

ROS PMC weekly meeting agenda

Public ROS PMC weekly meeting agenda

Zoom:

<https://openrobotics-org.zoom.us/j/81171854425?pwd=FgDYZHHAieFi32SBgwaKmbCyrkWPaC.1>

- ROSCon Key Dates
 - ◉ ~~Diversity Scholarship - April 18, 2025~~
 - ◉ ~~Workshop proposals - May 5, 2025~~
 - ◉ ~~Talk proposals - June 2, 2025~~
 - ◉ ~~Acceptance - July 14, 2025~~
 - ◉ ROSCon - October 27, 2025

Put agenda items for the next week here

-

Oct 21, 2025

- ROS PMC Business
- (Cristobal) Buildfarm update
 - ◉ PTAL [Buildfarm Issues Triage Sheet](#)
 - ◉ Welcome Miguel Gonzalez to the Buildfarm team!
 - ◉  Issues
 - Rolling performance build regression due to time out ([fix](#))
 - [rclpy.rclpy.test.test_events_executor.TestEventsExecutor.test_pub_sub test failing with subscriber node alone in multiple rmws](#)
 - [TestBroadcasterAndListener.test_static_broadcaster_and_listener failing in CI repeated jobs](#)
 - ◉  Priority issues
 - [test_ros2trace tests hang on nightly Linux jobs](#) is happening more now.
- (mjcarroll) Waffle note-taker
 - ◉ ~~July 31 + Aug 7 - William~~
 - ◉ ~~Aug 14 + Aug 21 - Michael Orlov~~
 - ◉ ~~Aug 28 + Sep 4 - Kat~~
 - ◉ ~~Sept 11 + Sep 18 - Shane Loretz~~
 - ◉ ~~Sep 25 + Oct 2 - Kat~~
 - ◉ ~~Oct 9 + Oct 16 - Kat Scott~~

- Oct 23 - Async update
- (mjcarroll) Rosdistro assignments
 - ~~July 29 - Aug 5 - Christophe + Michael G~~
 - ~~Aug 5 - Aug 12 - Emerson + Dharini~~
 - ~~Aug 12 - Aug 19 - Steven! + Michael G~~
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 - ~~Sep 11 - Sept 18 - @Marco + ahcorde@gmail.com~~
 - ~~Sep 23 - Sep 30 - Yadu + Alejandro~~
 - ~~Sep 30 - Oct 7 - Christophe + Andrew~~
 - ~~Oct 7 - Oct 14 - Marco + Chris~~
 - ~~Oct 14 - Oct 21 - Michael + Emerson~~
 - Oct 21 - Oct 28 - Michael + William
 - Outgoing rosdistro issues:
- [ROS Boss - Release Management](#)
 - Audrow (Humble)
 - [New packages for Humble Hawksbill 2025-10-20 - ROS General](#)
 - Yadu (Rolling)
 - [Preparing for Rolling Sync 2025-10-20 - Packaging and Release Management - Open Robotics Discourse](#)
 - Marco (Jazzy)
 - No updates.
 - Scott (Kilted)
 - No updates.
- Agenda
 - [simmers] Update on ROS + Bazel Work
 - <https://github.com/ros2/ros2/issues/1726>
 - [hidmic] How does this align with existing ROS + Bazel work? How does this interact with the (cmake heavy) rosidl pipeline?
 - [hidmic] FYI <https://github.com/bdaiinstitute/proto2ros>
 - [tfoote] SIG on Physical AI Update
 - Watch for more public information here: <https://github.com/ros-physical-ai>
 - [claraberendsen] Windows 11 support plan
 - It [seems](#) like we could run Windows Server 2022 workloads on Windows 11 machines (not clear if that includes Windows server 2025) possibly just with process isolation, definitely if we remove our need for bind mounting.
 - [Zulip thread](#)
 - [hidmic] ROS IDL discussion:
 - <https://discourse.openrobotics.org/t/is-it-time-to-discuss-rosidl/49867>
 - [wjwwood] <https://protobuf.dev/reference/python/python-generated/#sharing-messages>

Oct 14, 2025

- ROS PMC Business
- (Cristoba) Buildfarm update
 - PTAL [Buildfarm Issues Triage Sheet](#)
- (mjcarroll) Waffle note-taker
 - ~~July 31 + Aug 7 - William~~
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 - Outgoing rosdistro issues:
 - Should we merge in <https://github.com/ros/rosdistro/pull/47678> ?
 - <https://github.com/ros/rosdistro/pull/48020>
 - REP-144: easynav OK?
- [ROS Boss - Release Management](#)
 - Audrow (Humble)
 - No updates
 - Yadu (Rolling)
 - Rolling Sync out this week
 - Marco (Jazzy)
 - Jazzy Sync out:
<https://discourse.openrobotics.org/t/new-packages-for-jazzy-jalisco-2025-10-14>
 - Scott (Kilted)
 - Sync last week, potential patch before roscon
- Agenda
 - [mjcarroll] Zulip
 - Just a PSA that we should be moving everything over to Zulip if we haven't already.

- Topic for review requests (public r/w):
<https://osrf.zulipchat.com/#narrow/channel/526027-ROS-General/topic/Review.20Requests>
 - Release management thread (PMC w, public r):
<https://osrf.zulipchat.com/#narrow/channel/526029-ROS-PMC/topic/Release.20Management.20Thread>
- [mjcarroll] Meetings around ROSCon
 - I'm in transit for Oct 23 Waffle Meeting
 - Cancel October 28th PMC meeting for ROSCon
 - Singapore time October 30 Waffle Meeting + Set up for hackathon?
 - https://www.meetup.com/singapore-ros-meetup/events/311303026/?eventOrigin=group_upcoming_events
- [mjcarroll] Windows 10 EOL + Windows 11 Migration
 - This is the last day for standard Windows 10 support. While we have been testing/experimenting with Windows 11 since the killed release, it's probably time to make this official
 - Validate that we can build on Win 11
 - Spin up buildfarm runners
 - Update ros2_ documentation for Rolling (maybe Killed?)
 - Update REP 2000 for Rolling (at least)
- Waffle Issues to Discuss
 - https://github.com/ros2/message_filters/issues/209
 - discussion on how to handle time synchronization for both local (intra-host) and distributed (inter-host) systems, as standard ROS 2 header only has a single timestamp.
 - [tully] everything on the wire is ROS time
 - [william] ROS time is equivalent to system time (equivalent to CLOCK_REALTIME)
 - [william] Maybe the right thing to do is generalize what is in the header to accommodate, but that is a potential to fragment
 - [tully] but we do need to have a best guess at a time abstraction across the entire system
 - [andrew] in addition to the unique identifier, we could send the coefficients that allow you to project into a common time basis.
 - https://github.com/ros2/common_interfaces/pull/299
 - Update batterystate message with additional fields
 - https://github.com/ros2/common_interfaces/issues/294
 - Add an Altitude message
- Lyrical Project Board: <https://github.com/orgs/ros2/projects/70>
- Emerson - https://github.com/ros2/rmw_implementation/pull/266
 - [Chris] Why not LD_PRELOAD
 - [Andrew] Another direction is to interpose in Node

- [Emerson] It's not cross-language, this allows anything that uses `rmw` to get statistics.
- [mjcarroll] how does this compare to `ros_tracing`
 - [emerson] it could use it as an implementation detail. It doesn't now, but would require external process to capture tracing and do processing
 - [emerson] the shim creates topic statistics publisher for each node through the `rmw` layer
- [william] there are situations where `dlopen` is frowned upon (ahem `bazel`). We get value out of hot-swapping with the way that we distribute binaries.
 - This would make it so that people who can't use `dlopen` couldn't use this analysis.
 - https://github.com/asyming/rmw_implementation/blob/rolling-bazel/rmw_implementation/BUILD.bazel#L62-L76
 - In the intraprocess case, we could add an `rcl/rmw/rclcpp` implementation that allows `rclcpp` to "hint" the middleware for accounting purposes.

