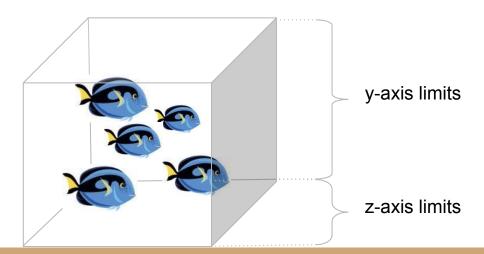


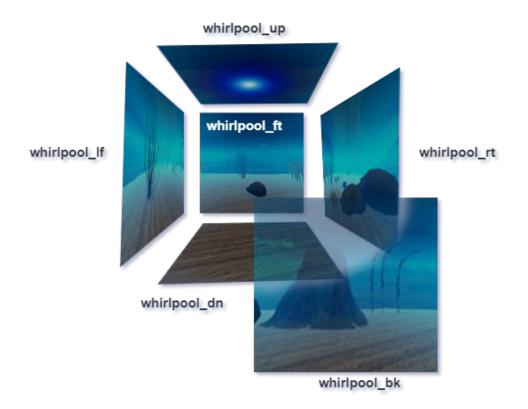
Creating simple boids

- Generation of a basic boid:
 - for $i 1 \rightarrow n$:
 - Generate random number within the bounds defined for all x, y, z
 - Create a node with fish
 - Translate the fish at the above generated position

