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| Command | Code | Notes |
| Step forward/backward | step\_forward(N), step\_backward(N) | -contines after a virus is encounters  -stops after a wall is hit |
| Turn left/right | turn\_left(), turn\_right() |  |
| Detect nearest wall | sense\_steps(), sense\_steps(dir)  robot.SENSOR\_FORWARD  robot.SENSOR\_LEFT  robot.SENSOR\_RIGHT | -does not actually move the bot |
| Detect packets | sense\_packets() | * + A dictionary   + Coordinates are relative to the location of the bot   + {1:(3,1), 2:(-2,-4)} |
| jump | jump() | -robot must jump at the location of each paket ot collect it |
| Detect viruses | sense\_viruses(), num\_viruses\_left() | -only detects viruses in a 10 step radius  -returns a list of coordinates  -number of viruses left can be used to determine when to exit the maze |
| Detect Bugs | sense\_bugs() |  |