```
mtk::Matrix

    storage

    - ordering
   - num_rows_
    - num cols
   - num_values
   - ld
   num_zero_
   - num_non zero
    - num null
    - num non null
    and 7 more...
    + Matrix()
    + Matrix()
    + ~Matrix()
    + storage()
    + ordering()
    + num rows()
    + num_cols()
+ num_values()
    + Id()
    + num zero()
    and 18 more...
             -matrix properties
   mtk::DenseMatrix
 - data
 + operator=()
 + DenseMatrix()
  + DenseMatrix()
 + DenseMatrix()
  + DenseMatrix()
  + DenseMatrix()
 + ~DenseMatrix()
 + matrix_properties()
 + num rows()
  + num cols()
 and 7 more...
 + Kron()
             -gradient
      mtk::Grad2D
- order_accuracy
- mimetic_threshold
+ Grad2D()
+ Grad2D()
+ ~Grad2D()
```

+ ConstructGrad2D() + ReturnAsDenseMatrix()