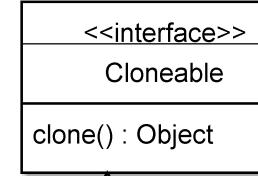
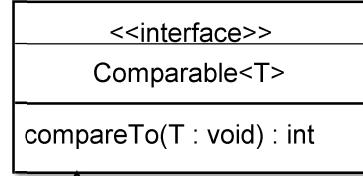
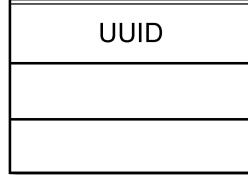
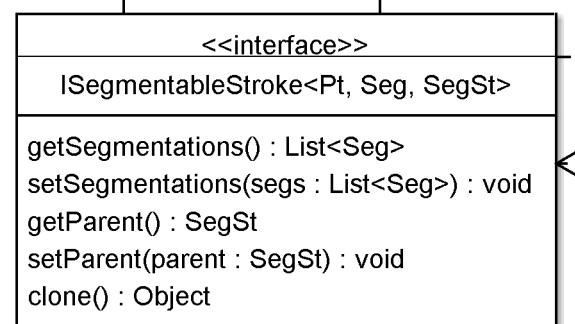
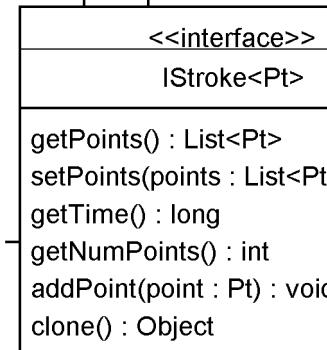
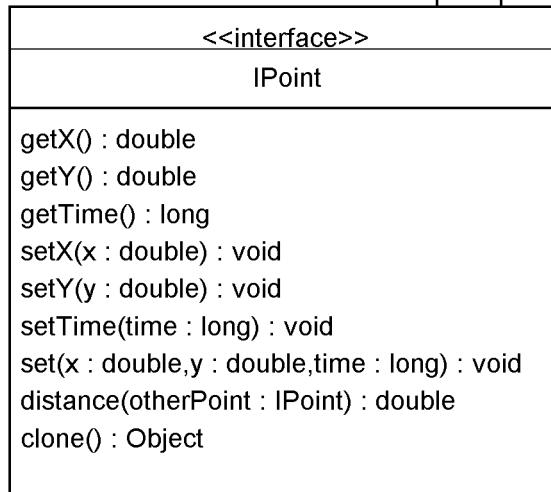
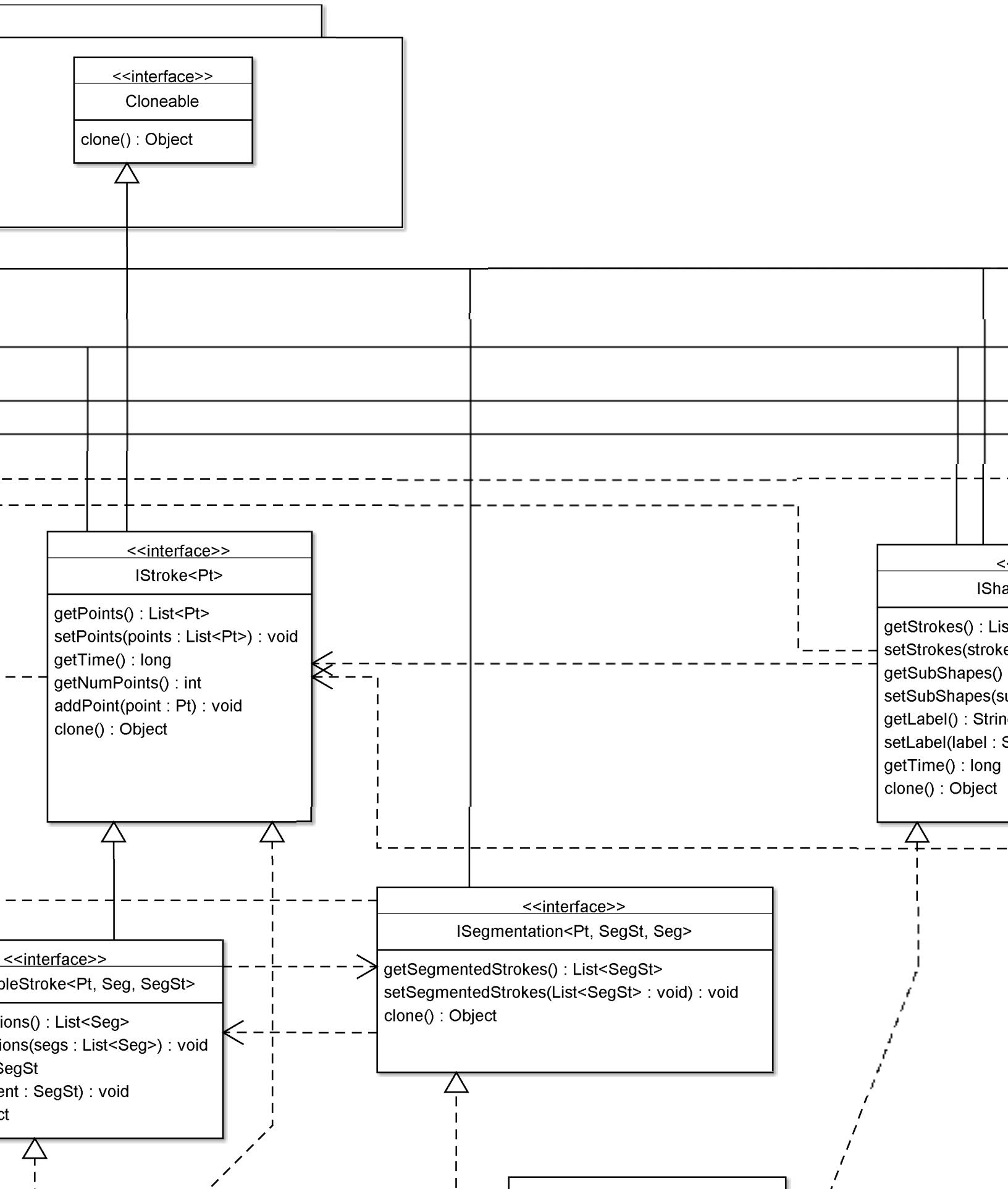


