

Features - Cycle 1

Name: 1. Working non-graphical matches between robots

Feature: In the command line, the user will be able to choose which robots they would like to be in the match. From there, they can run the simulation and they results will be displayed. No graphics will be shown for this feature.

Constraints: The results from this feature must be accurate to results from the original ATRobots simulation.

Name: 2. ATR Lock with GUI Interface

Feature: Combine ATR Lock program with created GUI Interface. This will allow the program to be run using an efficient and modern interface that executes the ATR lock functions.

Constraints: Encoded robots must work in the original ATR Lock program.

Name: 1a. Decoding robots for the first feature

Feature: Decode the robots that are run through the ATR Lock program so that they can be run in the command line execution to observe results.

Constraints: Robots must retain all original functionality. Must be able to re-encode them.
