

Matrix2D

```
-_rows: int  
-_cols: int  
-_value: int
```

```
+Matrix2D()  
+Matrix2D(intRows:int,intCols:int,intValue:int)  
+Matrix2D(objOriginal:const Matrix2D&)  
+~Matrix2D()  
+allocMem(intRows:int,intCols:int,intDef:int): void  
+deleteMem(): void  
+MutatorChange(intRow:int,intCol:int,intValue:int): void  
+enforceRange(intVal:int,intMin:int,intMax:int): void  
+clone(objOriginal:const Matrix2D): void  
+getRows(): const int  
+getCols(): const int  
+getValue(intRow:int,intCol:int): const int  
+operator=(objRHS:const Matrix2D&): Matrix2D&  
+operator()(intRow:int,intCol:int): int&  
+operator<<(LHS:ostream&,objRHS:const Matrix2D&): ostream&  
+operator++(): Matrix2D
```