java.util



org.ladder.core.sketch





<<interface>>
IShape<Pt, St, Sh>

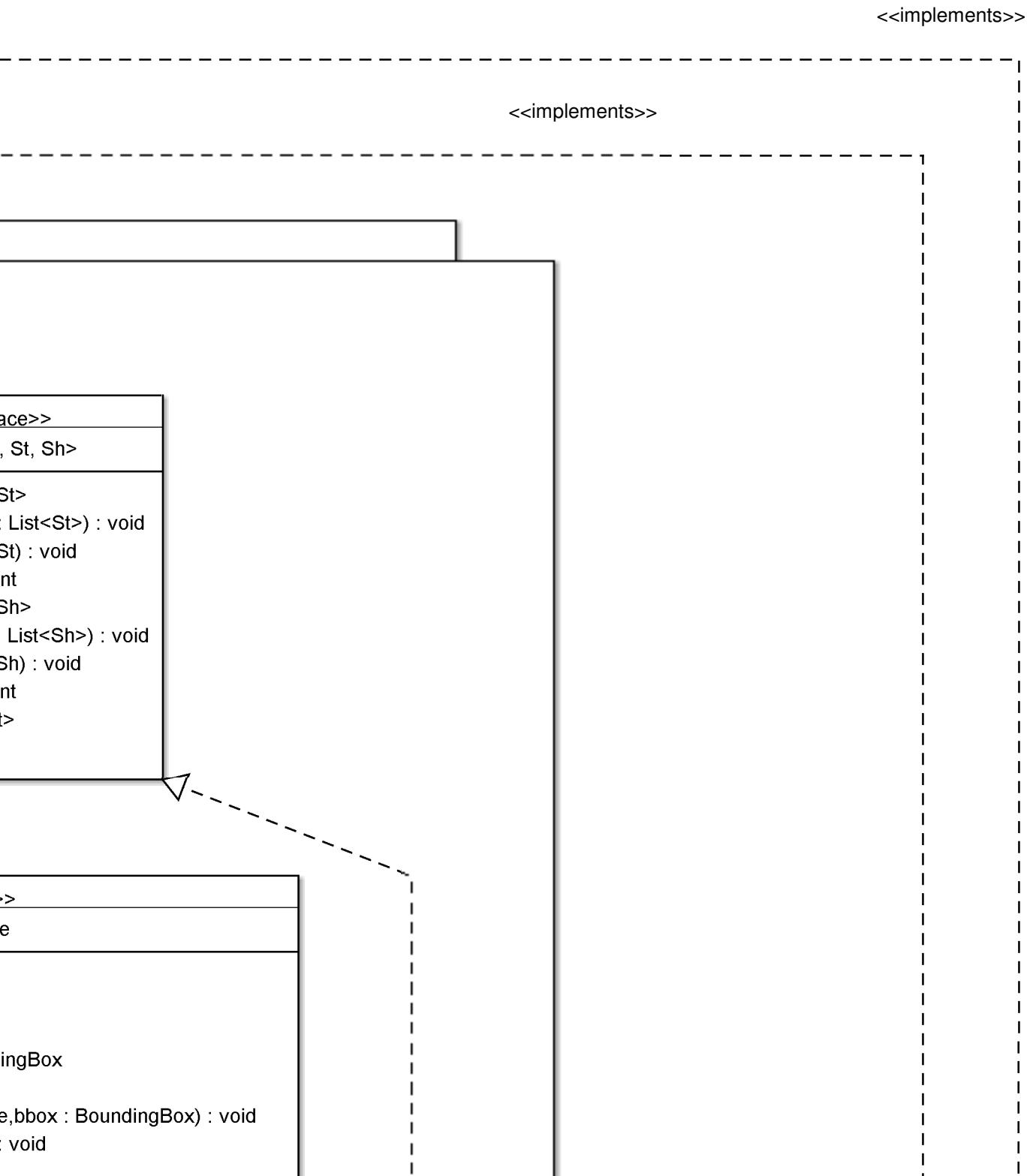
getStrokes() : List<St>
setStrokes(strokes : List<St>) : void
getSubShapes() : List<Sh>
setSubShapes(subshapes : List<Sh>) : void
getLabel() : String
setLabel(label : String) : void
getTime() : long
clone() : Object

<<interface>>
ISketch<Pt, St, Sh>

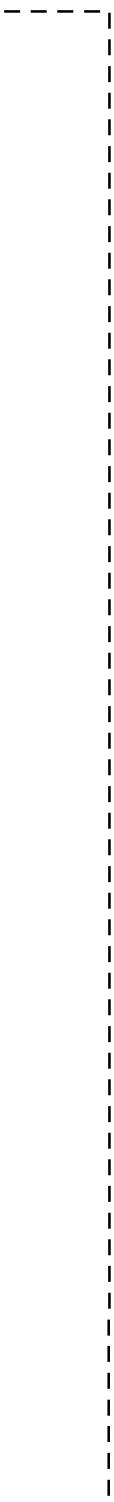
getStrokes() : List<St>
setStrokes(strokes : List<St>) : void
addStroke(stroke : St) : void
getNumStrokes() : int
getShapes() : List<Sh>
setShapes(shapes : List<Sh>) : void
addShape(shape : Sh) : void
getNumShapes() : int
getPoints() : List<Pt>
clear() : void

<<interface>>
IBeautifiable

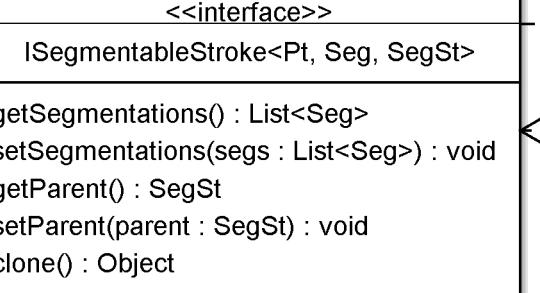
getBeautificationType() : Type
getBeautifiedShape() : java.awt.Shape
getBeautifiedImage() : java.awt.Image
getBeautifiedImageBoundingBox() : BoundingBox
setBeautificationType(type : Type) : void
setBeautifiedShape(shape : java.awt.Shape, bbox : BoundingBox) : void
setBeautifiedImage(img : java.awt.Image) : void



ements>>



org.ladder.core.logging



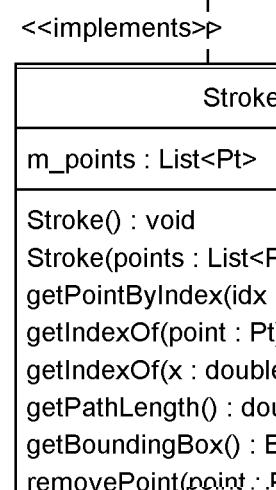
<<implements>>

org.ladder.core.sketch.lite

Point

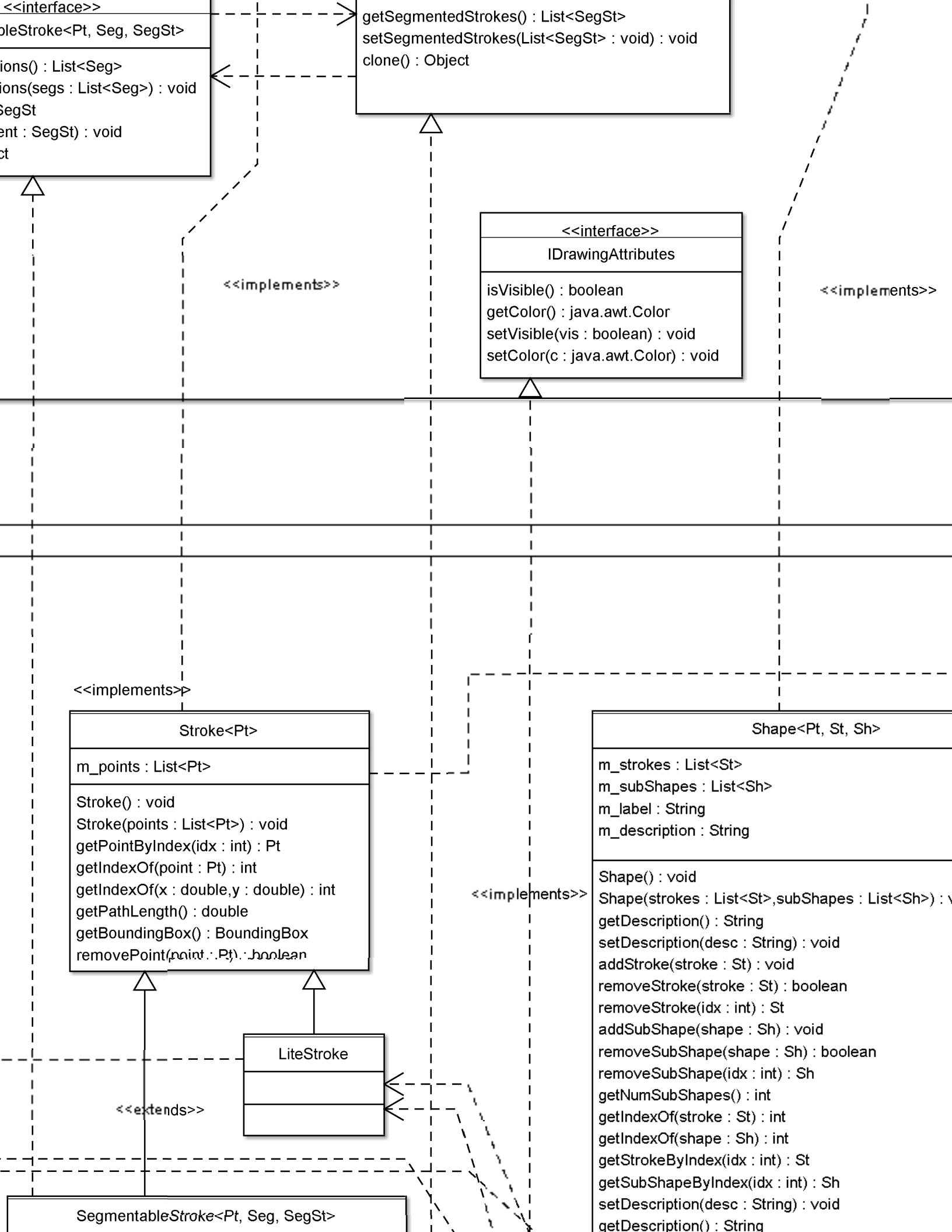
m_x : double
m_y : double
m_time : double

