction.h
./unsupported/Eigen/src/MatrixFunctions/MatrixPower.h
./unsupported/Eigen/src/MatrixFunctions/MatrixExponential.h
./unsupported/Eigen/src/MatrixFunctions/MatrixFunctionAtomic.h
./unsupported/Eigen/src/MoreVectorization/MathFunctions.h
./unsupported/Eigen/src/LevenbergMarquardt/LevenbergMarquardt.h
./unsupported/Eigen/src/FFT/ei_fftw_impl.h
./unsupported/Eigen/src/FFT/ei_kissfft_impl.h
./unsupported/Eigen/src/Polynomials/PolynomialSolver.h
./unsupported/Eigen/src/Polynomials/Companion.h
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./unsupported/Eigen/src/Skyline/SkylineProduct.h
./unsupported/Eigen/src/Skyline/SkylineMatrixBase.h
./unsupported/Eigen/src/Skyline/SkylineStorage.h
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./unsupported/Eigen/src/Skyline/SkylineMatrix.h
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./unsupported/Eigen/AdolcForward
./unsupported/Eigen/KroneckerProduct
./unsupported/Eigen/NonLinearOptimization
./unsupported/Eigen/BVH
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./unsupported/Eigen/NumericalDiff
./unsupported/Eigen/Skyline
./COPYING.README
./COPYING.README
./LICENSE
./LICENSE
./LICENSE
./Eigen/Eigen2Support
./Eigen/src/Eigen2Support/VectorBlock.h
./Eigen/src/Eigen2Support/Cwise.h

```

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./Eigen/src/Eigen2Support/Minor.h
./Eigen/src/Eigen2Support/Lazy.h
./Eigen/src/Eigen2Support/Memory.h
./Eigen/src/Eigen2Support/MathFunctions.h
./Eigen/src/Eigen2Support/Geometry/AlignedBox.h
./Eigen/src/Eigen2Support/Geometry/Hyperplane.h
./Eigen/src/Eigen2Support/Geometry/Quaternion.h
./Eigen/src/Eigen2Support/Geometry/Rotation2D.h
./Eigen/src/Eigen2Support/Geometry/ParametrizedLine.h
./Eigen/src/Eigen2Support/Geometry/RotationBase.h
./Eigen/src/Eigen2Support/Geometry/Translation.h
./Eigen/src/Eigen2Support/Geometry/Scaling.h
./Eigen/src/Eigen2Support/Geometry/AngleAxis.h
./Eigen/src/Eigen2Support/Geometry/Transform.h
./Eigen/src/Eigen2Support/TriangularSolver.h
./Eigen/src/Eigen2Support/LU.h
./Eigen/src/Eigen2Support/QR.h
./Eigen/src/Eigen2Support/SVD.h
./Eigen/src/Eigen2Support/Meta.h
./Eigen/src/Eigen2Support/Block.h
./Eigen/src/Eigen2Support/Macros.h
./Eigen/src/Eigen2Support/LeastSquares.h
./Eigen/src/Eigen2Support/CwiseOperators.h
./Eigen/src/Jacobi/Jacobi.h
./Eigen/src/misc/Kernel.h
./Eigen/src/misc/SparseSolve.h
./Eigen/src/misc/Solve.h
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./Eigen/src/SparseCore/SparseSelfAdjointView.h
./Eigen/src/SparseCore/SparseMatrix.h
./Eigen/src/SparseCore/SparseVector.h
./Eigen/src/SparseCore/AmbiVector.h

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```

./Eigen/src/SparseCore/ConservativeSparseSparseProduct.h
./Eigen/src/SparseCore/SparseRedux.h
./Eigen/src/SparseCore/SparsePermutation.h
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./Eigen/src/Eigenvalues/ComplexEigenSolver.h
./Eigen/src/Eigenvalues/GeneralizedEigenSolver.h
./Eigen/src/Eigenvalues/ComplexSchur.h
./Eigen/src/Eigenvalues/RealQZ.h
./Eigen/src/Eigenvalues/EigenSolver.h
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./Eigen/src/Eigenvalues/SelfAdjointEigenSolver.h
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./Eigen/src/SuperLUSupport/SuperLUSupport.h
./Eigen/src/StlSupport/StdDeque.h
./Eigen/src/StlSupport/StdVector.h
./Eigen/src/StlSupport/StdList.h
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./Eigen/src/LU/arch/Inverse_SSE.h
./Eigen/src/LU/Determinant.h
./Eigen/src/LU/PartialPivLU.h
./Eigen/src/LU/FullPivLU.h
./Eigen/src/UmfPackSupport/UmfPackSupport.h
./Eigen/src/OrderingMethods/Ordering.h
./Eigen/src/OrderingMethods/Eigen_Colamd.h
./Eigen/src/QR/HouseholderQR.h
./Eigen/src/QR/ColPivHouseholderQR.h
./Eigen/src/QR/FullPivHouseholderQR.h
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./Eigen/src/SVD/UpperBidiagonalization.h
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./Eigen/src/Geometry/Quaternion.h
./Eigen/src/Geometry/EulerAngles.h
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./Eigen/src/Geometry/Umeyama.h
./Eigen/src/Geometry/Homogeneous.h
./Eigen/src/Geometry/Translation.h
./Eigen/src/Geometry/Scaling.h
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./Eigen/src/Geometry/Transform.h
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./Eigen/src/plugins/CommonCwiseUnaryOps.h

