



## TECHNICAL GOVERNANCE COMMITTEE MEETING MINUTES

---

**19 DEC 2024 / 15:00-16:30 UTC / VIRTUAL VIA ZOOM**

### ATTENDEES

OSRF: Geoff Biggs (TGC Chair), Kat Scott (Developer Advocate), Vanessa Yamzon Orsi (Secretary), Vicky Brasseur (OSRA Governance Advisor)

OSRA Delegates: Addisu Taddese (Gazebo, Intrinsic), Jason Higgins (Silver rep, Clearpath), Michael Grey (Open-RMF, Intrinsic), Hemal Shah (Platinum Rep, NVIDIA), Michel Hidalgo (Silver Rep, Ekumen), Steve Macenski (Individual Rep), Steven! Ragnarok (Infrastructure, Intrinsic)

OSRA Observers: Daniel Gordon (Huawei), Jaime Martin Losa (eProsima), Michael Carroll (Intrinsic), Nick Hehr (Viam), Tom Panzarella (Seegrid), Yuki Nakagawa (OSRF Board Chair)

### AGENDA

Geoff Biggs, TGC Chair, called the meeting to order at 15:05 on 19 Dec 2024 UTC

#### Existing Business

1. Confirmation of minutes of meeting TGC-20241121-Regular
  - **Approved by consensus**
2. Project reports
  - Project update: ROS
    - Presented by Chris Lalancette, PMC Lead
      - Preliminary REP-2000 for Kilted Kaiju, which designs the platforms, packages, and dependencies that were merged in is now up. We will be using Ubuntu 24.04, and supporting Windows 10. There is a possibility that Windows 11 will be officially supported as well.

- PR for suggested dates for Kilted release has also been posted, 7-week release process, similar to Jazzy. Release date planned for May 23, 2025.
  - It was discussed whether the release date should be extended to give more time between Ubuntu and ROS releases. This is a possibility, however, it cannot be past July due to summer schedules of contributors.
- The ROS PMC has established its first official Working Group (WG), the Client Library WG. This was a long-standing unofficial group led by Alberto Soragna.
- Significant work done for RMW Zenoh; we merged in 1.0, Zenoh CPP.
- For switching Windows dependencies on Conda, everything is working except for Windows debug, still in progress.
- Removed code owners files from all ROS repositories.
- Iron is now officially EOL. Retrospective done at a ROS PMC meeting.
  - Pros: Overall, Iron went well as a release. Syncs performed every two weeks; seven (7) patch releases, Tutorial Party went well. Ideas for improvement were taken from Gazebo release management.
  - For Improvement: Overall, having core repositories be strict for API is better for the community; not as many backports were done as should have been.
- Project update: Gazebo
  - Presented by Addisu Taddese, PMC Lead
    - Garden is now officially EOL. The EOL process has now also started for Citadel.
    - Gazebo Classic EOL in January 2025. PMC has been working on comms to the community.
    - All ROS Gz examples have been cleared up for those getting started with ROS and Gazebo
    - We have been participating in the effort to standardize simulation interfaces.
    - There was a community meeting with the NASA Space ROS Summer Sprint Challenge, where ten (10) teams presented

how they used Gazebo for the challenge to create a space-focused simulation environment.

- One (1) new committer added to the Gazebo project.

- Project update: Open-RMF

- Presented by Michael Grey, PMC Lead

- Got timers and async execution into rclrs.
    - Using more of the general purpose workflow library inside the site editor application; using workflows to load models and can customize what happens when a model is loaded.
    - Making incremental progress on qualcom cargo, getting into package cloud where the Buildfarm stores; working with the Infra team on that.
    - Brief discussion re: executors

- Project update: Infrastructure

- Presented by Steven! Ragnarok, PMC Lead

- Main goal is currently to get machines moved from Ubuntu 20.04 to 24.04. Currently have a test farm running ROS 2 CI, ci.ros2.org, a machine cluster used for testing full integrations of ROS 2 core.
    - A larger effort to move the ROS 2 Buildfarm is underway, aiming for Feb/Mar 2025.
    - Exploring tools for issuing short-lived SSH certificates as an alternative method of authenticating Infra machines, to remove the need to issue permanent access and allow for more delegation for those with less robust access.
    - Pulling resources to get Apple Silicon and MacOS Sequoia machines available for the Gazebo Buildfarm.
    - Preparing to pull in the final sync of Gazebo Classic packages into the ROS bootstrap repository, mostly supporting ROS Noetic.
    - Getting one of the major dependencies for ROS Buildfarm EMI updated for its new version of 4.0 syntax and API.

