

Multi-Agent Programming Contest 2020

Participation Registration Template

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Abstract

Please follow the given template structure for your submission. It is vital to explain in this submission how you are using a multi-agent approach (or why not).

You need to submit the first section (General) of the document as PDF to the mailing list and the complete document to one of the organizers. (Of course you are free to submit the complete document to the mailing list as well).

due **10 August 2020**

General

1. What is the name of your team?
UCD Builders
2. Which (agent) platform/programming language(s)/frameworks are you using and why?
ASTRA - to test out various new features including the recent Encapsulated Rules extension.
3. Any tips you want to give the other participants? :)

Specifics

Organization

1. Who is the main-contact? Please also provide an email address.
Rem Collier (rem.collier@ucd.ie)
2. The contest is planned for October/November. If possible, please indicate any preferences/constraints you might have regarding the dates.
The later the better.

System Analysis and Design

1. What is the **main strategy** of the agent team?
To make something at works (we are still working on the strategy)
2. Do you use any existing MAS **methodology**, e.g. Prometheus, O-MaSE, Tropos, ...?
No, we are leaning towards an agile methodology.
3. Do you plan to **distribute** your agents on several machines?
Not at the moment, but we will try to design the behaviours so that they can be distributed.

Agent Development

1. Which **development** platform and tools (e.g. IDEs) are you using?
We are using Maven plus Visual Studio Code for syntax highlighting.
2. If you used agent technology, did you have previous experience?
Yes
3. Do you think your choice of tools/platforms/...already paid off?
Of course - we wrote the language - we know all of its failings...

Evaluation

1. What are strengths of your (agent) team?
It is not clear yet
2. What are the (known) weaknesses of your (agent) team?
It is not clear yet
3. How far do you think you are with your agents? What are you planning to add/change until the contest?
Lots - we are some way from a working system due to other work commitments, but have a window now to try to get something working... We hope to achieve the minimum requirements to enter before the end of the qualification window.