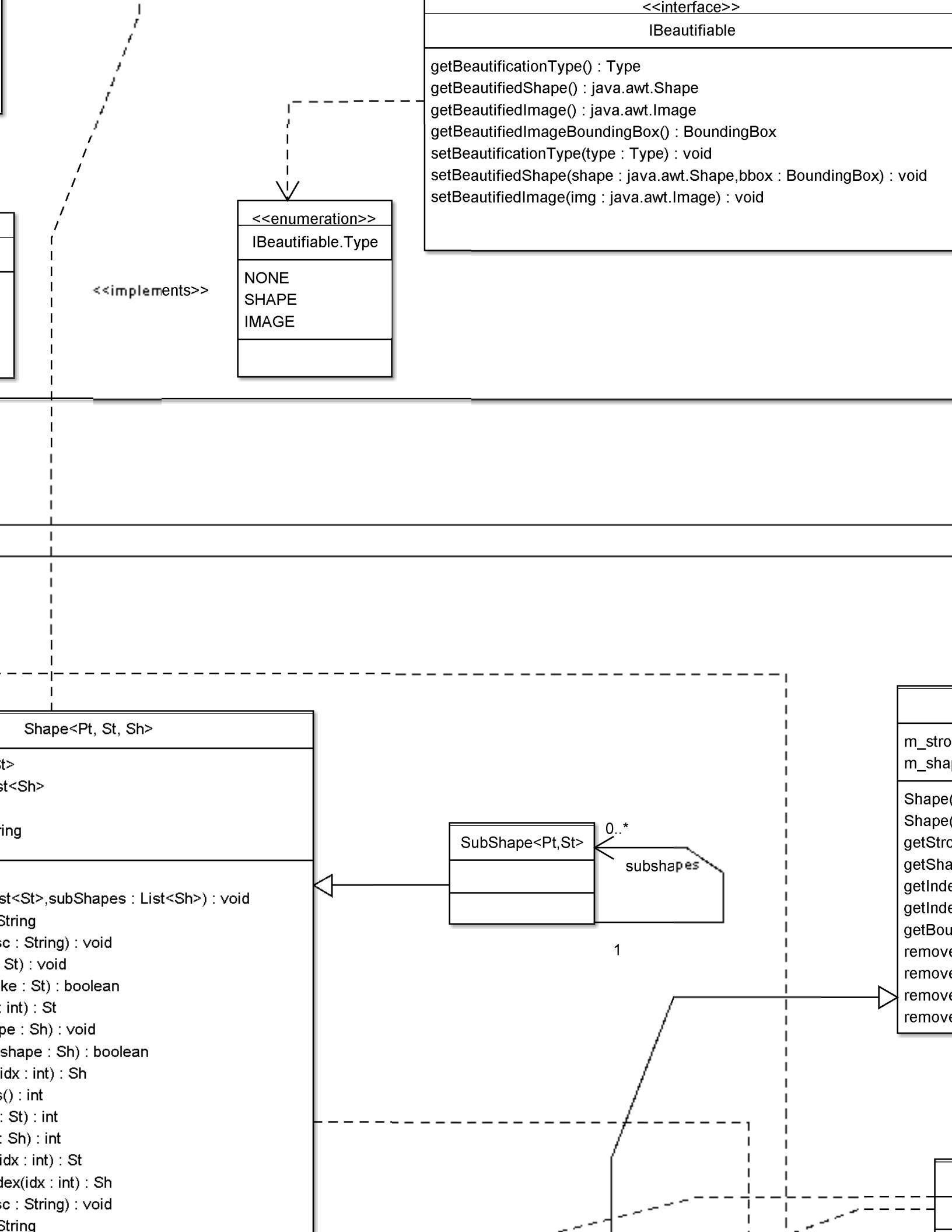
Point() : void
Point(x : double,y : double,time : long) : void
distance(x : double,y : double) : double
equalsXYTime() : void