```

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./Eigen/src/Householder/HouseholderSequence.h
./Eigen/src/Householder/BlockHouseholder.h
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./Eigen/src/Core/Matrix.h
./Eigen/src/Core/Ref.h
./Eigen/src/Core/SelfAdjointView.h
./Eigen/src/Core/MathFunctions.h
./Eigen/src/Core/GlobalFunctions.h
./Eigen/src/Core/MapBase.h
./Eigen/src/Core/EigenBase.h
./Eigen/src/Core/GenericPacketMath.h
./Eigen/src/Core/NestByValue.h
./Eigen/src/Core/CwiseUnaryOp.h
./Eigen/src/Core/SolveTriangular.h ./Eigen/src/Core/Fuzzy.h
./Eigen/src/Core/Visitor.h
./Eigen/src/Core/Map.h
./Eigen/src/Core/NoAlias.h
./Eigen/src/Core/Diagonal.h
./Eigen/src/Core/StableNorm.h
./Eigen/src/Core/CoreIterators.h
./Eigen/src/Core/products/Parallelizer.h
./Eigen/src/Core/products/SelfadjointMatrixVector.h
./Eigen/src/Core/products/GeneralMatrixMatrixTriangular.h
./Eigen/src/Core/products/TriangularSolverMatrix.h
./Eigen/src/Core/products/GeneralMatrixMatrix.h
./Eigen/src/Core/products/SelfadjointProduct.h
./Eigen/src/Core/products/CoeffBasedProduct.h
./Eigen/src/Core/products/TriangularMatrixVector.h
./Eigen/src/Core/products/SelfadjointMatrixMatrix.h
./Eigen/src/Core/products/TriangularSolverVector.h
./Eigen/src/Core/products/SelfadjointRank2Update.h
./Eigen/src/Core/products/GeneralBlockPanelKernel.h
./Eigen/src/Core/products/GeneralMatrixVector.h
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./Eigen/src/Core/arch/Altivec/PacketMath.h
./Eigen/src/Core/arch/Altivec/Complex.h
./Eigen/src/Core/arch/SSE/PacketMath.h
./Eigen/src/Core/arch/SSE/Complex.h
./Eigen/src/Core/arch/SSE/MathFunctions.h
./Eigen/src/Core/arch/NEON/PacketMath.h
./Eigen/src/Core/arch/NEON/Complex.h
./Eigen/src/Core/arch/Default/Settings.h
./Eigen/src/Core/CwiseUnaryView.h

```