Oct 7, 2025

- ROS PMC Business
- (Cristobal -> Clara) Buildfarm update
 - PTAL [Buildfarm Issues Triage Sheet](#)
 -  Issues
 - [packaging_linux_rhel #2471](#) build regression
 - `Rviz_default_plugin` triggers the OOM killer on ci.ros2.org.
 - [Buildfarmer log report](#)
 - Break glass option: Run once on 16gb Machine if we haven't fixed it by the time we run a patch release
 - Likely won't affect a stable ROS distro
 - Started failing yesterday (correction, happened on Sep 24th)
 - `demo_nodes_cpp` has a new `RViz` dep that may have caused it to run in parallel with bigger packages
 - Best fix: change one specific `rviz` plugin to use multiple compilation units
 - Alex will take a look <3
- (mjcarroll) Waffle note-taker
 - ~~April 24 + May 1~~ Michael Orlov
 - ~~May 8 + May 15~~ Alberto
 - ~~May 22 + May 29~~ William
 - ~~June 5 + June 12~~ Shane
 - ~~June 19 + June 26~~ Yadu
 - ~~July 3 + July 10~~ Christophe
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- ~~○ Aug 14 + Aug 21 - Michael Orlov~~
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- [ROS Boss](#)
 - Audrow (Humble)
 - Yadu (Rolling)
 - <https://discourse.openrobotics.org/t/new-packages-for-rolling-ridley-2025-09-29/50333>
 - Marco (Jazzy)
 - 200 pkgs to sync, will sync end of this week or beginning of next
 - Scott (Kilted)
 - Sync on Wednesday:
 - <https://discourse.openrobotics.org/t/preparing-for-kilted-sync-2025-10-08/50440>
- Agenda
 - (Michael Carlstrom) Inline code examples:
 - https://github.com/ros2/ros2_documentation/issues/5839#issuecomment-3353182729
 - Git-submodules with use-blocks and tags in code seems like an improvement
 - Idea for tutorial itself being inside the c++ or py file

- Example from FastDDS
<https://github.com/eProsima/Fast-DDS-docs/blob/master/code/DDSCodeTester.cpp#L330-L342>
- How much work will this create?
- <https://www.sphinx-doc.org/en/master/usage/restructuredtext/directives.html#directive-option-literalinclude-start-at>
- If Docs were distributed with examples, could have an action to push examples to ROS 2 Docs repo
- Contributor's preference:
 - Git submodules for downloading
 - Dependabot is easier to set up - have to see if it does too many PRs
 - distributed rst files is better in the long term, but too much work for now so keep all RST files in ros2_documentation and have use-blocks refer to code in submodules
- **Waffle Issues to Discuss**
 - https://github.com/ros2/message_filters/issues/209 (postponed)
 - https://github.com/ros2/common_interfaces/pull/299 (postponed)
 - https://github.com/ros2/common_interfaces/issues/294 (postponed)
 - https://github.com/ros2/rcl_logging/pull/106
 - Already have way to disable logging to disk (a CLI argument)
 - This adds environment variable to disable logging
 - How often will this env variable be checked in code? Only at rcl_init time.
 - Q: Is there a way to add an argument to set it universally to all nodes in a launch file w/o passing to all nodes? No. How about launch_ros_action set-parameter to give parameter to all ROS nodes instead.
 - Long-term project to consider: ROS Logging config file instead of env variables
 - If long-term PMC doesn't want to increase the number of env variables to configure ROS, then close for now.
 - Why not have a ROS parameter for disabling logging?
 - <https://docs.ros.org/en/rolling/Concepts/Intermediate/About-Logging.html#node-creation>
 - Node-action extension in launch can add ROS Args, if it can be added globally, then propose this as an alternative - doesn't exist yet, but could build and backport it.
 - https://github.com/ros2/launch_ros/pull/216
 - https://github.com/osrf/ros2launch_security/pull/1/files#diff-d16580b357825167e86092c99e3945c9d131a8d1b8a4b4cf37de482298cef574
 - Add service to disable-file-logging?
 - No one suggesting we take this PR as is
 - [Steve M] I actually have another topic related to qos override options enablement as an rclcpp ticket <https://github.com/ros2/rclcpp/issues/2876> as we're working to enable that nicely in nav2_ros_common

- [yadu] For vendor packages we are removing from rolling/ros2.repos, should we mark these as “unmaintained” on rosdistro?
 - Yes, for Rolling
 - Final release of package with marker in package.xml that says deprecated/eol (have to look up).
 - Alex will handle that for the vendor packages

Sep 30, 2025

- ROS PMC Business
 - Chat service migrating to Zulip instance
 - Replaces Slack and some amount of discord
 - There will be a ROS PMC channel that is globally readable, but only PMC members and committers will be able to post.
 - Invitations should be coming out this week.
- (Cristobal -> Jorge) Buildfarm update
 - PTAL [Buildfarm Issues Triage Sheet](#)
 -  Issues
 - [Flaky test TestExecutor.spin_all_fail_wait_set_clear in Linux](#)
 - Fujitatomoya was able to replicate locally
 - @jmachowinski @mjcarroll tagged for extra PTAL
 - [Segmentation fault in rclpy test_client and test_service](#)
 - Volunteers? 🙏
 - [ros2service.ros2service.test.test_cli.test_cli failing consistently in Kilted](#)
 - Hard to replicate locally or on [ci.ros2.org](#), probably something else failing that leaves a node in the workspace before the test starts
 - Backporting rmw_isolate features might help, thanks for the suggestion fujitatomoya!
 - Blast545 taking a look at it
 -
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- ROS Boss
 - Audrow (Humble)
 - Yadu (Rolling)
 - <https://discourse.openrobotics.org/t/new-packages-for-rolling-ridley-2025-09-29/50333>
 - Marco (Jazzy)
 - Scott (Kilted)
 - Planning Sync for Thursday
- Agenda
 - [Julien] Service request timeouts missing in RCL → RMW interaction
 - <https://github.com/ros2/rmw/issues/404>
 - [Miguel]
 - <https://github.com/ros2-gbp/ros2-gbp-github-org/pull/870>
 - <https://github.com/ros2/choco-packages/pull/21>
 - <https://github.com/ros2/choco-packages/releases/tag/2025-09-30>
 - [Waffle] Adding the Trajectory and trajectoryPoint messages:
 - https://github.com/ros2/common_interfaces/pull/296
 - [Waffle] Set of messages for embedded sensors
 - https://github.com/ros2/common_interfaces/pull/297
 - [Miguel] very old issue from Alberto. Unbounded messages and zero copy transports. <https://github.com/ros2/rclcpp/issues/2201>
 - [Waffle] Move shutdown hook registration outside of `shutdown\_mutex\_` in `GraphListener::start\_if\_not\_started` :
 - Skyler looking at this, to discuss in client library working group
 - [Emerson] starting a new Community WG processes? Mainly, calendar instance. "ROS Graph Working Group" for launch, nodl, graph monitor, etc

- [ahcorde] vendor packages
<https://github.com/ros2/ros2/issues/1729#issuecomment-3351048354>
-

