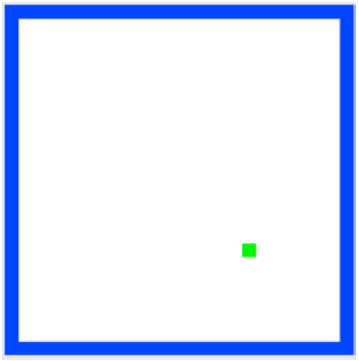
The Roomba Challenge: Picobot Assignment

Part II due Friday, 9/2 at lab time (1:10pm).

Work on the picobot site here: http://nifty.stanford.edu/2010/dodds-picobot/picobotPlain.html

Write picobot rules that will always cover this room, no matter where it starts from. How efficient can you be?

- How few rules and states can you get away with?
- How much is your robot going over the same ground before getting to new spaces?



Print out your rules (copy and paste into a text file) and bring to class. Keep a digital copy too, as we might need it later.

What if the room isn't empty? Write picobot rules that will always cover this room, no matter where it starts from. This room is the second map on the picobot site (click the -> button where it says "MAP").

Print out your rules (copy and paste into a text file) and bring to class. Keep a digital copy too, as we might need it later.