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CS830

September 21, 2015

Assignemnt 3 Writeup

**1. Describe any implementation choices you made that you felt were important. Mention anything else that we should know when evaluating your program.**

* I normalized my euclidean distances.
* All my angle calculations were done between –π and π.

**2. What suggestions do you have for improving this assignment in the future?**

I would be more clear about what exactly a collision is. The validator was checking collisions far more rigorously than we were required to, and it led to a lot of confusion.

**Validator Output**

-bash-4.3$ ./rrt-validator.py --grad run.sh < space0.sw

Executing planner...

Parsing plan...

Picked up JAVA\_TOOL\_OPTIONS: -Xmx256m

Validating plan...

The solution path is valid and collision free.

-bash-4.3$ ./rrt-validator.py --grad run.sh < space1.sw

Executing planner...

Parsing plan...

Picked up JAVA\_TOOL\_OPTIONS: -Xmx256m

Validating plan...

The solution path is valid and collision free.