Sep 23, 2025

- ROS PMC Business
 - Tentative: vote on adding Skyler as committer
 - Alberto motions, Steven! Seconds, passes by consensus
- (Cristobal) Buildfarm update
 - New issues:
 - [roslaunch2_transport.test_record_all.gtest.missing_result is failing on Kilted](#)
 - PTAL: [Buildfarm Issues Triage Sheet](#)
- (mjcarroll) Waffle note-taker
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- Outgoing rosdistro:
 - <https://github.com/ros/rosdistro/pull/47662> - Adding **t64** suffix to packages for 64 bit time migration
 - <https://github.com/ros/rosdistro/pull/47678> - Debian Bookworm packages (seems to be some downgrades)
 - <https://packages.debian.org/bookworm/libboost-all-dev> is 1.74
 - Debian Bookworm is Tier 3 for Jazzy and Kilted
<https://www.ros.org/repos/rep-2000.html>
 - Ubuntu noble uses Boost 1.83
 - <https://github.com/ros/rosdistro/pull/47688> - Pip fallback?
- [ROS Boss](#)
 - Audrow (Humble)
 - https://github.com/ros2/rosidl_typesupport_fastrtps/tree/humble
 - Follow-up: Let's get Miguel the ability on how to release here
 - Yadu (Rolling)
 - Sync this week
 - Marco (Jazzy)
 - Scott (Kilted)
 - Sync next week
- Agenda
 - [ahcorde] Vendor packages:
 - vendor packages exist to provide dependencies on systems without package managers (Windows), and we no longer need to do that because of Pixi.
 - The vendor packages are a tool for getting the ball rolling, but their existence implies a burden on both our compute resources and our package maintainers
 - Most of our vendor packages were only being exercised on Windows, and were pinned to the versions that appear in the Ubuntu LTS.
 - If there's a bug in our dependency, we should file tickets appropriately and drive the fix upstream so that everyone can benefit. It's a different kind of burden, but one that the whole community shares.
 - Pros
 - alternative sourcing of dependencies
 - leaving them with no option to build the dep themselves by default
 - Reduce CI failures
 - Cons
 - doesn't compile with some specific compiler version like clang on some specific platform like RHEL or QNX and we have to patch it because the new version of the package is not available in distro
 - critical vulnerability or bug and new version is not available on some old Unix
 - [Linux_clang_libcxx](#) is broken
 - a. Because of kdl_parser + assimp

- Chris made a list
<https://github.com/ros2/rosbag2/pull/2166#issuecomment-3299655595>
 - we have patches for mcap and zstd.
- [sloretz] Downloading example code and referencing it in our documentation instead of copying inline https://github.com/ros2/ros2_documentation/pull/5840
 - In principle LGTM, but does anyone know if there's a canonical way to import files from the internet with sphinx?
- [Miguel] Status of <https://github.com/ros2/choco-packages/pull/21>
 - [Steven!] LGTM Needs to be merged and cut to a release so we can update docs. I'll get to it today or tomorrow.

Sep 16, 2025

- ROS PMC Business
 - Tentative: Next week, vote on adding Skyler as committer. TODO: Michael Carroll
 - Katherine Scott When do we prompt people to become a committer? Do we want a tool to suggest candidates?
 - RMC as a committer?
- (Cristobal) Buildfarm update
- (mjcarroll) Waffle note-taker
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- [ROS Boss](#)
 - Audrow (Humble)
 - Yadu (Rolling)
 - Marco (Jazzy)
 - Ur regression, will fix and sync this week.
 - Scott (Kilted)
- Agenda
 - [sloretz] Downloading example code and referencing it in our documentation instead of copying inline https://github.com/ros2/ros2_documentation/pull/5840
 - In principle LGTM, but does anyone know if there's a canonical way to import files from the internet with sphinx?
 - [Miguel] Status of <https://github.com/ros2/choco-packages/pull/21>

Sep 9, 2025

- ROS PMC Business
- (Cristobal) Buildfarm update
 - [ROS Greenness](#) (red numbers now ⚠)
 - No new issues last week!
 - Thanks for the check on the issues
 - TODO: Feedback on the reports? (ping Cristobal)
- (mjcarroll) Waffle note-taker
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- ROS Boss
 - Audrow (Humble)
 - Yadu (Rolling)
 - Marco (Jazzy)
 - Sync end of the week.
 - Scott (Kilted)
 - Missed the sync last week, [rescheduled for this week](#).
- Agenda
 - Rosdistro duty
 - Debian package removed after Ubuntu Focal, should rosdep support snap? <https://github.com/ros/rosdistro/pull/47303>
 - [mjcarroll] Lyrical project board: <https://github.com/orgs/ros2/projects/70>
 - Andrew Symington – Bazel build developer release needs early testing. Release might be early next year.
 - Tentative: Next week, vote on adding Skyler as committer. TODO: Michael Carroll
 - [steven@nuclearsandwich.com] SnapD dependencies, ROS dep can support Snap but buildfarm dependencies should not. SnapD is fundamentally a different animal (e.g. language vs application level management). SnapD is sticky and dependencies tend to permeate through the system.
 - Tully we do not maintain keys for ROSDep, others are free to roll their own
 - Scott: Snap should be treated similar to PIP, but Snap is system wide unlike pip.
 - Can't is won't: script for snap deps would be rejected.
 - TL;DR: Snap Support in ROS Dep: patches accepted, not allowed in ROS dep database.

Sep 2, 2025

- ROS PMC Business

- TGC Meeting last week
 - No major updates to the roadmap
- (Cristobal) Buildfarm update
 - [ROS Greenness](#) (red numbers now )
 - August Greenness Report:
 - https://osrf.github.io/buildfarm-tools/2025/greenness_buildfarm_metrics_report_2025-08-01_to_2025-09-01.html
 - Updated [Buildfarm Issues Triage Sheet](#)
 - ROS Greenness main issues:
 - <https://github.com/osrf/buildfarm-tools/issues/171#issuecomment-3245925830>
- (mjcarroll) Waffle note-taker
 - ~~April 24 + May 1 - Michael Orlov~~
 - ~~May 8 + May 15 - Alberto~~
 - ~~May 22 + May 29 - William~~
 - ~~June 5 + June 12 - Shane~~
 - ~~June 19 + June 26 - Yadu~~
 - ~~July 3 + July 10 - Christophe~~
 - ~~July 17 + July 24 - Andrew~~
 - ~~July 31 + Aug 7 - William~~
 - ~~Aug 14 + Aug 21 - Michael Orlov~~
 - Aug 28 + Sep 4 - Kat
- (mjcarroll) Rosdistro assignments
 - ~~June 3 - June 10 - Michael + Yadu~~
 - ~~June 10 - June 17 - William + Emerson~~
 - ~~June 17 - June 24 - William + Emerson~~
 - ~~June 24 - July 1 - Tomoya + Alberto~~
 - ~~July 1 - July 8 - Michael G + Michael O~~
 - ~~July 8 - July 15 - Alejandro + Shane~~
 - ~~July 15 - July 22 - Alejandro + Shane~~
 - ~~July 22 - July 29 - Andrew + Steven!~~
 - ~~July 29 - Aug 5 - Christophe + Michael G~~
 - ~~Aug 5 - Aug 12 - Emerson + Dharini~~
 - ~~Aug 12 - Aug 19 - Steven! + Michael G~~
 - ~~Aug 19 - Aug 26 - Yadu + Tomoya~~
 - ~~Aug 26 - Sep 2 - William + Andrew~~
 - Sep 2 - Sep 9 - Scott + Shane
 - rosdistro duty
 - <https://github.com/ros/rosdistro/pull/47276#issuecomment-3245594094>
 - Rosdistro-reviewer feature request:
 - <https://github.com/ros-infrastructure/rosdistro-reviewer/issues/50>
- [ROS Boss](#)
 - Andrew (Humble)
 - No updates

- Yadu (Rolling)
 - <https://discourse.openrobotics.org/t/preparing-for-rolling-sync-2025-08-29/49788>
 - Blocked due to build error in image_pipeline which is causing perception-variant to regress.
 - Should I have write & bloom permissions on image_pipeline & other perception packages?
- Marco (Jazzy)
 - No updates
 - <https://discourse.openrobotics.org/t/any-plans-for-new-jazzy-snapshot/43554/6>
 - [Steven!] This was supposed to be automated, but it broke.
- Scott (Kilted)
 - Sync Thurs 9/4 (Announce 9/2, freeze 9/3)
- Agenda
 - [mjcarroll] Lyrical project board: <https://github.com/orgs/ros2/projects/70>

