A Maze Game Created in Scratch

http://cs.oregonstate.edu/~mjb/scratch

Mike Bailey
mjb@cs.oregonstate.edu

Oregon State University

Events

when green clicked

when space key pressed

when this sprite clicked

when backdrop switches to backdrop1

broadcast message1

when I receive message1
Sensing

- touching
- touching
- touching
- distance to
- key
- mouse down?
- mouse x
- mouse y
- x position of Sprite1
- y position of Sprite1
- direction of Sprite1
- size of Sprite1

Operators

- pick random 1 to 10
- <
- =
- >
- and
- or
- not
- sin of 9
- cos of 9
Scratch Handles the Directions you are Going Like a Compass Does

The Maze
Dog – bottom code

[Diagram showing flowchart code for a dog, with conditions and actions such as "when up arrow...", "point in direction", "repeat until", "touching color", "play sound", "move", etc., and a note at the end: "Decide that we have been eaten by a soccer ball"]