

## Overview

- Lets the user create bubbles in several different "environments"
- Two different bubble sizes
- Allows panning around the environment
- Bubbles float in different directions

## Implementation

- Separate cube map for each environment
- Fresnel shading to produce bubble effect (three.js)
- Orbit controls (three.js)--simplified trackball
- Random path generation for each sphere/bubble

## Benefits of three.js

- Simplicity
  - Sphere creation
  - Texture application
- Documentation
- Example code



## Potential for Expansion

- Let the user chose where the bubble originates
- Let the user specify the bubble size (more than 2 options)
- Implement a custom "bubble wand" object so the bubble doesn't seem to appear out of nowhere