



Aerial Robotics Community Group

March 27th 2024
Presentation meeting

Kimberly McGuire



Ramon Roche



The Agenda

- Announcements
- Presentation by Rhys Mainwaring about Gazebo and Aerial Vehicles
- Next meeting details

Announcements

- We have 2 new subcommittees!
 - Indoor Navigation (Lead Mayank)
 - Simulation (Lead Aarsh and Rhys)
- Indoor navigation topic discussion by Mayank
 - <https://discourse.ros.org/t/development-topic-s-for-aerial-robotics-indoor-navigation/36347/8>
- Simulation topic discussion:
 - <https://discourse.ros.org/t/development-topic-s-for-aerial-robotics-simulation/36632>

Development topics for Aerial Robotics - Indoor Navigation

■ Aerial Vehicles wg-aerial-robotics



It's been a while since we've seen botmayank — their last post was 5 months ago.



botmayank

14d

Hey,

As a part of ROS-Aerial, we're starting an indoor navigation subcommittee. Let's use this thread to start ideating on existing projects which can be relevant that we can work on and also any new packages which can help push out an open-source autonomy stack for indoor navigation.

Development topics for Aerial Robotics - Simulation

■ Aerial Vehicles wg-aerial-robotics



aarsh_t

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Hello,

As a part of ROS-Aerial, we're starting a simulation subcommittee. Let's use this thread to continue building on existing projects that can be relevant, and we can work on any new features/packages that can help to push out well-documented, open-source simulation capabilities for aerial vehicles.

Some useful links:

- One of the threads on the ROS-Aerial simulation can be found [here](#). Assume this thread is a continuation of that.
- [Landing page](#) ¹ for the simulation subcommittee. Feel free to add your name in the list here if you are interested in being a member.
- [Discord thread](#) ² for the simulation subcommittee.

Announcements

- Open source Robotics Alliance
 - Changes in governance
- We are no longer a 'ROS community working group' but just 'community group'
 - But nothing will change in practise
- 'Influence'
 - We have no influence as a community group directly on governance
 - But we do have influence as individuals by contribution

🔒 📌 Announcing the Open Source Robotics Alliance ✎

General osrf, osra



gbiggs Regular 🗨

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The Open Source Robotics Foundation, aka Open Robotics, is pleased to announce the creation of the Open Source Robotics Alliance (OSRA). The OSRA is a new initiative from the OSRF to ensure the long-term stability and health of our open-source robot software projects.

Using a mixed membership/meritocratic model of participation, the OSRA provides for greater community involvement in decision making for the projects, and in the engineering of the software. This

Presentation by Rhys Mainwaring - Gazebo and Aerial Vehicles

https://github.com/ROS-Aerial/aerial_robotic_landscape/blob/main/simulation.md

<https://github.com/ROS-Aerial/community/blob/master/subprojects/simulation.md>

Next meeting: Presentation meeting

Developer meeting with subcommittees

- **Wednesday 10th of April 2024 at 3 pm UTC (??)**
 - **Need to check with new timezones and such**

Github organization for this working group: <https://github.com/ROS-Aerial>

- Aerial robotics landscape: Add a info page if you like
- Community: Add yourself as member

Wanna do a presentation? Email to kimberly@bitcraze.io & rroche@linuxfoundation.com