Aug 26, 2025

- ROS PMC Business
 - TGC Meeting this week
 - Status Update
 - Moving maintainership of urdfdom
 - L-turtle roadmap discussion
- (Cristobal) Buildfarm update
 - PTAL: [Buildfarm Issues Triage Sheet](#)
 - [sros2.test.sros2.commands.security.verbs.test_generate_policy_no_nodes.test_generate_policy_no_nodes failing consistently in Kilted CI](#)
- (mjcarroll) Waffle note-taker
 - ~~April 24 + May 1 - Michael Orlov~~
 - ~~May 8 + May 15 - Alberto~~
 - ~~May 22 + May 29 - William~~
 - ~~June 5 + June 12 - Shane~~
 - ~~June 19 + June 26 - Yadu~~
 - ~~July 3 + July 10 - Christophe~~
 - ~~July 17 + July 24 - Andrew~~
 - ~~July 31 + Aug 7 - William~~
 - ~~Aug 14 + Aug 21 - Michael Orlov~~
 - Aug 28 + Sep 4 - Kat
- (mjcarroll) Rosdistro assignments

- ~~○ June 3 - June 10 - Michael + Yadu~~
- ~~○ June 10 - June 17 - William + Emerson~~
- ~~○ June 17 - June 24 - William + Emerson~~
- ~~○ June 24 - July 1 - Tomoya + Alberto~~
- ~~○ July 1 - July 8 - Michael G + Michael O~~
- ~~○ July 8 - July 15 - Alejandro + Shane~~
- ~~○ July 15 - July 22 - Alejandro + Shane~~
- ~~○ July 22 - July 29 - Andrew + Steven!~~
- ~~○ July 29 - Aug 5 - Christophe + Michael G~~
- ~~○ Aug 5 - Aug 12 - Emerson + Dharini~~
- ~~○ Aug 12 - Aug 19 - Steven! + Michael G~~
- ~~○ Aug 19 - Aug 26 - Yadu + Tomoya~~
- Aug 26 - Sep 2 - William + Audrow
- rosdistro duty

■

- ROS Boss

- Audrow (Humble)
 - No updates
- Yadu (Rolling)
 - Rolling due for a sync, targeting this week
- Marco (Jazzy)
 - No updates
- Scott (Kilted)
 - Sync early next week

- Agenda

- [Christophe] Use negative indenting for access specifiers (default uncrustify config) https://github.com/ament/ament_lint/pull/555
 - This proposes changing the default uncrustify config file, which affects anyone using the default config: ROS 2 core and (probably almost all) end users
 - We can easily fix the ROS 2 core packages, but this would be a breaking change for uncrustify linter tests in end user packages that use the default config. Should we do it? This would be for Rolling only
 - We view this as a bug fix, because this is more of an oversight; we should be properly indenting access specifiers relative to the class' indentation level. Therefore, we could justify the breaking change, but this is pretty minor, so is it worth it?
 - There doesn't seem to be a way for uncrustify to accept both the current setting and the proposed setting
 - We should do a discourse post that indicates that this change happens and could potentially break the ament_lint tests.
 - [shane] recommends putting a command in the discourse post so that people know how to easily fix their code.

- Also mention that users can choose to use their own uncrustify file, this will only impact those using the default
 - [michael orlov] maybe consider backporting as well
 - It doesn't just affect the core
 - [scott] check multiple configurations as part of ament_lint and don't fail if at least one of them passes
 - Christophe to check if original contributor wants to write Discourse post and will otherwise do it
- [mjcarroll] L-turtle roadmap discussion
 - Looking for committed roadmap items from everyone for L-turtle roadmap
 - Presenting this to TGC to try to get commitments from other organizations as well
 - Things that I know about  Lyrical Work Items
 - REP 2000 version bumps for Ubuntu/RHEL
 - Infrastructure - Rust packaging work from OSRA grant
 - Documentation improvements from OSRA grant
 - Bazel integration work from Intrinsic (Andrew)
 - Protobuf interaction for ROS messages
 - Some rmw_zenoh improvements (Yadu)
 - Some rmw_fastrtps improvements (eProsima)
 - Improved monitor, recorder, and spy
 - Change name to rmw_fastdds
 - Logging improvements from Tomoya
 - Pixi work and reducing vendor packages from Alex
 - Pre-work for the Ubuntu version bump
 - Infra: support for pixi in rosdep?
 - Mainstreaming events executor
 - Landing Python Asyncio executor
 - [Statistics about the number of lost and recorded messages in Rosbag2](#) from Michael Orlov
 - Launch usability improvements (Emerson)
 - Migrating default launch syntax to XML/YAML
 - Declarative node interfaces (Emerson)
 - Structured Parameters (Janosch + GSoC)
 - Python Types (Michael Carlstrom)
 - rcl::Tensor (Nvidia)
 - Lifecycle Node - Improvement of documentation and best practices
 - (crossover from infra) Dynamic RPM generator in Bloom
 - Python package deprecations, migrating to more recent python packaging
 - Deprecations:
 - <https://packaging.python.org/en/latest/discussions/setup-py-deprecated/>

- Used here:
https://github.com/colcon/colcon-core/blob/a56aed46c3243bb74041be13501fc082277e0aa2/colcon_core/task/python/build.py#L99-L120

Aug 19, 2025

- ROS PMC Business
 - TGC Meeting next week
- (Cristobal) Buildfarm update
 - PTAL: [Buildfarm Issues Triage Sheet](#)
 - No new issues last week!
 - [Increase the timeout of extra-rmw-release jobs](#)
 - [ROS Greenness](#)
- (mjcarroll) Waffle note-taker
 - ~~April 24 + May 1 - Michael Orlov~~
 - ~~May 8 + May 15 - Alberto~~
 - ~~May 22 + May 29 - William~~
 - ~~June 5 + June 12 - Shane~~
 - ~~June 19 + June 26 - Yadu~~
 - ~~July 3 + July 10 - Christophe~~
 - ~~July 17 + July 24 - Andrew~~
 - ~~July 31 + Aug 7 - William~~
 - Aug 14 + Aug 21 - Michael Orlov
- (mjcarroll) Rosdistro assignments
 - ~~June 3 - June 10 - Michael + Yadu~~
 - ~~June 10 - June 17 - William + Emerson~~
 - ~~June 17 - June 24 - William + Emerson~~
 - ~~June 24 - July 1 - Tomoya + Alberto~~
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 - ~~July 29 - Aug 5 - Christophe + Michael G~~
 - ~~Aug 5 - Aug 12 - Emerson + Dharini~~
 - ~~Aug 12 - Aug 19 - Steven! + Michael G~~
 - Aug 19 - Aug 26 - Yadu + Tomoya
 - rosdistro duty
-
- [ROS Boss](#)
 - Audrow (Humble)
 - [Sync Done 08-15](#)
 - Yadu (Rolling)

- No updates
- Marco (Jazzy)
 - [Preparing for Sync](#) 08-14 (+ Patch)
- Scott (Kilted)
 - [Sync Done 08-13](#)
- Agenda
 - [mjcarroll] ROSCon “State of ROS” Talk
 - Inputs requested
 - [kat] Here’s how to contribute
 - [mjcarroll] Localization of ROS 2 documentation effort
 - <https://discourse.openrobotics.org/t/localization-of-ros-2-documentation/49558/10>
 - [tfoote] Kat raised good points in the thread.
 - We need to put some guardrails on. Community organized but OSRA owned.
 - Use open toolchains and the ability to use our normal build toolchains
 - [kat] this should be something that happens, but we should come up with a plan for the community to contribute languages, rather than a piecemeal approach.
 - [christophe] it should also direct users to report in a separate repo for translation issues.
 - [wjwwood] what do other projects do for internationalization?
 - [hemal] it hasn’t really come up, not to say it wouldn’t
 - [michael orlov] with google translate and other translation tools it seems better to rely on that other than human translation that will get out of sync
 - [wjwwood] Just one data point, <https://jupyterlab.readthedocs.io/en/latest/developer/internationalization.html> Jupyter uses crowdin
 - [andrew] autotranslation with human-in-the-loop diffs seems to be more effective
 - [christophe] can we add a “google translate” button to the docs
 - [mjcarroll] Feedback on packaging:
 - <https://github.com/ros/rosdistro/pull/47286#issuecomment-3184118575>
 - [mjcarroll] `rc1::tensor` (Cont’d)
 -

