Move/Turn/Roll Instructions
DoTogether, Storyboards
January 24, 2019

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Instructions

• Move – how many directions to move?
• Turn – how many ways?
• Roll – how many ways?

Object Parts

• Which instructions should you use with object parts? (turn, roll, move?)

Other instructions

• Move
• Move to
• Move towards
• Point at
• Place
• Turn
• Turn to face
DoInOrder vs DoTogether

• Is the final result of movements from these two code blocks the same?

<table>
<thead>
<tr>
<th>DoInOrder</th>
<th>DoTogether</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>this.pig</strong> move FORWARD, -1.0, add detail</td>
<td><strong>this.panda</strong> move FORWARD, -1.0, add detail</td>
</tr>
<tr>
<td><strong>this.panda</strong> turn RIGHT, -0.5, add detail</td>
<td><strong>this.panda</strong> turn LEFT, -0.5, add detail</td>
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</tbody>
</table>

Storyboards

• Series of sketches
• Simple sketches
• List of objects

Scene: 1

Initial scene

Objects: Amy, spaceship, rock

Complete Storyboard example

Title: A Space Scare

objects used: astronaut (Amy), UFO, marble (rock), spaceship (alien)

Scene 1

Amy runs to ladder. Amy goes up into spaceship. Spaceship takes off.

Scene 2

Alien runs. Smartphone. Spaceship head. Then Amy says: "I don't believe that in the back of my mind."

Scene 3

Screen zooms in to get good look at alien. Then camera back to original location.

Scene 4

Amy runs to ladder. Amy goes up into spaceship. Spaceship takes off. Alien runs. Smartphone. Spaceship head. Then Amy says: "I don't believed that in the back of my mind."

Scene 5

Screen zooms in to get good look at alien. Then camera back to original location.
Pixar does Storyboards

Announcements

• RQ5 – will turn off 10:05am on Tuesday
• Assignment 2 due Tuesday

Class Today

• Storyboard
• Alice programming