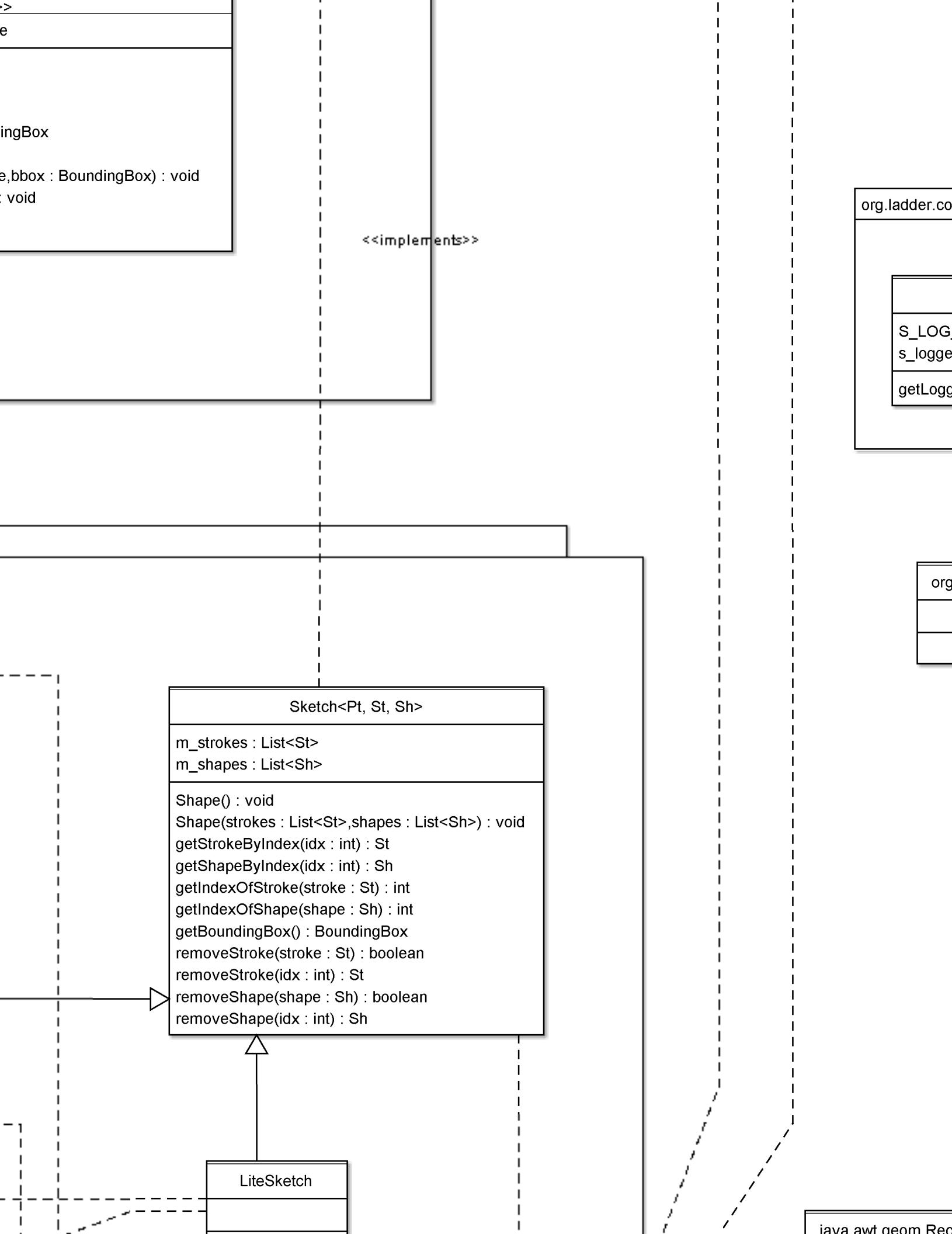


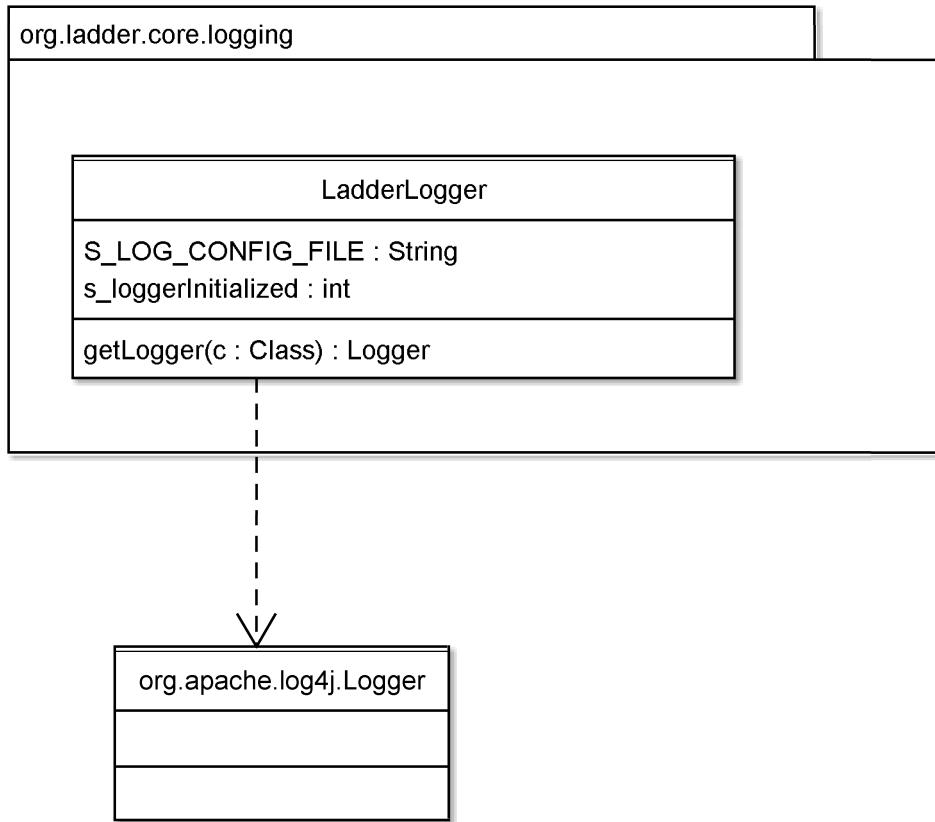
<<extends>>

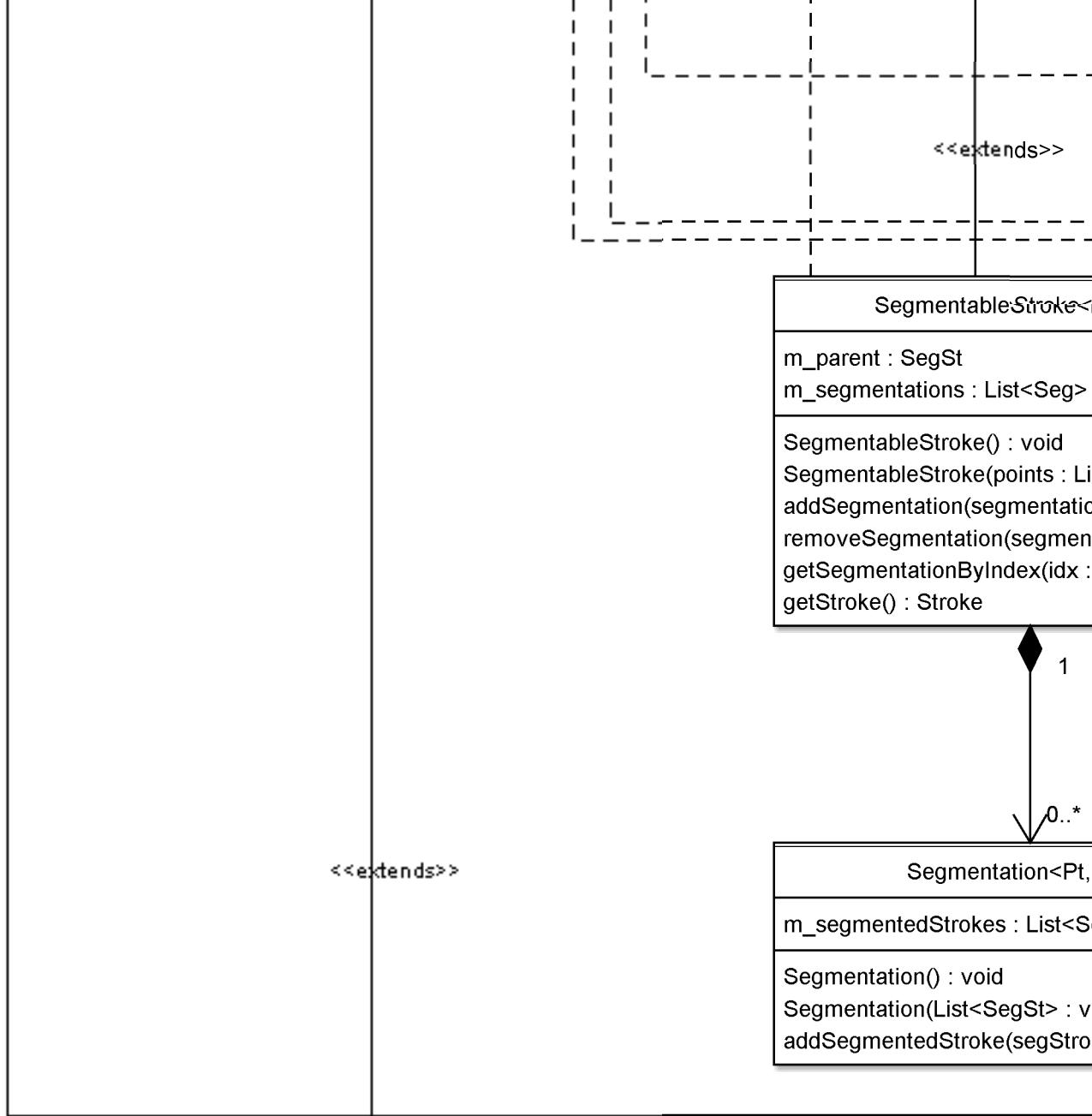
SegmentableStroke<Pt, Seg, SegSt>