Aug 12, 2025

- ROS PMC Business

- None.
- (Cristobal) Buildfarm update
 - PTAL: [Buildfarm Issues Triage Sheet](#)
 - [Regression introduced in packaging by enabling rosbag2_performance_benchmarking](#) still affecting rhel
 - [\[image_transport\] Nightly test failure with rmw zenoh due to SystemDefaultsQoS assumptions](#) (Reported by Yadu)
 - [ROS Greenness](#)
 - testReport endpoints disabled temporarily in ci.ros2.org
- (mjcarroll) Waffle note-taker
 - ~~April 24 + May 1 - Michael Orlov~~
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 - ~~June 5 + June 12 - Shane~~
 - ~~June 19 + June 26 - Yadu~~
 - ~~July 3 + July 10 - Christophe~~
 - ~~July 17 + July 24 - Andrew~~
 - ~~July 31 + Aug 7 - William~~
 - Aug 14 + Aug 21 - Michael Orlov
- (mjcarroll) Rosdistro assignments
 - ~~June 3 - June 10 - Michael + Yadu~~
 - ~~June 10 - June 17 - William + Emerson~~
 - ~~June 17 - June 24 - William + Emerson~~
 - ~~June 24 - July 1 - Tomoya + Alberto~~
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 - ~~July 15 - July 22 - Alejandro + Shane~~
 - ~~July 22 - July 29 - Andrew + Steven!~~
 - ~~July 29 - Aug 5 - Christophe + Michael C~~
 - ~~Aug 5 - Aug 12 - Emerson + Dharini~~
 - Aug 12 - Aug 19 - Steven! + Michael C
 - rosdistro duty
 - (Emerson) <https://github.com/ros/rosdistro/pull/46946>
 - General question: adding `-pip`` rosdistro key for a pip version of a system-available but older package. In this case ``python3-docker-pip`` in addition to existing ``python3-docker`` key.
 - [Steven!] the best way to do this is via supplementing your rosdep sources.
 - [Emerson] https://github.com/ros2/ros2_documentation/issues/5817 logged an issue for a tutorial, and added a detailed note closing the issue

- [Scott] lets add a check:
<https://github.com/ros-infrastructure/rosdistro-reviewer/issues/48>
- (Emerson) <https://layers.openembedded.org/layerindex/api/layerItems/>
 403 errors in rosdistro PR builds
 - <https://github.com/ros/rosdistro/pull/46970>
 - <https://github.com/ros/rosdistro/pull/47214>
 - <https://github.com/ros/rosdistro/pull/47215>
 - [Scott] already disabled and we are going to leave disabled until we figure out whats going on.
- (mjcarroll)
 - https://github.com/ros/rosdistro/pull/47284#discussion_r226973488
 - [Michael Orlov] we call things vendor even if it's unconditionally building from upstream
 - [mjcarroll] I think that OMPL is being built via a package.xml file directly in the repository, where the open3d package looks to be doing a wrapper.
 - [scott] it will be in plucky going forward. Talking about it being in rhel/fedora
- [ROS Boss](#)
 - Christophe on behalf of Audrow (Humble)
 - Will probably sync next week
 - Yadu (Rolling)
 - No updates
 - Marco (Jazzy)
 - [Preparing for Sync](#) 08-14 (+ Patch)
 - Scott (Kilted)
 - [Preparing for Sync](#) 08-13
- Agenda
 - [mjcarroll] "Logging is kind of slow"
 - <https://github.com/ros2/rclcpp/issues/2928>
 - [Janosch] have seen extremely high cpu using in actions publishing feedback (30 actions in parallel with 100hz feedback)
 - [michael orlov] we don't log much in rosbag, so haven't seen it
 - [christophe] for what it's worth, we make NodeOptions' enable_rosout false by default internal
 - [mjcarroll] `rcl::tensor`
 - <https://discourse.openrobotics.org/t/native-rcl-tensor-type/49497/4>
 - [wjwwood] Have you considered using an alternative rosidl generator (that is, given a buffer of uint8, generate different C++ code for serialization/deserialization) -> type adaptation at the rmw layer?

- [hema] we could also potentially send a custom struct down the rmw layer and let the rmw make decisions about how to serialize and send

Aug 5, 2025

- ROS PMC Business
 - None.
- (Cristobal) Buildfarm update
 - PTAL: [Buildfarm Issues Triage Sheet](#)
 - [ROS Greenness](#)
 - Thanks Christophe for fixing https://github.com/ros2/ros2_tracing/issues/192 🙏
 - <https://github.com/ros2/rosbag2/issues/2103> fixed (thanks Clara)
 - <https://github.com/ros2/ci/pull/822>
- (mjcarroll) Waffle note-taker
 - ~~April 24 + May 1 - Michael Orlov~~
 - ~~May 8 + May 15 - Alberto~~
 - ~~May 22 + May 29 - William~~
 - ~~June 5 + June 12 - Shane~~
 - ~~June 19 + June 26 - Yadu~~
 - ~~July 3 + July 10 - Christophe~~
 - ~~July 17 + July 24 - Andrew~~
 - July 31 + Aug 7 - William
- (mjcarroll) Rosdistro assignments
 - ~~June 3 - June 10 - Michael + Yadu~~
 - ~~June 10 - June 17 - William + Emerson~~
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 - ~~June 24 - July 1 - Tomoya + Alberto~~
 - ~~July 1 - July 8 - Michael G + Michael O~~
 - ~~July 8 - July 15 - Alejandro + Shane~~
 - ~~July 15 - July 22 - Alejandro + Shane~~
 - ~~July 22 - July 29 - Andrew + Steven!~~
 - ~~July 29 - Aug 5 - Christophe + Michael G~~
 - Aug 5 - Aug 12 - Emerson + Dharini
 - rosdistro duty
 - (Christophe) <https://github.com/ros/rosdistro/issues/47160>
 - Fetching proprietary libs from a company's Artifactory instance?
 - (Christophe) <https://github.com/ros/rosdistro/pull/47200>
 - Name: better_launch
- [ROS Boss](#)
 - Christophe on behalf of Audrow (Humble)
 - No updates
 - Yadu (Rolling)

- Synced on Sunday
- Marco (Jazzy)
 - Patch+Sync end of week
- Scott (Kilted)
 - No updates
- Agenda
 - (Christophe) can/should we backport this to Kilted/Jazzy?
 - https://github.com/ros2/ros2_tracing/pull/185
 - It changes the LTTng tracepoint provider to be (optionally) dlopen'ed separately by libtracetools.so as opposed to directly included in [libtracetools.so](https://github.com/ros2/ros2_tracing/pull/185)
 - I personally consider this more of a new feature than a bugfix (even though it originates from a bug report). I think it's fairly contained to tracertools, but it is more complex than a simple new API.
 - -> No strong feelings either way
 - Unsure about risks
 - (Tomoya) ros2doctor enhancement: lists ROS and RMW env variable.
 - <https://github.com/ros2/ros2cli/pull/1045>
 - Should be central storage for all the environmental variables? my question is that how we can manage, maintain and collect those list not only for ros2 doctor enhancement but also for general environmental variables in ROS 2. those environmental variables are being removed and added as ROS 2 being developed, i think it would be useful to have dynamic method (APIs) to collect the available environmental variables, and the ros2 doctor can check the user configuration.
 - (Steven!) ci.ros2.org affected by increase in crawling scraping
 - Downtime / unresponsiveness over the weekend and into Monday
 - Exploring possible options to rate limit and cache at reverse proxy layer
 - May also resort to more extreme measures as needed to ensure CI remains useful and usable by ROS PMC