### 3. Existing Business

- Status of SIGs/TCs

- Technical Committee on Submissions and Generative AI

- Goal: To study the use of submissions produced, in part or in whole, by Generative AI and formulate policy options has been finalized and requires approval.
  - Chair: Steven! Ragnarök
  - Members: Geoff Biggs, Michael Carroll, Steve Macenski, Vicky Brasseur
  - Update: Presentation and discussion as a separate agenda item below.
- Technical Committee on Enhancement Proposal Processes
  - Goal: Upgrade and improvements over REP
  - Chair: Geoff Biggs
  - Members: PMC Leads
  - Update: Determining what scope is covered by this process - what should require an enhancement proposal instead of something just being done through the normal open-source development process. This has taken longer than intended.
  - Request from the TGC: An extension of the TC's charter through March 2025.
    - Motion passed by consensus.
    - Request from TGC for opinions on open items.
- SIG on Interoperability
  - Chair: Michael Grey
  - Reply Robotics presented their use cases for Open-RMF.
- Generative AI Policy and Guidance draft presentation
  - The Technical Committee on Use in Projects of Submissions
 

Produced by Generative AI (TC GAI) has drafted a policy and guidance on the use of generative AI in OSRF projects.
  - While drafting this policy, the Technical Committee identified the additional and independent need for a copyright policy for OSRF projects. This need is out of scope for the TC and so we have elected to conclude the TC with the chartered tasks completed.
  - The current policy states that a contributor already attests upon submission that under DCO, they have the right to make this contribution, and what is being said with this policy is that when a contributor uses generative AI tools to make that contribution, there are additional expectations that they understand the tools they're using and what those tools are capable of producing, and with that

understanding the contributor is still confident that they can sign the DCO.

- Discussions regarding liability, research and discussion with similar open-source organizations, both those who approved and banned generative AI, GPL.
- Identified need for OSRA policy regarding missed licenses or otherwise copyrighted code that should not be used as part of our code base. A draft is forthcoming from Vicky Brasseur.
- Motion initiated to adopt the Generative AI Policy.
  - Motion rejected to give the TGC reps time to discuss with their constituents prior to voting.

## **New Business**

- **Project Leader nominees review**

- In accordance with Article 8.4 of the OSRA Program Charter, the TGC is required to review Project Leader nominations from each PMC, and reject any nominees that it feels are not appropriate. The following nominations have been received. No additional comments from PMC members have been received.
  - ROS Project Leader - Chris Lalancette (incumbent)
  - Gazebo Project Leader - Addisu Taddese (incumbent)
  - Open-RMF Project Leader - Michael Grey (incumbent)
  - Infrastructure Project Leader - Steven! Ragnarök (incumbent)
- Motion to accept the nominated Project Leaders for 2025.
  - Motion passed by consensus.

- **TGC representatives elections**

- In accordance with Article 6 of the OSRA Program Charter, the Chair of the TGC is required to hold elections for Gold Member, Silver Member, Associate Member, Supporting Individual Member, and Project Representatives. The Policies and Procedures specifies that elections may be held once per calendar quarter; we will hold these elections in Q1 of 2025. Terms shall begin in April, 2025 (with possible term extensions to begin earlier if the election process completes earlier). The following representatives will be elected.
  - Gold members: 2 representatives
  - Silver members: 4 representatives
  - Associate members: 1 representative

- Supporting Individual members: 1 representative
  - ROS project: 1 representative
  - Gazebo project: 1 representative
  - Open-RMF project: 1 representative
  - Infrastructure project: 1 representative
- Call from TGC Chair to consider and encourage candidates/nominees.
- **Change of Supporting Individual Representative**
  - Steve Macenski's term as Supporting Individual Representative ends at the end of 2024; this will be his final meeting.
  - The TGC thanked Steve for his contributions and his fantastic work for the community.
- **Open items review**
  - Discussion and review of open items and other agenda items addressed in the TGC's first year.
    - Increasing technical contributions from the community - community metrics, communications about various types of contributions, growing contributor base
      - The Infra Team has been seeing growth and diversity in its contributor base.
      - ROS Team to run metrics to measure what appears to be an increase in contributors as well.
    - Open-RMF Renaming
      - Currently in legal process to determine viability of shortlisted names.
    - ROS Project availability in China - Infra Team is looking into this, for example Linux distribution-style mirrors

### Other Items

- None

**Adjournment** - Geoff Biggs adjourned the meeting at 16:15 UTC.

### ACTION ITEMS

1. The minutes of this meeting will be circulated to the TGC for review and approval before the next TGC meeting.

---