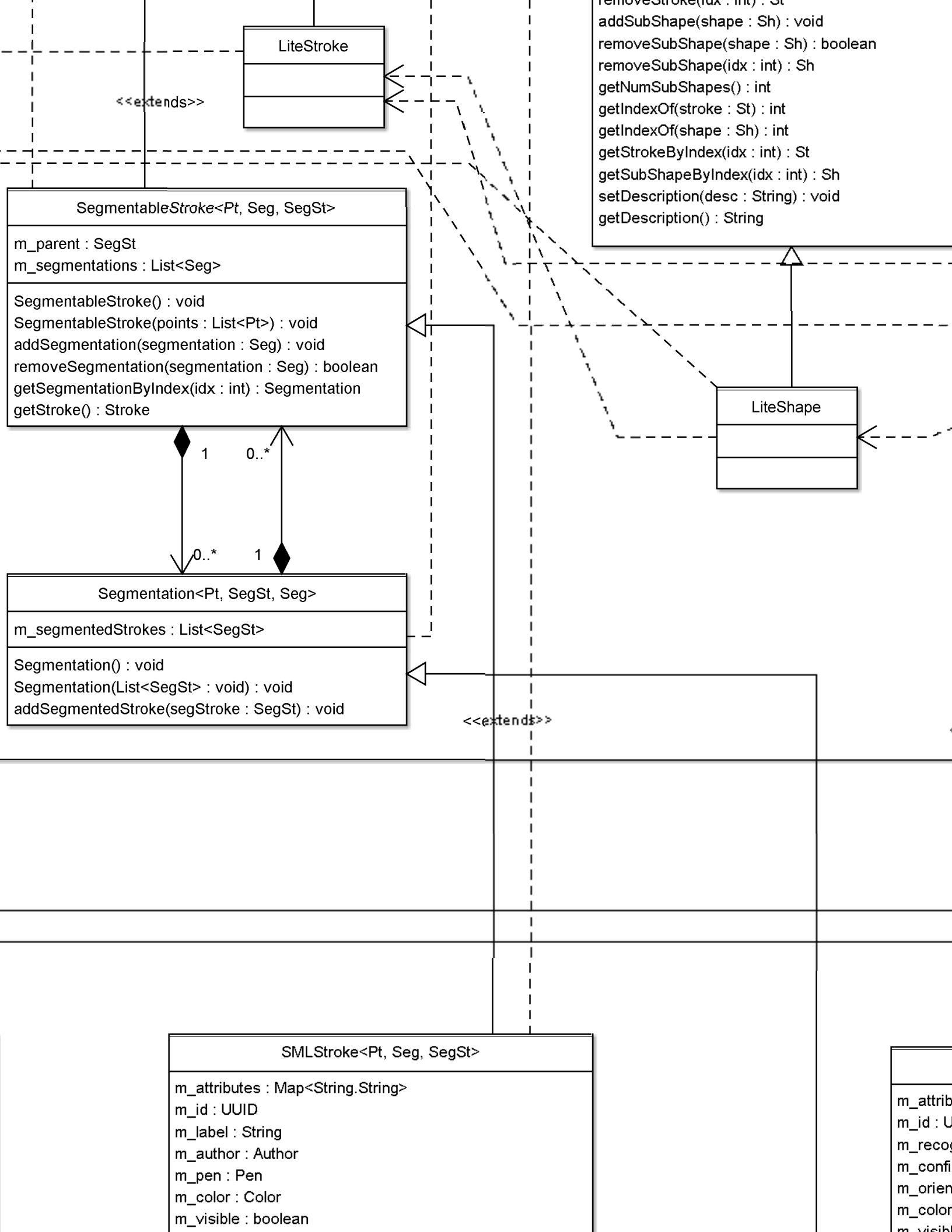


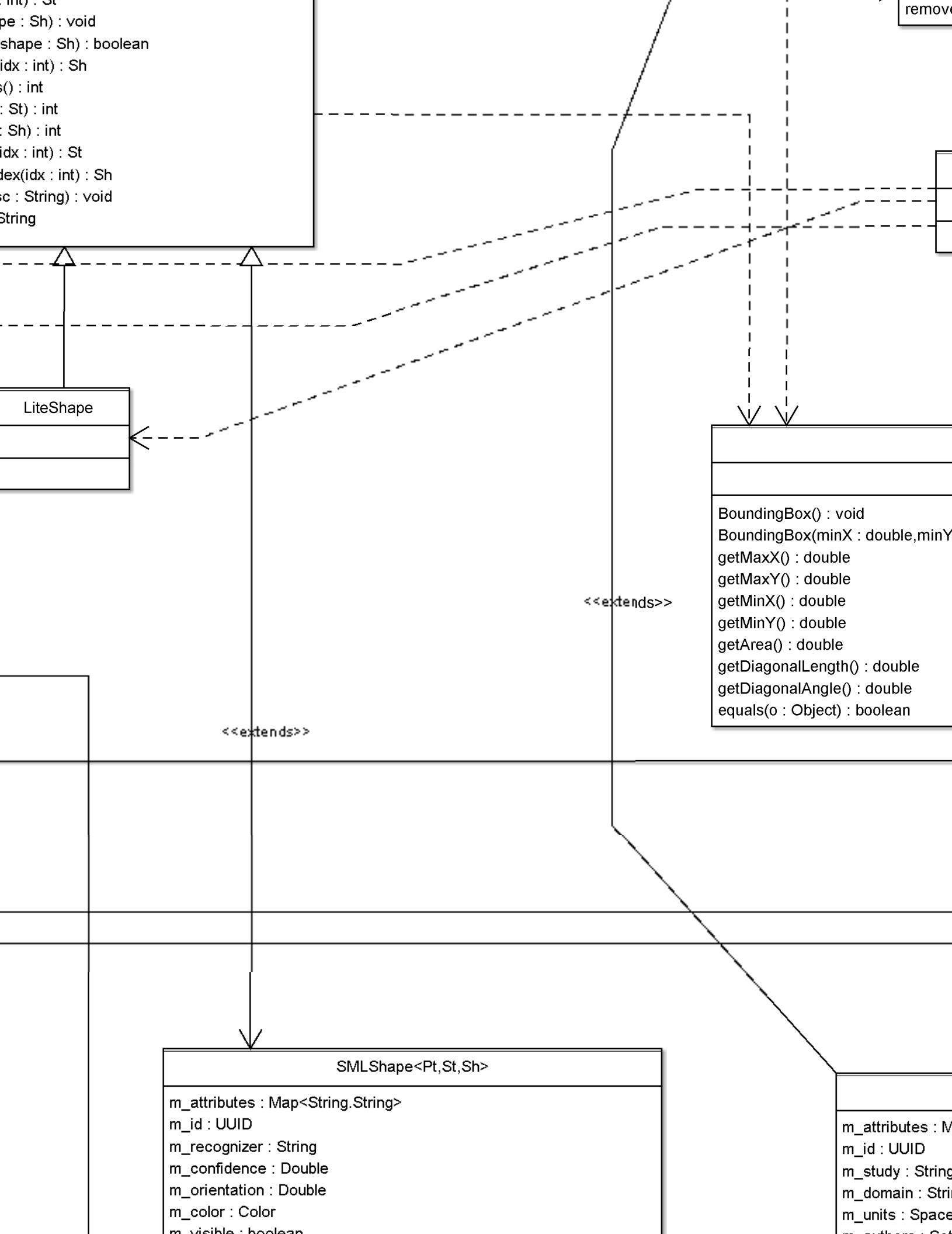
org.ladder.core.full

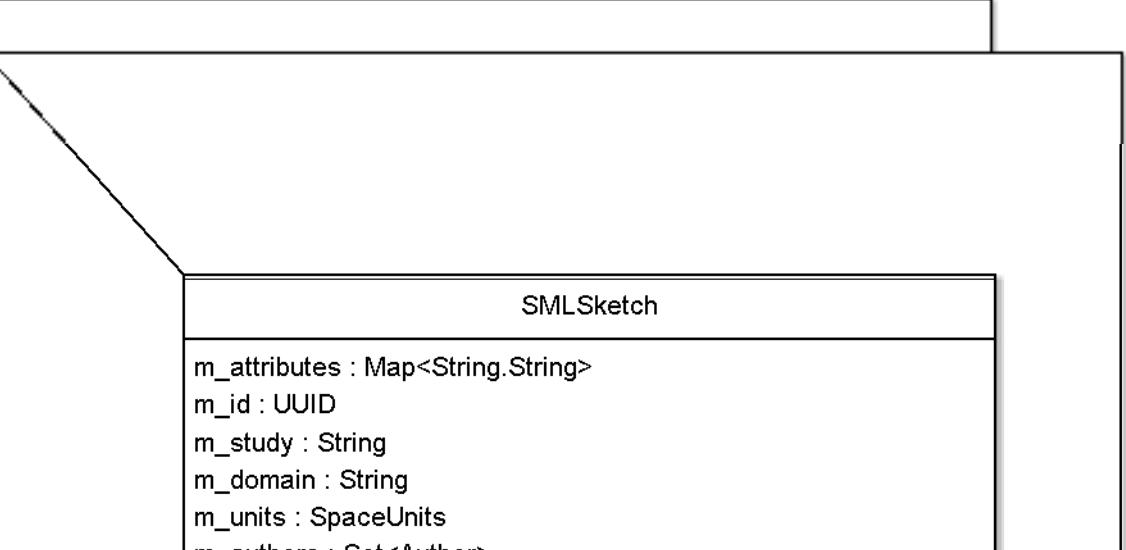
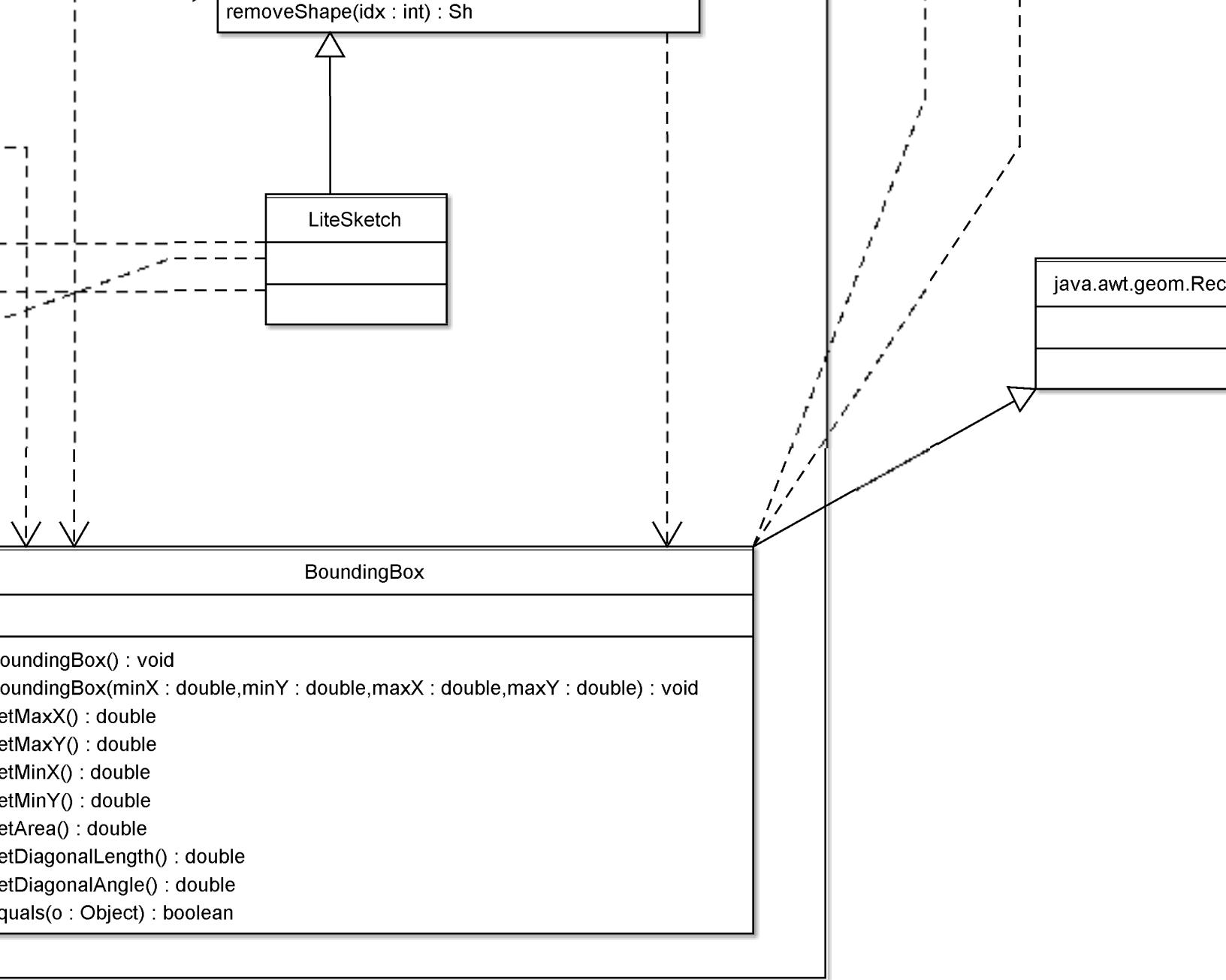
SMLPoint