Jul 29, 2025

- ROS PMC Business
 - None.
- (Clara) Buildfarm update
 - Cristobal OoO for a couple of weeks, for any buildfarm related issues please ping Clara or me
 - PTAL: [Buildfarm Issues Triage Sheet](#)
 - [ROS Greenness](#)

- New issues:
 - 🐞 [Regression introduced in packaging by enabling `rosbag2\\_performance\\_benchmarking` · Issue #2103 · ros2/rosbag2 · GitHub](#)
 - [scott] is this an opportunity to look at more robust monitoring mechanisms to get hard evidence on which of the packages are eating all of the memory.
 - We should double check that other packages aren't hurting us (pretty sure that is what is happening here with `rviz_default_plugins`)
 - This could potentially be done with colcon, but not sure if the API provides really good hooks to be able to do this.
 - [morlov] Can we make a package that forces a particular package to be built sequentially rather than parallel
 - Could do a 2 phase build, but colcon itself isn't really set up to select executors based on a package other than on a dependency level. Would likely be a change in the parallel executor.
 - [scott] we could inject a virtual dependency via `colcon.pkg`
 - [andrew] Can we split up `rviz_default_plugins` to make it less huge?
 - [william] There is a bunch of `NDEBUG` stuff that is only there is release.
 - Increase in errors on [build.ros2.org](#) over the weekend due to an update to JDK on the agents.
 - Discussed on the Infra PMC this Monday, we are rolling new AMIs to patch it today and will make a permanent fix soon since this has come and bite us twice.
- (mjcarroll) Waffle note-taker
 - ~~April 24 + May 1 - Michael Orlov~~
 - ~~May 8 + May 15 - Alberto~~
 - ~~May 22 + May 29 - William~~
 - ~~June 5 + June 12 - Shane~~
 - ~~June 19 + June 26 - Yadu~~
 - ~~July 3 + July 10 - Christophe~~
 - ~~July 17 + July 24 - Andrew~~
 - July 31 + Aug 7 - William
- (mjcarroll) Rosdistro assignments
 - ~~March 18 - March 25 - Tomoya + Dharini~~
 - ~~March 25 - April 1 - Christophe + Alejandro~~
 - ~~April 1 - April 8 - Shane + Alberto~~
 - ~~April 8 - April 15 - Marco + William~~
 - ~~April 15 - April 22 - Scott + Michael~~

- ~~April 22 - April 29 - Scott + Michael~~
- ~~April 29 - May 6 - Yadu + Shane~~
- ~~May 6 - May 13 - Emerson + Christophe~~
- ~~May 13 - May 20 - William + Christophe~~
- ~~May 20 - May 27 - Tomoya + Marco~~
- ~~May 27 - June 3 - Scott + Dharini~~
- ~~June 3 - June 10 - Michael + Yadu~~
- ~~June 10 - June 17 - William + Emerson~~
- ~~June 17 - June 24 - William + Emerson~~
- ~~June 24 - July 1 - Tomoya + Alberto~~
- ~~July 1 - July 8 - Michael C + Michael O~~
- ~~July 8 - July 15 - Alejandro + Shane~~
- ~~July 15 - July 22 - Alejandro + Shane~~
- ~~July 22 - July 29 - Andrew + Steven!~~
- July 29 - Aug 5 - Christophe + Michael C
- rosdistro duty
 - phone_sensors and phone_sensors_examples
 - <https://github.com/ros/rosdistro/pull/46432>
 - Add “-bridge” to the name to indicate that it is bridging phone sensors into ros2
- [ROS Boss](#)
 - Christophe on behalf of Audrow (Humble)
 - No updates
 - Yadu (Rolling)
 - Rolling sync planned for 08/01
 - Marco (Jazzy)
 -
 - Scott (Kilted)
 - Kilted Patch 1 landed yesterday (7/28)
- Agenda
 - [Miguel] Bump asio to 1.28.1
 - <https://github.com/ros2/choco-packages/pull/21>
 - [Steven!] as long as pixi works on Windows for Jazzy, we should probably recommend that. Changing the dependency system on a released distro is kind of weird, but also **pixi** is generally better. Maybe worth a discourse post?
 - This is the asio version in the pixi.toml (which is also in Noble).
 - [waffle] Should we deprecate ros2wtf?
 - <https://github.com/ros2/ros2cli/issues/1078>
 - [mjcarroll] FYI: Writing a “role of rolling” discourse post
 - [mjcarroll] FYI: Writing a “lifecycle node” discourse post
 - [morlov] Let’s make this an RFC/design document that we can iterate on, rather than broad discussion on discourse

- [mjcarroll] FYI: Nadav is writing a post about asyncio python executors that he will want feedback on.
- [mjcarroll] L-turtle project board: <https://github.com/orgs/ros2/projects/70>
- [Scott] Cyclone flakiness
 - Flakes appeared around the freeze for kilted. With isolation, we are now only seeing these flakes in cyclone. Ros2cli, rosbag, sros2
 - We were hoping test isolation would fix it and it hasn't 😞
 - https://github.com/ros2/rmw_cyclonedds/issues/535
 - Failures seem to only happen in groups. Is there some global resource that is causing cross-talk between tests. It may still be an isolation issue, but isolating tests doesn't fix it.
 - [andrews] does this happen in sequential mode? Having one test that fails uncleanly wrecks all the tests that follow.
 - [scott] this is with per-test isolation, but it could still be a test that is corrupting some global state
 - [miguel] This could be related to xtypes, maybe worth trying to figure out how to disable xtypes in cyclone?
- [Scott] ROS 2 daemon isolation
 - We are not isolating our ros2 daemon, it's theoretically possible to have multiple sets of tests using the same daemon
 - Proposal: add an environment variable that lets you point to a specific daemon URI rather than the default
- [emerson] ROS Graph description message types, contribution welcome as proposed? https://github.com/ros2/rcl_interfaces/issues/182
 - [christophe] this is introspection info?
 - Yes
 - Is this duplication of something that we already have somewhere else?
 - [emerson] I would argue no
 - [tfoote] How would you treat authority?
 - This is intended just to be the representation. Figuring out how to populate that is a different implementation detail.

Jul 22, 2025

- ROS PMC Business
 - None.
- (Jorge) Buildfarm update
 - Cristobal OoO for a couple of weeks, for any buildfarm related issues please ping Clara or me
 - PTAL: [Buildfarm Issues Triage Sheet](#)

