```
mtk::Matrix

    storage

    ordering

    - num_rows_
    num_cols
    - num values
    - Id
    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
- encoded operator
- data
+ operator=()
+ operator==()
+ DenseMatrix()
+ DenseMatrix()
+ DenseMatrix()
+ DenseMatrix()
+ DenseMatrix()
+ ~DenseMatrix()
+ encoded operator()
+ set encoded operator()
and 11 more...
+ Kron()
             -gradient
      mtk::Grad2D
- order accuracy
- mimetic threshold
+ Grad2D()
+ Grad2D()
```

+ ~Grad2D()

+ ConstructGrad2D() + ReturnAsDenseMatrix()