

Multi-Agent Programming Contest 2018

Registration of Team: Dumping to gather

Marc Schmidt Andrea Marie Weintraud
Josephine Alice Krause
Christopher-Eyk Hrabia
Technische Universität Berlin, DAI-Lab,
Ernst-Reuter-Platz 7, 10587 Berlin, Germany

August 10, 2018

Abstract

The second Multi-Agent Programming Contest 2018 team of the Technische Universität Berlin results from the course *Applied Artificial Intelligence Project* that has taken place in the summer term 2018. In this course two mixed teams of Master's students from business informatics and computer science have developed solutions for a simplified contest scenario, only using 12 agents per team and reduced task complexity. The given target was to use our decision-making and planning framework ROS Hybrid Behaviour Planner (RHBP), which allows to develop distributed multi-agent systems in the robotics domain. The united team for the official contest is formed by students from the course and their supervisor.

General

Introduction

1. What is the name of your team?

Dumping to gather

2. Who are the members of your team? Please provide names, academic degrees and institutions.

Christopher-Eyk Hrabia, M.Sc. Informatik (Technische Universität Berlin),
Technische Universität Berlin

Josephine Alice Krause, B.Sc. Information Systems (Technische Universität Berlin),
Technische Universität Berlin

Marc Schmidt, B.Sc. Mathematik (Technische Universität Berlin),
Technische Universität Berlin

Andrea Marie Weintraud, B.Sc. Information Systems (Technische Universität München), Technische Universität Berlin

3. Who is the main-contact? Please also provide an Email address.

Christopher-Eyk Hrabia, christopher-eyk.hrabia@dai-labor.de
Technische Universität Berlin, DAI-Lab,
Ernst-Reuter-Platz 7, 10587 Berlin, Germany

4. How much time (developer hours) will you have invested (approximately) until the tournament?

Approximately $3 * 200h = 600h$