## RobotAI

### CRC

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| RobotAI | |
| Holds the information about a Robot that will be controlled by a script. | Stats  Librarian |

### Description / Overview

RobotAI is an extension of the Robot class that contains extra information about this robot including the Team that created it, its previous stats and the script that created it.

### Instance Variables

#### presviousStats

Data Type:String

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#### script

Data Type:JSONObject

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#### words

Data Type:List<UserDefinedWord>

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### Method Overview

*public RobotAI(String json)*

*public String getLibTeam()*

*public Stats getPreviousStats()*

*public String getPlayCommand()*

*public String getInitCommand()*

*public JSONObject toJSON()*

*public List<UserDefinedWord> getWords()*

### Method Writeups

#### public RobotAI(String json)

Create a RobotAI object with its corresponding JSON string

#### public String getLibTeam()

Get the team that created this robot.

#### public Stats getPreviousStats()

Get the statistics saved about this robot

#### public String getPlayCommand()

Get the forth script that that will execute this robots play

#### private String getInitCommand()

Get the command that instantiates this robots words.

#### public JSONObject toJSON()

Get a JSONObject representation of this Robot

#### public List<UserDefinedWord> getWords()

Get the list of defined words for this robot.