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LuaJIT -- a Just-In-Time Compiler for Lua. http://luajit.org/

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./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
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- ./test/sparseLM.cpp
- ./test/upperbidiagonalization.cpp
- ./test/nomalloc.cpp
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- ./test/jacobisvd.cpp
- ./test/geo\_transformations.cpp
- ./test/swap.cpp
- ./test/eigensolver\_selfadjoint.cpp
- ./test/inverse.cpp
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- ./test/product\_trsolve.cpp
- ./test/product\_extra.cpp
- ./test/sparse\_solver.h
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- ./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
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- ./test/simplicial\_cholesky.cpp
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- ./test/lu.cpp
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- ./test/eigensolver\_generalized\_real.cpp
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- ./test/array\_replicate.cpp
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- ./test/eigen2/eigen2\_meta.cpp
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- ./test/eigen2/eigen2\_visitor.cpp
- $./test/eigen2/eigen2\_packet math.cpp$
- ./test/eigen2/eigen2\_svd.cpp
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- ./test/eigen2/eigen2\_qr.cpp

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./test/eigen2/eigen2_cwiseop.cpp
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./test/eigen2/eigen2_inverse.cpp
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./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
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./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
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./unsupported/Eigen/src/IterativeSolvers/GMRES.h
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./unsupported/Eigen/src/MatrixFunctions/MatrixPower.h
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./unsupported/Eigen/src/Polynomials/PolynomialSolver.h
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./Eigen/src/Eigen2Support/Geometry/Hyperplane.h
./Eigen/src/Eigen2Support/Geometry/Quaternion.h
./Eigen/src/Eigen2Support/Geometry/Rotation2D.h
```

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- ./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
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- ./Eigen/src/Eigen2Support/Block.h
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- ./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
- ./Eigen/src/misc/Image.h
- ./Eigen/src/SparseCore/SparseColEtree.h
- ./Eigen/src/SparseCore/SparseTranspose.h
- ./Eigen/src/SparseCore/SparseUtil.h
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- ./Eigen/src/SparseCore/SparseMatrixBase.h
- ./Eigen/src/SparseCore/MappedSparseMatrix.h
- ./Eigen/src/SparseCore/SparseTriangularView.h
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- ./Eigen/src/SparseCore/TriangularSolver.h
- ./Eigen/src/SparseCore/SparseSelfAdjointView.h
- ./Eigen/src/SparseCore/SparseMatrix.h
- ./Eigen/src/SparseCore/SparseVector.h
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- ./Eigen/src/SparseCore/ConservativeSparseSparseProduct.h
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- ./Eigen/src/Eigenvalues/ComplexEigenSolver.h
- ./ Eigen/src/Eigenvalues/Generalized Eigen Solver.h
- ./Eigen/src/Eigenvalues/ComplexSchur.h
- ./Eigen/src/Eigenvalues/RealQZ.h
- ./Eigen/src/Eigenvalues/EigenSolver.h
- ./Eigen/src/Eigenvalues/HessenbergDecomposition.h

- ./Eigen/src/Eigenvalues/GeneralizedSelfAdjointEigenSolver.h
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- ./Eigen/src/Eigenvalues/MatrixBaseEigenvalues.h
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- ./Eigen/src/StlSupport/StdList.h
