

PLAYFUL DATA VISUALIZATIONS USING SPRITEKIT

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CREATING THE BUBBLES

```
SKShapeNode *shape = [SKShapeNode shapeNodeWithCircleOfRadius:radius];
shape.fillColor = color;
shape.position = CGPointMake(xPosition, yPosition);
shape.physicsBody = [SKPhysicsBody bodyWithCircleOfRadius:radius + 6];
[self addChild:shape]; // Self is the SKScene

NSInteger xImpulse = ... // Random between -50 and 50.
[shape.physicsBody applyImpulse: CGVectorMake(xImpulse, 0.0)];
```

ACTIONS

GROUPS AND SEQUENCES USED FOR ANIMATING THE REMOVAL OF OLD BUBBLES AFTER REFRESH

ISSUES I FACED

- Crashes when updating gravity, unless done right
- Need to use old school touch handling to select nodes

USEFUL RESOURCES

bit.ly/1MwHeHM