AnimationImpl

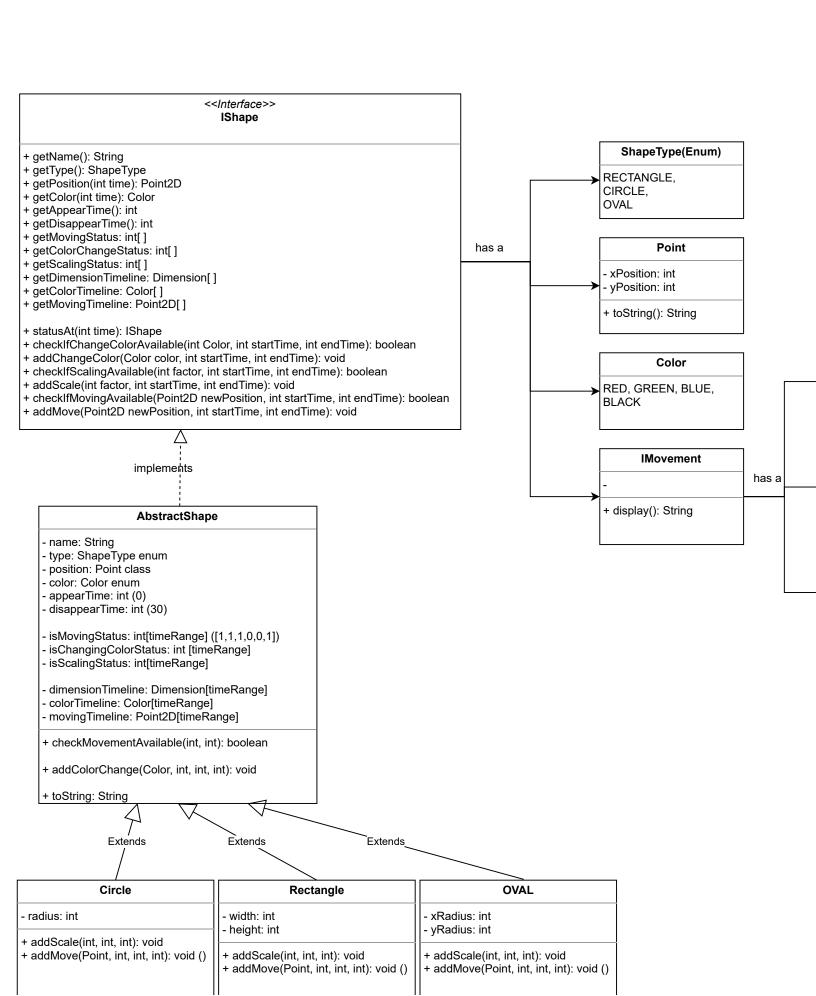
- listOfShapes: LinkedList<IShape>
- statusAtTime: LinkedList<Shape>
- + addShape(IShape)
- + changeColor(IShape, Color, int, int): void
- + scale(IShape, int, int, int): void
- + move(IShape, Point2D, int, int): void ()
- + getListOfShapes(): LinkedList<IShape>
- + getAnimations(): LinkedList<Movement> + getShapeStatusTimeline(): LinkedList<Shape>[]
- + getStatusAtTime(int): LinkedList<Shape>

<<Interface>> **IAnimation**

- + addShape
- + changeColor(IShape, Color, int, int): void + scale(IShape, int, int, int): void + move(IShape, Point2D, int, int): void ()

- + getAnimationTimeline() + getStatusTimeline()
- + getStatusAtTime(int)

implements



Move

- oldPosition: point2D
 newPosition: point2D
- + display(): String

ColorChange

- oldColor: Color newPosition: point2D
- + display(): String

Scale

- factor: int
- + display(): String

timeline 01 t=10 shapes appears Timeline - listOfShapes: LinkedList<lShape> - movementOnTimeline: Movement[][] - statusOnTime: Shape[][] shapes appears t=20 R1 + changeColor(Shape, Color, int, int): void + scale(Shape, int, int, int): void + addMove(Shape, Point, int, int): void () + getAnimationTimeline() C1 scales starts t = 30 + getStatusTimeline() + getStatusAtTime(int) t = 34R1 changes color start C1 R1 t = 50 R1 changes color done t= 55 C1 scales done t = 58 C1 disappears t = 60 O1 move starts 01 01 t = 65 O1 move ends O1 disappears; R1 disappears t = 80