- ./Eigen/src/StlSupport/details.h
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- ./Eigen/src/LU/arch/Inverse\_SSE.h
- ./Eigen/src/LU/Determinant.h
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- ./Eigen/src/LU/FullPivLU.h
- ./Eigen/src/UmfPackSupport/UmfPackSupport.h
- ./Eigen/src/OrderingMethods/Ordering.h
- ./Eigen/src/OrderingMethods/Eigen\_Colamd.h
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- ./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/AlignedBox.h
- ./Eigen/src/Geometry/Hyperplane.h
- ./Eigen/src/Geometry/Quaternion.h
- ./Eigen/src/Geometry/EulerAngles.h
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- ./Eigen/src/Geometry/RotationBase.h
- ./Eigen/src/Geometry/arch/Geometry\_SSE.h
- ./Eigen/src/Geometry/Umeyama.h
- ./Eigen/src/Geometry/Homogeneous.h
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- ./Eigen/src/Geometry/Scaling.h
- ./Eigen/src/Geometry/AngleAxis.h
- ./Eigen/src/Geometry/Transform.h
- ./Eigen/src/plugins/BlockMethods.h
- ./Eigen/src/plugins/CommonCwiseUnaryOps.h
- ./Eigen/src/plugins/CommonCwiseBinaryOps.h
- ./Eigen/src/plugins/MatrixCwiseUnaryOps.h
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- ./Eigen/src/Householder/HouseholderSequence.h
- ./Eigen/src/Householder/BlockHouseholder.h
- ./Eigen/src/Core/VectorBlock.h
- ./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
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- ./Eigen/src/Core/products/SelfadjointMatrixVector.h
- ./ Eigen/src/Core/products/General Matrix Triangular.h
- ./Eigen/src/Core/products/TriangularSolverMatrix.h
- ./ Eigen/src/Core/products/General Matrix Matrix.h
- ./Eigen/src/Core/products/SelfadjointProduct.h
- ./Eigen/src/Core/products/CoeffBasedProduct.h
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- ./Eigen/src/Core/products/TriangularSolverVector.h
- ./ Eigen/src/Core/products/SelfadjointRank2Update.h
- ./Eigen/src/Core/products/GeneralBlockPanelKernel.h
- ./Eigen/src/Core/products/GeneralMatrixVector.h
- ./Eigen/src/Core/products/TriangularMatrixMatrix.h
- ./Eigen/src/Core/Reverse.h
- ./Eigen/src/Core/BooleanRedux.h
- ./Eigen/src/Core/Replicate.h
- ./Eigen/src/Core/arch/AltiVec/PacketMath.h
- ./ Eigen/src/Core/arch/AltiVec/Complex.h
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- ./Eigen/src/Core/arch/NEON/Complex.h
- ./Eigen/src/Core/arch/Default/Settings.h
- ./Eigen/src/Core/CwiseUnaryView.h
- ./Eigen/src/Core/Array.h
- ./Eigen/src/Core/ArrayWrapper.h
- ./Eigen/src/Core/Swap.h
- ./Eigen/src/Core/Transpositions.h
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- ./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
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- ./Eigen/src/Core/DiagonalMatrix.h
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- ./Eigen/src/Core/Functors.h
- ./Eigen/src/Core/PermutationMatrix.h
- ./Eigen/src/Core/NumTraits.h
- ./Eigen/src/Core/MatrixBase.h
- ./Eigen/src/Core/DenseStorage.h
- ./Eigen/src/Core/util/Memory.h
- ./Eigen/src/Core/util/StaticAssert.h
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- ./Eigen/src/Core/util/MatrixMapper.h
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- ./Eigen/src/Core/util/Macros.h
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- ./Eigen/src/SPQRSupport/SuiteSparseQRSupport.h
- $./Eigen/src/SparseLU/SparseLU\_column\_dfs.h$
- $./Eigen/src/SparseLU/SparseLU\_panel\_dfs.h$
- $./Eigen/src/SparseLU/SparseLU\_relax\_snode.h$
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- ./Eigen/src/Cholesky/LDLT.h
- ./Eigen/src/Cholesky/LLT.h
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- ./scripts/relicense.py
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- ./blas/BandTriangularSolver.h
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- ./blas/level2\_impl.h
- ./blas/GeneralRank1Update.h

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#### Following

