IShape

+ color

+ ~IShape()
+ changeSize()
+ isContains()
+ changeColor()
+ setNewPos()
+ showSelected()
+ showUnSelected()
+ drawOnScene()
+ ismovable()
+ setMovable()
  and 10 more...

IShapeCreator

+ setType()
+ setInFile()
+ createShape()
+ ~IShapeCreator()

#shapeCreator

GroupComposite

+ scene
+ color
+ view
# size
# x
# y
# shapes

+ ~GroupComposite()
+ changeColor()
+ getShapesToUngroup()
+ setShapeCreator()
+ loadFromFile()
+ GroupComposite()
+ saveToFile()
+ removeFromScene()
+ changeSize()
+ isContains()
  and 13 more...