m_attributes : Map<String.String>
 m_id : UUID
 m_pressure : Double
 m_tiltX : Double
 m_tiltY : Double
 m_name : Double

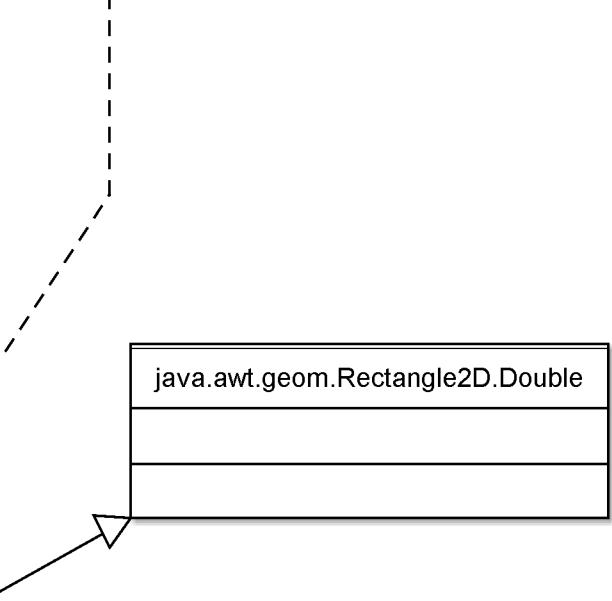
m_attributes : Map<String.String>
 m_id : UUID
 m_label : String
 m_auth : String
 m_pen : String
 m_color : String
 m_visitCount : Integer





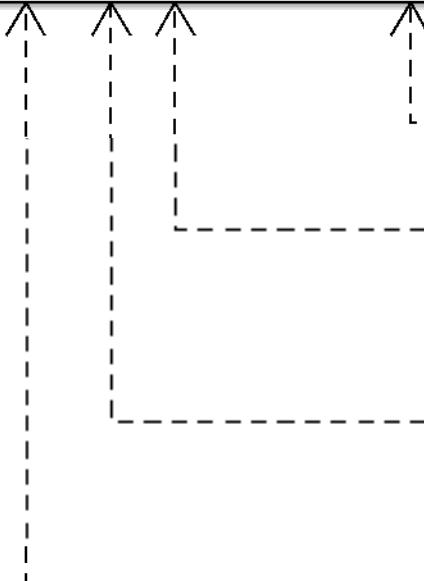
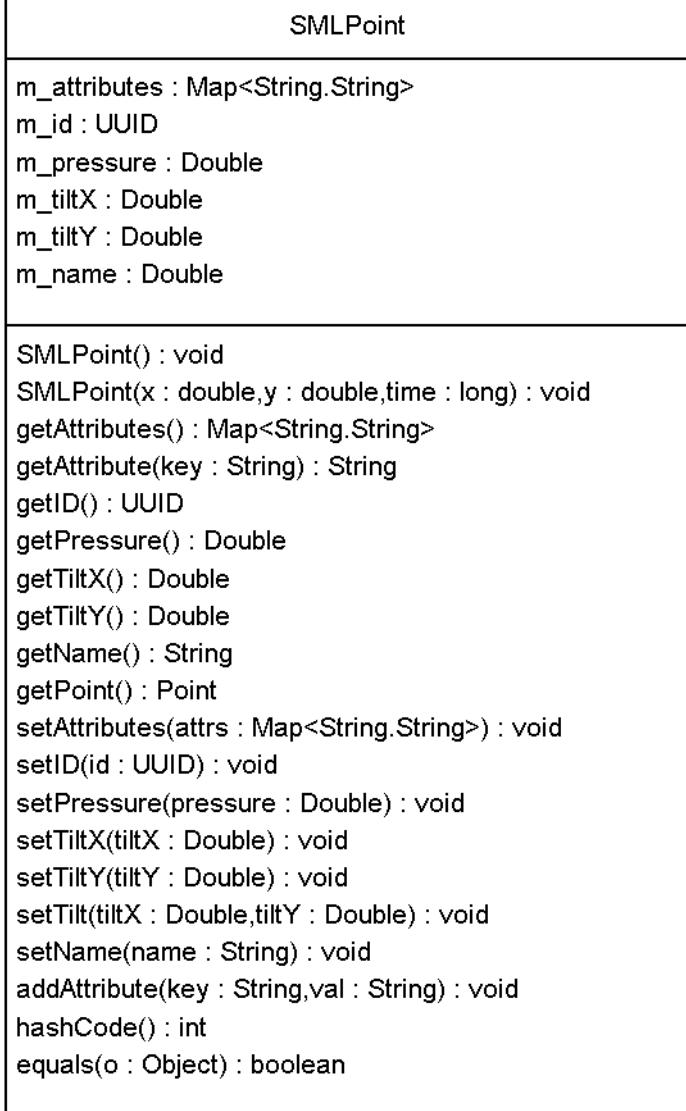


java.awt.geom.Rectangle2D.Double



m_attributes : Map<String.String>
m_id : UUID
m_label : String
m_auth : String
m_pen : String
m_color : String
m_visibility : Boolean

SMLString
SMLString
getAttributes()
getAttribute(key : String) : String
getID() : UUID
getLabel() : String
getAuth() : String
getPen() : String
getIndentity() : String
setAttributes(attrs : Map<String.String>) : void
setID(id : UUID) : void
setLabel(label : String) : void
setAuth(auth : String) : void
setPen(pen : String) : void
addAttribute(key : String, val : String) : void
hashCode() : int
equals(o : Object) : boolean