```

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./Eigen/src/Core/ArrayWrapper.h
./Eigen/src/Core/Swap.h
./Eigen/src/Core/Transpositions.h
./Eigen/src/Core/Random.h
./Eigen/src/Core/IO.h
./Eigen/src/Core/SelfCwiseBinaryOp.h
./Eigen/src/Core/VectorwiseOp.h
./Eigen/src/Core/Select.h
./Eigen/src/Core/ArrayBase.h
./Eigen/src/Core/DenseCoeffsBase.h
./Eigen/src/Core/DiagonalProduct.h
./Eigen/src/Core/Assign.h
./Eigen/src/Core/Redux.h
./Eigen/src/Core/ForceAlignedAccess.h
./Eigen/src/Core/BandMatrix.h
./Eigen/src/Core/PlainObjectBase.h
./Eigen/src/Core/DenseBase.h
./Eigen/src/Core/Flagged.h
./Eigen/src/Core/CwiseBinaryOp.h
./Eigen/src/Core/ProductBase.h
./Eigen/src/Core/TriangularMatrix.h
./Eigen/src/Core/Transpose.h
./Eigen/src/Core/DiagonalMatrix.h
./Eigen/src/Core/Dot.h
./Eigen/src/Core/Functors.h
./Eigen/src/Core/PermutationMatrix.h
./Eigen/src/Core/NumTraits.h
./Eigen/src/Core/MatrixBase.h
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./Eigen/src/SparseLU/SparseLU_panel_dfs.h
./Eigen/src/SparseLU/SparseLU_relax_snode.h
./Eigen/src/SparseLU/SparseLU_panel_bmod.h

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./blas/PackedSelfadjointProduct.h
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```
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Following applies to:

```
./test/metis_support.cpp
./test/sparselu.cpp
./unsupported/test/mpreal/mpreal.h
./unsupported/Eigen/src/IterativeSolvers/IterationController.h
./unsupported/Eigen/src/IterativeSolvers/ConstrainedConjGrad.h
./unsupported/Eigen/src/Eigenvalues/ArpackSelfAdjointEigenSolver.h
./Eigen/src/OrderingMethods/Amd.h
./Eigen/src/SparseCholesky/SimplicialCholesky_impl.h
```

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Version 3, 29 June 2007

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 ./unsupported/Eigen/src/LevenbergMarquardt/LMcovar.h  
 ./unsupported/Eigen/src/LevenbergMarquardt/LMonestep.h  
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2006-Jan-27

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Mesa Component Licenses

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	include/ GL/ glxext.h include/ GL/ glxext.h	SGI	SGI Free B
GLUT	src/ glut/	Mark Kilgard	Mark's copyright
GLEW	src/ glew-1.13.0	Nigel Stewart	Modified BSD
Mesa GLU library	src/ glu/ mesa/	Brian Paul	GNU-LGPL
SGI GLU library	src/ glu/ sgi/	SGI	SGI Free B
demo programs	progs/ demos/	various	see source files
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java/android\_libs/protobuf\_nano

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javascript/jquery\_ui

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javascript/jquery/v2\_0\_1

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javascript/tracing\_framework

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java\_src/android\_libs/exoplayer

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java\_src/android\_libs/protobuf\_nano/v2

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jpeg

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libunwind

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zlib

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(extracted from match.S, for match.S only)

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mongoose

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objective\_c/gtm\_session\_fetcher

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opentm

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jsoncpp

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icu

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libavif - Library for encoding and decoding .avif files

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linux-syscall-support

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Lottie Web

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PFFFT: a pretty fast FFT.

Project Homepage: <https://bitbucket.org/jpommier/pffft/>

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PLY (Py thon Lex-Y acc)

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PLY (Python Lex-Yacc) Version 3.4

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pyjson5

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

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pywebsocket et3

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re2 - an efficient, principled regular expression library

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

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Simple Homomorphic Encryption Library with Lattices

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Snappy: A fast compressor/decompressor

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tcmalloc

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v4l-utils

Project Homepage: <http://git.linuxtv.org/v4l-utils.git>

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Version 2.1, February 1999

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V8 JavaScript Engine

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Vulkan API headers

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WDS

Project Homepage: <https://github.com/01org/wds>

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Version 2.1, February 1999

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Web Animations JS

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woff2

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Wuufs (Wrangling Untrusted File Formats Safely)

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xdg-user -dirs

Project Homepage: <http://www.freedesktop.org/wiki/Software/xdg-user-dirs>

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xdg-utils
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## D Intel(R) Math Kernel Library - 2019 Update 5 for Windows\* Target

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