- [ROS Greenness](#)
- New issues:
 - Nightlies on build.ros2: [K_performance](#), [K_benchmark](#), [R_performance](#) and [R_benchmark](#) haven't been built in a while
 - Our reports pull errors out of builds, since those builds were skipped, we didn't see any problems in our reports
 - It seems the underlying problem comes from the extra-rmw jobs that have been failing:
 - [Rci_nightly-extra-rmw-release_ubuntu_noble_amd64/](#),
[Kci_nightly-extra-rmw-release_ubuntu_noble_amd64/](#)
 - It's somewhat odd, it seems those are passing the tests errors threshold, but jenkins UI tells there have been consistent time outs, I'm taking a closer look and reporting back to the ROS 2 team for help
 - (Scott) Here's the work to split the job: https://github.com/ros2/ros_buildfarm_config/pull/339
 - Consistent test failure for tf2_ros:tf2_ros_test_message_filter (timeout) on R_nightly_connext jobs, see: https://build.ros2.org/job/Rci_nightly-connext_ubuntu_noble_amd64/465/
 - Started happening 23 days ago, probably introduced with: <https://github.com/ros2/geometry2/pull/803>
 - Can someone with tf2_ros knowledge take a look?
 -
- (mjcarroll) Waffle note-taker
 - ~~April 24 + May 1 - Michael Orlov~~
 - ~~May 8 + May 15 - Alberto~~
 - ~~May 22 + May 29 - William~~
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- (mjcarroll) Rosdistro assignments
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- ~~June 10 - June 17 - William + Emerson~~
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- ~~July 8 - July 15 - Alejandro + Shane~~
- July 15 - July 22 - Alejandro + Shane
- July 22 - July 29 - Andrew + Steven!
- rosdistro duty
-
- ROS Boss
 - Christophe on behalf of Audrow (Humble)
 - Sync/patch got delayed a bit
 - Will sync to main and announce sync + patch today
 - Yadu (Rolling)
 - Sync went out last week
 - Marco (Jazzy)
 -
 - Scott (Kilted)
 - Still tracking down Boost-related failure patterns, then sync/patch
- Agenda
 - (Tomoya) Support new clock type: RCL_RAW_STEADY_TIME
 - Original issue: <https://github.com/ros2/rcutils/issues/488>
 - Required to handle slew-free clock timestamp from sensors.
 - <https://github.com/ros2/rclcpp/pull/2910>, to support `sleep` APIs, can we go ahead to implement platform specific code like `pthread\_xxx` with monotonic raw clock? Any other thoughts?
 - [Janosch] Currently the implementation in the `rclcpp` is flawed - both use the `std::monotonic` clock
 - MONOTONIC vs MONOTONIC_RAW
<https://stackoverflow.com/a/14270415>
 - MONOTONIC can change in frequency
 - William: Monotonic_raw can't be slept on. There's intentional undefined behavior in C++ steady clock so that it can use whatever can be sleeping on.
 - Michael: page says steady_time is commonly implemented on top of MONOTONIC
 - Michael: rcutils PR adds "now" function, but in theory we can't sleep on this clock
 - Miguel: Goal from original contributor is just to have timers for tagging sensor measurements accurately, they may not need to sleep
 - Janosch: Important to be able to sleep
 - William: Sleep is fuzzy anyways on non realtime systems. The only guarantee is you sleep for at least that amount. What about portability - is this even possible on Windows or MacOS? Does it have value as an

- rcutils API if it can't be used on every platform rcutils supports? Need a plan if someone asks for it, and it can't be used on that platform
- Janosch: Patch already provides now() implementation, but would need to provide a custom clock in c++ (not chrono::steady_time) that implements now() so that it can be slept on in C++. Missing an addition to the enum used by rcl_time_t
- TODO: Give feedback on portability on issue
- (Scott) Handling CMAKE_INSTALL_MODE=SYMLINK vs AMENT_CMAKE_SYMLINK_INSTALL=1
 - (scott) It's unclear how these two things will interact, and I don't know if I have enough time to dig into this.
 - Added in 3.22 - they were inspired by ament_cmake (hooray?) (Jazzy+)
 - (Shane) Interested in taking a look at it, excited about aligning with the upstream that was inspired by us.
 - Kat has been connecting with Kitware folks, could be a good connection opportunity
- (from waffle) Unify LifecycleNode and Node:
 - <https://github.com/ros2/rclcpp/issues/2874>
 - Proposal from the Issue: Make **lifecycle** a runtime-configurable thing (similar to **use_sim_time**), where unifies the compile-time interface
 - [William] Does having a lifecycle node with no meaningful transitions have it useful?
 - [Alberto] We don't have consistent, clear behavior for lifecycle to make guarantees about what you are or not allowed to do in certain lifecycle states.
 - [William] "enforcing" lifecycle means that each class will have to have transitions, which either adds a lot of boilerplate or we have "hidden" base class transitions that are no-op (and hence not very helpful)
 - [steve/william] **NodeInterfaces** helps a lot, but it's not consistently used or documented.
 - [alberto/hemal] Most things should be lifecycle nodes / non-lifecycle nodes should be the exception, not the default.
 - [mjcarroll] so why aren't people doing this now?
 - [steve] it's not known
 - [janosch] it's not particularly highlighted
 - [kat] inertia
 - [janosch] it's hard to do recovery when there are not-lifecycle nodes in the graph
 - [janosch] there is still a weakness in tooling (eg having to use the nav2 lifecycle manager)
 - [alberto]
 - lifecycle nodes are not easy!

- you have to remember to do transitions, you need to handle recoveries, etc... the fact that there's not that many examples and that the design doesn't indicate what should be done in each state makes it harder
- [andrew] Being able to directly observe the state of the node (rather than busy/wait or time-based alternatives) is very powerful when you get to systems with much larger scale. The benefits may not be observable at first.
 - Launch files can be pretty verbose when using lifecycle
- [alberto] we should definitely have guidelines on how to implement lifecycle states, but still maintain configurability to make sure that we capture the nuances.
- [yassine] Small opinion : if this will change the rcl_lifecycle then it will affect some micro-ros capability in memory usage.
- [william] should we go back and update examples to have meaningful transitions? Tell users to ignore the states transitions?
- [janosch] having the transitions provides good structure
- Not to add more to this, but for lifecycle support we also need more interfaces supported than just lifecycle publisher. Subscriptions, Services, Actions (things with callbacks) are obvious items and we're working on implementing that in Nav2 by EOY for this reason
-
-

Jul 15, 2025

- ROS PMC Business
 - None.
- (Cristobal) Buildfarm update
 - PTAL: [Buildfarm Issues Triage Sheet](#)
 - [ROS Greenness](#)
 - New issues:
 - No new issues last week!
 - Thanks Alejandro and Yadu for the fix on https://github.com/ros-perception/point_cloud_transport/issues/127
 - [Clara] Is the Windows 11 migration on deck soon? Otherwise we might decommission the machine for now and bring it back once it's necessary.
 - Michael Carroll to check the regressions and see what work is required
 - We should probably tackle this sooner rather than later.
- (mjcarroll) Waffle note-taker
 - ~~April 24 + May 1 Michael Orlov~~
 - ~~May 8 + May 15 Alberto~~

- ~~May 22 + May 29 - William~~
 - ~~June 5 + June 12 - Shane~~
 - ~~June 19 + June 26 - Yadu~~
 - ~~July 3 + July 10 - Christophe~~
 - July 17 + July 24 - Andrew
- (mjcarroll) Rosdistro assignments
 - ~~March 18 - March 25 - Tomoya + Dharini~~
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 - July 15 - July 22 - Alejandro + Shane
 - rosdistro duty
 - <https://github.com/ros/rosdistro/pull/46635>
 - Only indexing (no intent to release) package that contains closed-source lib (.a)
 - They need to clarify the license of the compiled libs
 - Ask them to add to **export** in package.xml and add a check in bloom/rosdistro-reviewer.
- [ROS Boss](#)
 - Christophe on behalf of Audrow (Humble)
 - Plan to do a patch release this week. Will probably hold on Wednesday
 - Yadu (Rolling)
 - Criteria for going ahead with Rolling sync given number and nature of regressions.
 - Pathway to automation.
 - Marco (Jazzy)
 - None.
 - Scott (Kilted)
 - Sync is blocked, too many independent regressions. I'll try to chase them down but I will be on vacation until next Tuesday.
- Agenda

