```
Color
            # color
    shape::Shape
+ ~Shape()
+ clone()
+ getColor()
+ getBottomLeft()
+ getTopRight()
  setColor()
+ operator std::string()
+ homothety()
+ translation()
+ rotation()
+ area()
+ draw()
+ saveFile()
+ operator==()
+ operator!=()
shape::SimpleShape
  _points
#
+ ~SimpleShape()
+ clone()
+ getPoints()
+ getBottomLeft()
+ getTopRight()
+ setPoints()
+ operator std::string()
+ homothety()
+ translation()
+ rotation()
+ area()
+ saveFile()
+ operator=
+ operator!=()
   shape::Segment
+ Segment()
+ Segment()
+ Segment()
+ clone()
 operator std::string()
+ homothety()
+ translation()
+ rotation()
+ area()
+ saveFile()
+ draw()
  operator==()
+ operator!=()
```