

Artificial Intelligence for Battle Robots

halfweg presentatie

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- “Challenges”
- Progress
- Planning
- demo

Integrating other programs

Problem:

- Weird errors about using right "classpath"
- .bat files
- Windows terminal & linux terminal
- Starting RoboCode from our project

Integrating other programs

Solution:

- Eclipse
- Read the api (a lot)

Implementing the Genotype

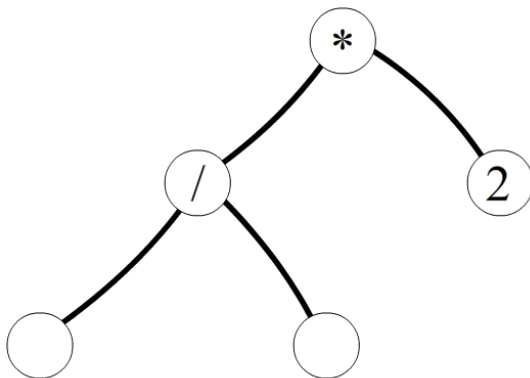
Problem:

- 1 Designing datastructures that:
 - Adequately stores java code
 - Is easily mutated

Solution

- have add, remove and change command
- use an expression tree for the arguments

Solution of giving random arguments:



getGunHeading()

e.getBearing()

What can we do now?

- Create our first generation of bots
- Convert genotype to phenotype
- Access JGAP and Robocode from our own java code
- test our bots with our "fitness function"

new planning