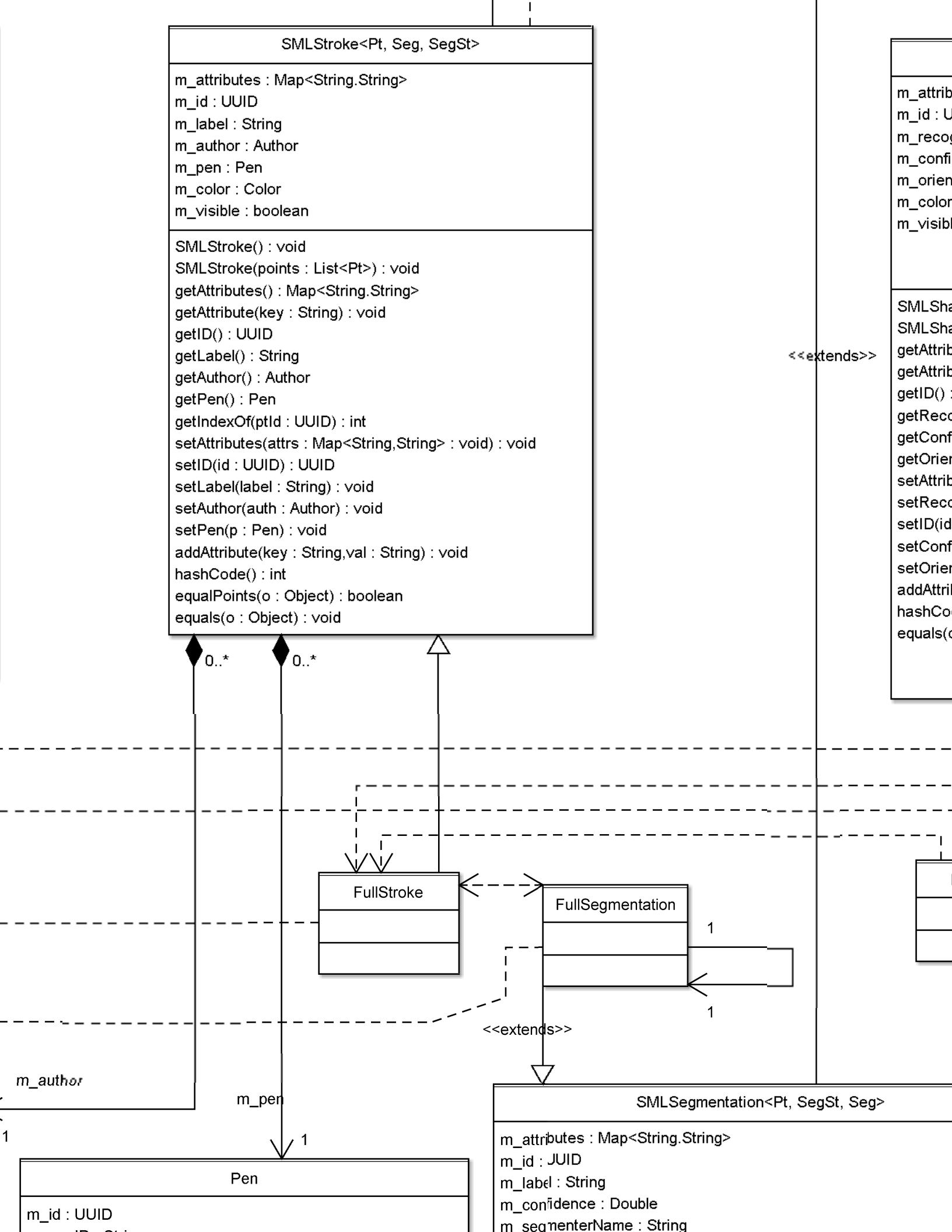


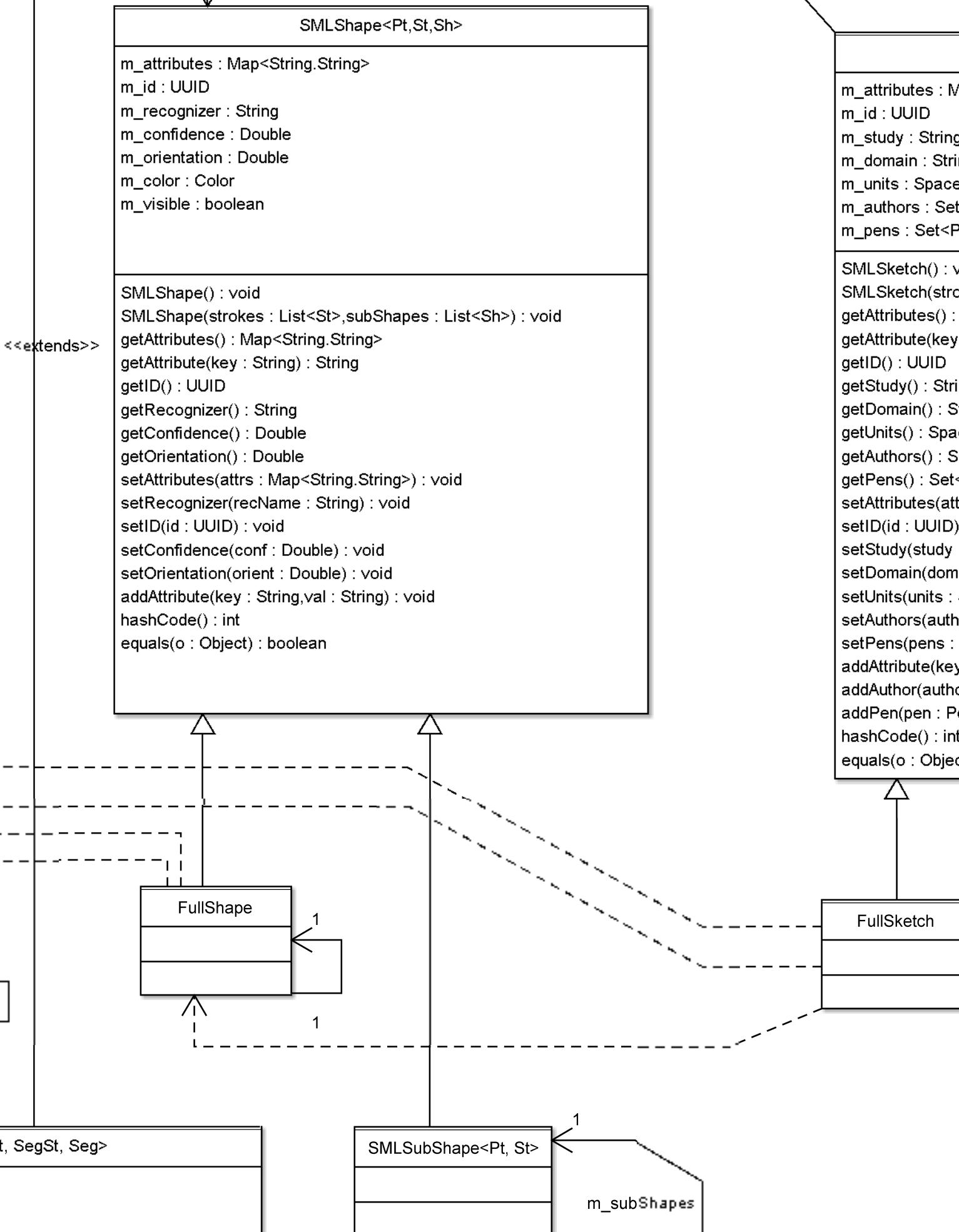
m_author

1

m_id : UUID

ID : Guid





```

SMLSketch

m_attributes : Map<String.String>
m_id : UUID
m_study : String
m_domain : String
m_units : SpaceUnits
m_authors : Set<Author>
m_pens : Set<Pen>

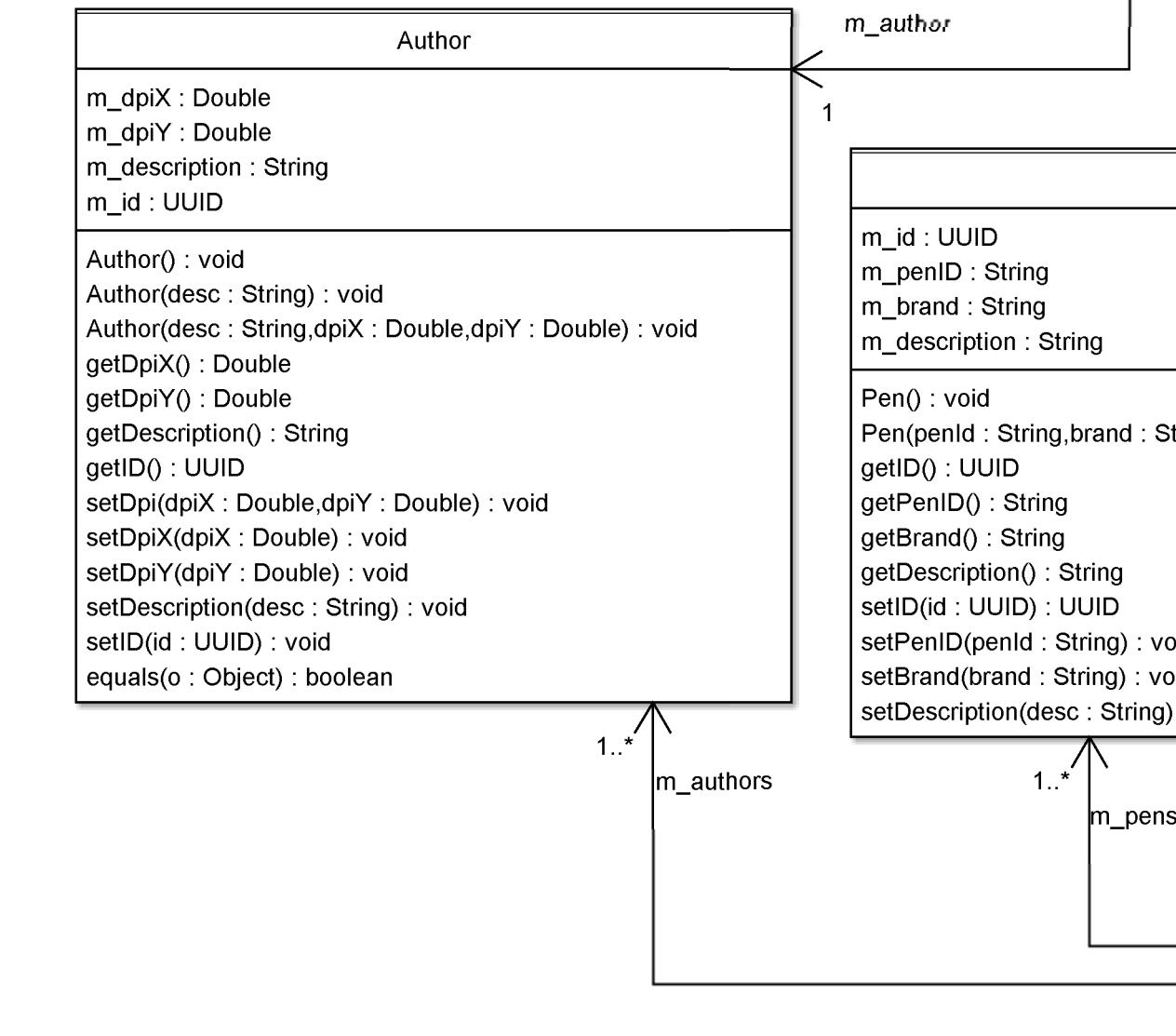
SMLSketch() : void
SMLSketch(strokes : List<St>,shapes : List<Sh>) : void
getAttributes() : Map<String.String>
getAttribute(key : String) : String
getID() : UUID
getStudy() : String
getDomain() : String
getUnits() : SpaceUnits
getAuthors() : Set<Author>
getPens() : Set<Pen>
setAttributes(attr : Map<String.String>) : void
setID(id : UUID) : void
setStudy(study : String) : void
