```
LAPACKFullMatrix< Number >
                 Δ
  LAPACKFullMatrixExt
           < Number >
   state
   tau

    work

  - iwork
  + LAPACKFullMatrixExt()
  + LAPACKF
                 -ullMatrixE
                             xt()
                             xt()
  + LAPACKFullMatrixE
  + LAPACKFullMatrixExt()
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+ LAPACKFullMatrixExt()
  + LAPACKFullMatrixExt()
  + LAPACKFullMatrixExt()
  + LAPACKFullMatrixExt()
+ LAPACKFullMatrixExt()
  + operator=(
  + operator=()
  + reinit()
  + set_column_zeros()
+ set_row_zeros()
+ get_row()
  + get_column()
  + remove_row()
+ remove_rows()
  + keep_first_n_rows()
  + remove_column()
  + remove_columns()
  + keep_first_n_columns()
  + svd()
  + svd()
  + reduced_svd()
  + rank()
  + qr()
  + reduced qr()
  + scale_rows()
  + scale_rows()
+ scale_columns()
  + scale_columns()
  + scale_columns()
  + transpose()
+ transpose()
  + fill()
  + fill()
  + fill_rows()
+ fill_row()
+ fill_cols()
  + fill_col()
  + hstack()
  + vstack()
  + rank_k_decompose()
  + rank_k_decompose()
  + rank_k_decompose()
  + add()
  + add()
  + add()
  + add()
  + mmult()
  + invert_by_gauss_elim()
+ print_formatted_to_mat()
  + print_
  + ZeroMatrix()
  + ConstantMatrix()
  + DiagMatrix()
  + IdentityMatrix()
   Reshape()
```

+ reduced_svd_on_AxBT() + reduced_svd_on_AxBT()