```
mtk::Matrix

    storage

    - ordering
    - num_rows_

    num_cols

    - num values
   - 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=()
 + operator==()
  + DenseMatrix()
  + DenseMatrix()
  + DenseMatrix()
  + DenseMatrix()
 + DenseMatrix()
 + ~DenseMatrix()
  + matrix properties()
  + num rows()
 and 9 more...
  + Kron()
             -curl
      mtk::Curl2D

    order_accuracy_

- mimetic threshold
+ operator*()
+ Curl2D()
+ Curl2D()
+ ~Curl2D()
```

+ ConstructCurl2D() + ReturnAsDenseMatrix()