applies to:

./doc/UsingIntelMKL.dox

./doc/UsingIntelMKL.dox

./Eigen/src/Eigenvalues/ComplexSchur MKL.h

./Eigen/src/Eigenvalues/ComplexSchur\_MKL.h

./Eigen/src/Eigenvalues/SelfAdjointEigenSolver\_MKL.h

./Eigen/src/Eigenvalues/SelfAdjointEigenSolver\_MKL.h

./Eigen/src/Eigenvalues/RealSchur\_MKL.h

./Eigen/src/Eigenvalues/RealSchur\_MKL.h

./Eigen/src/LU/arch/Inverse\_SSE.h

./Eigen/src/LU/arch/Inverse\_SSE.h

./Eigen/src/LU/PartialPivLU MKL.h

./Eigen/src/LU/PartialPivLU\_MKL.h

./Eigen/src/QR/HouseholderQR\_MKL.h

./Eigen/src/QR/HouseholderQR MKL.h

./Eigen/src/QR/ColPivHouseholderQR\_MKL.h

./Eigen/src/QR/ColPivHouseholderQR MKL.h

./Eigen/src/SVD/JacobiSVD MKL.h

./Eigen/src/SVD/JacobiSVD\_MKL.h

./Eigen/src/PardisoSupport/PardisoSupport.h

./Eigen/src/PardisoSupport/PardisoSupport.h

./Eigen/src/Core/Assign\_MKL.h

./Eigen/src/Core/Assign\_MKL.h

 $./ Eigen/src/Core/products/SelfadjointMatrixVector\_MKL.h$ 

./Eigen/src/Core/products/SelfadjointMatrixVector\_MKL.h

 $./ Eigen/src/Core/products/General Matrix Vector\_MKL.h$ 

./Eigen/src/Core/products/GeneralMatrixVector\_MKL.h

 $./ Eigen/src/Core/products/SelfadjointMatrixMatrix\_MKL.h$ 

./Eigen/src/Core/products/SelfadjointMatrixMatrix\_MKL.h

 $./Eigen/src/Core/products/Triangular Matrix \underline{M} KL.h$ 

./Eigen/src/Core/products/TriangularMatrixMatrix\_MKL.h

./Eigen/src/Core/products/GeneralMatrixMatrix\_MKL.h

./Eigen/src/Core/products/GeneralMatrixMatrix\_MKL.h

./Eigen/src/Core/products/TriangularMatrixVector\_MKL.h

 $./Eigen/src/Core/products/TriangularMatrixVector\_MKL.h$ 

./Eigen/src/Core/products/GeneralMatrixMatrixTriangular\_MKL.h

./Eigen/src/Core/products/GeneralMatrixMatrixTriangular\_MKL.h

 $./Eigen/src/Core/products/TriangularSolverMatrix\_MKL.h$ 

./Eigen/src/Core/products/TriangularSolverMatrix\_MKL.h

```
./Eigen/src/Core/util/MKL_support.h
./Eigen/src/Core/util/MKL_support.h
./Eigen/src/Cholesky/LLT_MKL.h
./Eigen/src/Cholesky/LLT_MKL.h
```

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./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

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./unsupported/Eigen/src/LevenbergMarquardt/LMcovar.h

./unsupported/Eigen/src/LevenbergMarquardt/LMonestep.h

./unsupported/Eigen/src/LevenbergMarquardt/LMpar.h

./unsupported/Eigen/src/LevenbergMarquardt/LMqrsolv.h

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* This differs from Colin Plumb's older public domain implementation in that
* no exactly 32-bit integer data type is required (any 32-bit or wider
* unsigned integer data type will do), there's no compile-time endianness
* configuration, and the function prototypes match OpenSSL's. No code from
* Colin Plumb's implementation has been reused; this comment merely compares
* the properties of the two independent implementations.
* The primary goals of this implementation are portability and ease of use.
is meant to be fast, but not as fast as possible. Some known
* optimizations are not included to reduce source code size and avoid
* compile-time configuration.
*/
path: "tensorflow.errors.PermissionDeniedError"
tf_class {
```

```
is_instance: "<class \'tensorflow.python.framework.errors_impl.PermissionDeniedError\'>"
is_instance: "<class \'tensorflow.python.framework.errors_impl.OpError\'>"
is_instance: "<type \'exceptions.Exception\'>"
member {
 name: "args"
 mtype: "<type \'getset_descriptor\'>"
member {
 name: "error_code"
 mtype: "<type \'property\'>"
member {
 name: "message"
 mtype: "<type \'property\'>"
member {
 name: "node_def"
 mtype: "<type \'property\'>"
}
member {
 name: "op"
 mtype: "<type \'property\'>"
member_method {
 name: "__init__"
 argspec: "args=[\'self\', \'node_def\', \'op\', \'message\'], varargs=None, keywords=None, defaults=None"
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```

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