QUESO::Matrix # m_env # m_map # m_printHorizontally # m_inDebugMode + Matrix() (3) + ~Matrix() + operator=() + operator*=() + operator+=() + operator-=() + env() + map() + numOfProcsForStorage() + numRowsLocal() + numRowsGlobal() + numCols() + chol() + zeroLower() + zero Upper() + print() + setPrintHorizontally() + getPrintHorizontally() + setInDebugMode() + getInDebugMode() # copy()

QUESO::GslMatrix

- m_mat
- m_LU
- m_inverse
- m svdColMap
- m svdUmat
- m_svdSvec
- m_svdVmat
- m_svdVTmat
- m_determinant - m_InDeterminant
- m_permutation
- m_signum
- m_isSingular
- + GslMatrix() (6) + ~GslMatrix()
- + operator=()
- + operator*=()
- + operator/=()
- + operator+=() + operator-=()
- + operator()(v)
- + operator()()
- + numRowsLocal()
- + numRowsGlobal() + numCols()
- + max()
- + rank()
- + transpose()
- + determinant() + InDeterminant()
- + normFrob()
- + normMax()
- + chol()
- + svd() + svdMatU()
- + svdMatV()
- + svdSolve() (2)
- + multiply()
- + invertMultiply() (3)
- and 11 more... + cwSet() (2)
- + cwExtract()
- + zeroLower()
- + zero Upper()
- + filterSmallValues()
- + filterLargeValues()
- + fillWithTranspose()
- + fillWithBlocksDiagonally() + fillWithBlocksDiagonally()
- and 5 more...
- + mpiSum()
- + data()
- + print()
- + matlabLinearInterpExtrap()
- + subWriteContents()
- + subReadContents()
- copy() - resetLU()
- multiply()

internalSvd()

QUESO::TeuchosMatrix

- m_mat

Δ

- m_LU
- m_inverse - m svdColMap
- m_svdUmat
- m_svdSvec
- m_svdVmat
- m_svdVTmat
- m_determinant
- m_InDeterminant m_permutation
- v_pivoting
- m_signum
- m_isSingular
- + TeuchosMatrix() (6)
- + ~TeuchosMatrix()
- + operator=()
- + operator*=()
- + operator/=() + operator+=()
- + operator-=()
- + operator()()
- + operator()()
- + numRowsLocal()
- + numRowsGlobal() + numCols()
- + values()
- + stride()
- + rank()
- + transpose()
- + inverse()
- + determinant()
- + InDeterminant()
- + normFrob() + normMax()
- + chol()
- + svd()
- + svdMatU()
- + svdMatV()
- + svdSolve() (2)
- + multiply()
- + invertMultiply() (3)
- and 5 more...
- + cwSet() (2)
- + getColumn() (2)
- + setColumn()
- + getRow() (2)
- setRow()
- + zeroLower()
- + zero Upper()
- and 10 more...
- + mpiSum()
- + matlabLinearInterpExtrap() + print()
- + subReadContents()
- + subWriteContents()
- copy()
- resetLU()
- multiply()
- internalSvd()