setDomain(domain : String) : void
setUnits(units : SpaceUnits) : void
setAuthors(authors : Set<Author>) : void
setPens(pens : Set<Pen>) : void
addAttribute(key : String,val : String) : void
addAuthor(author : Author) : void
addPen(pen : Pen) : void
hashCode() : int
equals(o : Object) : boolean

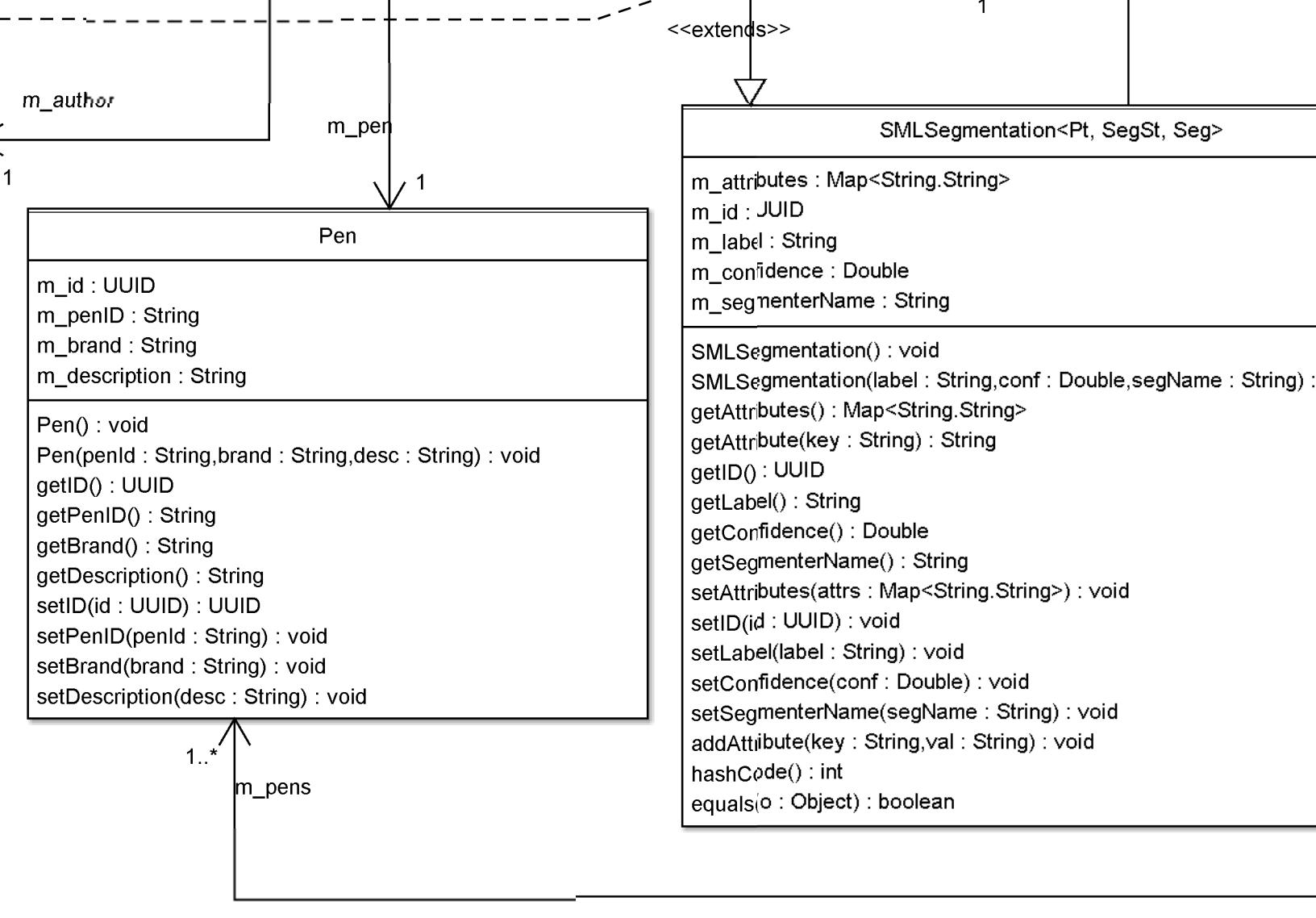
```



0..* 0..*







```
ation<Pt, SegSt, Seg>
```

```
>
```

```
conf : Double, segName : String) : void
```

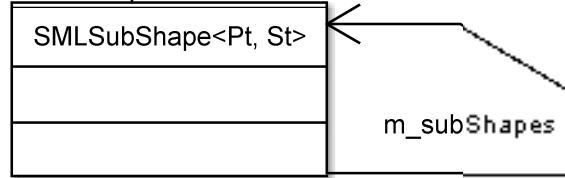
```
g>
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string>) : void
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oid
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```
String) : void
```

```
ng) : void
```



1