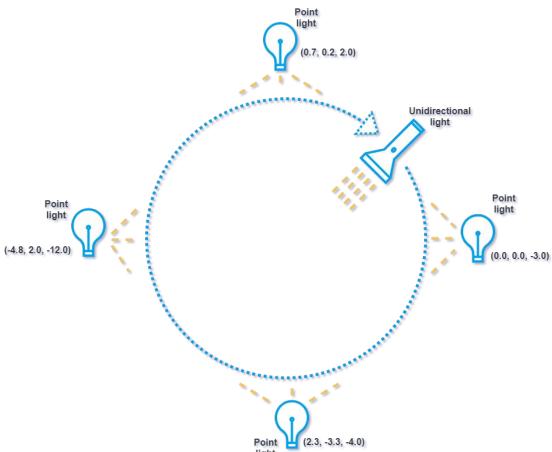




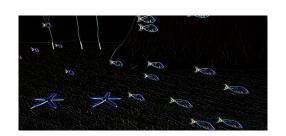
Skybox



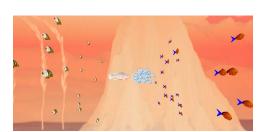
Lighting



Effects & Filters



Edge detection



Inverted



Gaussian blur



Normal



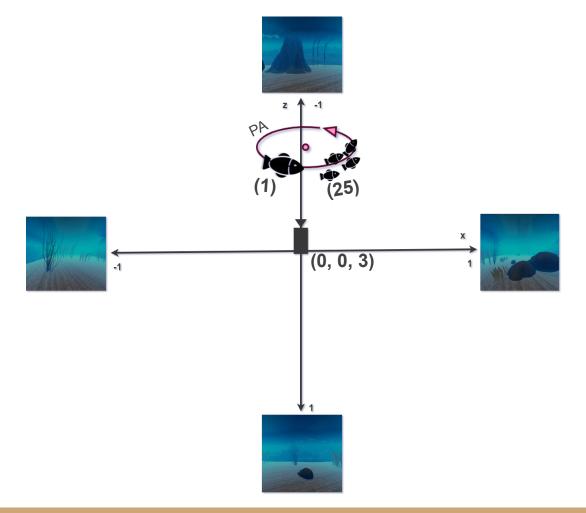
Sharpening

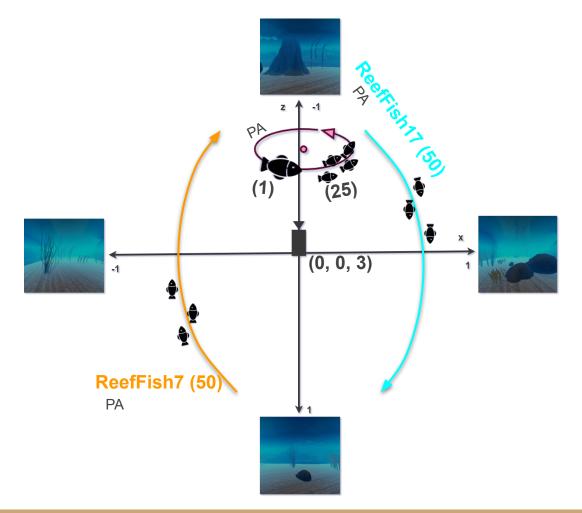


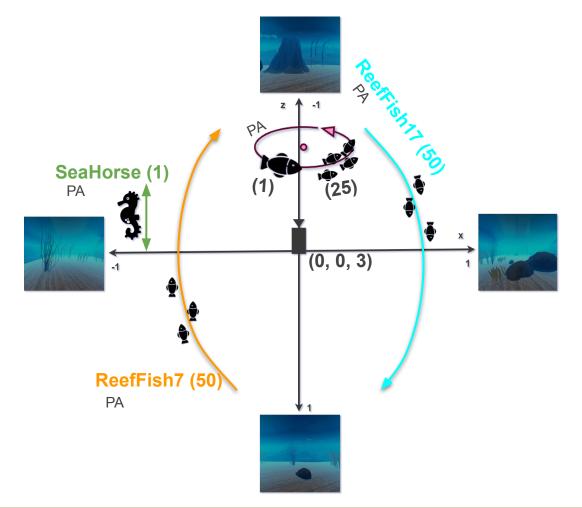
Grayscale

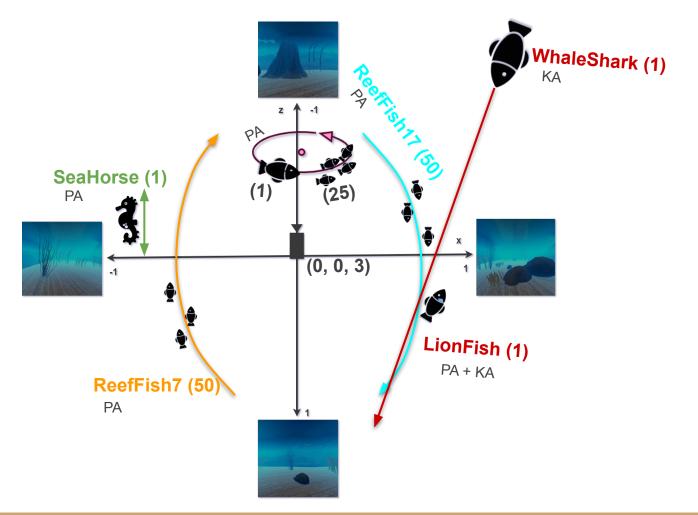
Also exposure and "underwater" camera effect

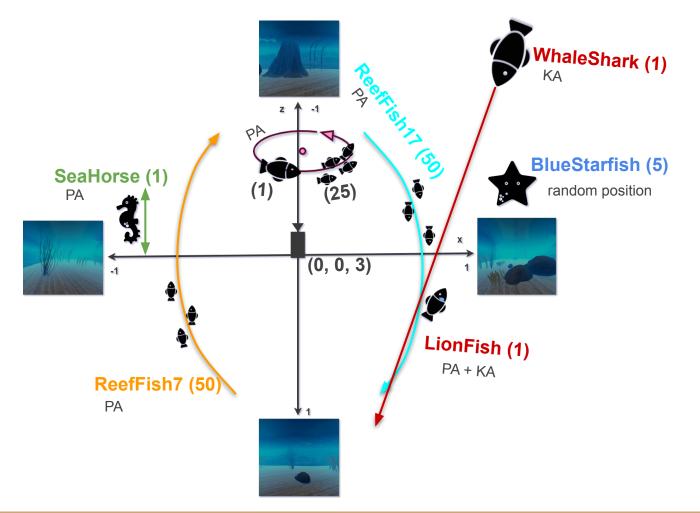












Floating Motion:

- y: sin(time)

- Circular Motion:

- Angle: time % 360
- x: r * cos(angle)
- y: r * (sin(angle) + cos(angle))
- Z: r * sin(angle)

- Keyframe Motion:

- Translation keys (used to make whaleshark attack lionfish)
- Rotation keys
- Scaling keys (used to make lionfish "disappear")

Thank you for your attention!