- (MiguelCompany) Performance plots for rmw_zenoh
 - Initial findings [here](#)
 - We need to fix nightly-extra-rmw-release_ubuntu_noble_amd64
 - Currently timing out due to the addition of rmw_zenoh (5 hours)
 - [cottsay] Maybe use the artifacts from the normal nightly job and then rebuild a subset of packages that are interesting. Right now we are rebuilding everything and hitting the timeouts.
 - PR to ros_buildfarm_config and migrate to some overlay/underlay approach
- (from waffle) Add verb for setting a node's log level: <https://github.com/ros2/ros2cli/pull/1060>
 - Already possible with 'ros2 service call' (if service server available): do we want a separate verb for this?
 - [mjcarroll] are ros2 cli commands intended to be orthogonal or should they have aliases to be convenient
 - [shane] the ros 2 cli is intended to be user-facing, so adding convenience functions is totally fine.
 - [tully] the service call is not particularly discoverable, having a standalone verb (or sub-verb) is a lot more discoverable and maintainable
 - [janosch] don't we have one for parameter (yes!)
 - [andrew] maybe we can echo the underlying service call back to the user so that they understand that this is just an alias.
 - [christophe] this log-level setting service may not be enabled on the node in question, so there should be a nice user-friendly error message in that case.
 - [tomoya] There could be additional aliases, for example simulation time. `ros2 node use_sim_time True`
 - There is a potential that `ros2 node` could essentially have aliases for everything, which becomes a maintenance issue, it also makes it harder for maintainers to determine which is the right alias to include or not include
 - [shane] what about `ros2 log`
- (from waffle) Unify LifecycleNode and Node: <https://github.com/ros2/rclcpp/issues/2874>
 - Send email before meeting to ask members to take a look
 - Currently, `rclcpp::Node` and `rclcpp_lifecycle::LifecycleNode` are distinct classes. `LifecycleNode` offers lifecycle management features (e.g., `configure`, `activate`, `deactivate`, `cleanup` states), while `Node` does not. This leads to unnecessary friction and duplicated effort within the ROS 2 ecosystem.
 - The central idea is to introduce a unified interface with **runtime configurability** for lifecycle capabilities. This would likely be controlled by

a ROS argument or special ROS parameter, similar to `use_sim_time`, let's call it `lifecycle`.

- [cottsay] Experience is that I wanted to create nodes that are lifecycle nodes, but they lack usability features. I want to create a lifecycle node that follows typical patterns without developer intervention
 - Should we change the meaning that “lifecycle nodes” are the default, where “nodes” are bare nodes.
- [wjwwood] The original author seemed to indicate that auto-transitions would be a good first step. The use case of being a library author having to make the choice for downstream users. There are users that want the lifecycle node, there are a lot of people who are ambivalent, but don't want to deal with the overhead of doing manual transitions.
 - In terms of defaulting to lifecycle, rewriting things like talker/listener become much larger in boilerplate versus vanilla nodes.
 - Unless you are doing meaningful state transitions, is there value in using the lifecycle
- [janosch] resource usage at runtime, lifecycle nodes create 4-5 services on top of the normal.
- [shane] one pain point, library that takes `Node` as an argument was historically painful because it couldn't accept `LifecycleNode`. Now we have `NodeInterfaces` that can alleviate this, which is a comms/documentation
 - <https://github.com/ros2/rclcpp/pull/2041>
- [andrew] we augmented the node class to instrument, it was painful to template to instrument both. Changing the inheritance hierarchy could help developers.
- [alex] we are also facing this issue in `image_transport`, now we are using `rclcpp::NodeInterfaces` which allows to drop a lot of the templating. This is a good example PR showing how this works.
 - https://github.com/ros-perception/image_common/pull/352
 - Slides
https://docs.google.com/presentation/d/1bdXOOZPhR9yAnyGNxoLhuO_bU4RW5ljnzvCtrVlpe_g/edit?slide=id.g24afec4abf4_0_0#slide=id.g24afec4abf4_0_0
- [christophe] what's next after this discussion? Does anyone actually have enough time to meaningfully drive this?
-

Jul 8, 2025

- ROS PMC Business

- Nothing?
- (Cristobal) Buildfarm update
 - PTAL: [Buildfarm Issues Triage Sheet](#)
 - [ROS Greenness](#)
 - New issues:
 - No new issues last week!
- (mjcarroll) Waffle note-taker
 - ~~April 24 + May 1 - Michael Orlov~~
 - ~~May 8 + May 15 - Alberto~~
 - ~~May 22 + May 29 - William~~
 - ~~June 5 + June 12 - Shane~~
 - June 19 + June 26 - Yadu
 - July 3 + July 10 - Christophe
- (mjcarroll) Rosdistro assignments
 - ~~March 18 - March 25 - Tomoya + Dharini~~
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 - July 8 - July 15 - Alejandro + Shane
 - rosdistro duty
 -
- [ROS Boss](#)
 - Christophe on behalf of Audrow (Humble)
 - No updates (patch and sync next week)
 - Yadu (Rolling)
 -
 - Marco (Jazzy)
 - No updates
 - Scott (Kilted)
 - Sync is blocked, too many independent regressions. I'll try to chase them down but I will be on vacation until next Tuesday.
- Agenda

- [waffle] Python cryptography dep: <https://github.com/ros2/sros2/issues/347>
 - Wait for Chris or Yadu to discuss
- [Tully] This looked like something that might want a deeper look: <https://robotics.stacknewexchange.com/questions/104683/ros2-topics-still-persist-after-subscribers-publishers-go-out-of-scope>
 - Seems like an old issue, need someone to verify it's still an issue before we look further at it
- [Tully] Are people getting the Discourse notification emails that they want at the moment?
 - Kat: Context - combined multiple discourse instances into one. Discourse plan that controls how many emails we can send has changed. Old default value of sending all emails is now off. Looking at changing settings if people are unhappy
 - Christophe: Switched to using just web page, don't receive emails at all. Did like the emails, but thinks checking the page is working fine
 - Kat: I'm not a big fan of the emails
 - Steven!: As an infrequent discourse participant, I don't read posts unless someone tells me about them. This change doesn't affect people who are on discourse every day, but it will make infrequent contributors look at it even less frequently because the notifications aren't coming anymore
 - Christophe: Confused by the discourse categories at first (what is watched vs tracked). Assume others might be confused too. Recommends explaining these in a post somewhere
 - Kat: Might be helpful to have a digest that goes out (not just people with a discourse account). (several thumbs up on this)
 - David Lu: I got an email of Open Robotics Discourse summary, so that digest might already exist. (several didn't know this feature existed). I prefer emails because I can check them off and delete
 - William: Likes summary. Detailed emails can be too much on very popular threads.
 - Kat: Digest on every thread might be nice too. Don't need an e-mail per post.
- [Kat] Reminder, I need more [good community issues](#).
 - Seeking more issues: PR needing a second reviewer, smaller issue, etc
- [Christophe] Andrew's Bazel ROS integration design
 - Incorporating feedback from Intrinsic internal reviewers, will need to copy that feedback to another doc that is fully public because Workspace settings prevent sharing a doc publicly. Should add public doc to next week's agenda. Comments feedback welcome
 - William: There is a mailing list for the PMC to send out a doc

Jul 1, 2025

- ROS PMC Business
 - Funding proposals out - TGC Discussion On-going
- (Cristobal) Buildfarm update
 - PTAL: [Buildfarm Issues Triage Sheet](#)
 - [ROS Greenness](#)
 - New issues:
 - [ros2cli daemon get publishers and subscribers by topic test failing in connextdds](#)
- (mjcarroll) Waffle note-taker
 - ~~April 24 + May 1 - Michael Orlov~~
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 - July 1 - July 8 - Michael C + Michael O
 - rosdistro duty
 -
- [ROS Boss](#)
 - Christophe on behalf of Audrow (Humble)
 - No updates.
 - Yadu (Rolling)
 - Sync out.
 - Marco (Jazzy)
 - No updates.
 - Scott (Kilted)

- Announcing patch and sync this week, doing it next week
- Agenda
 - [waffle] sensor_msgs/Contact: https://github.com/ros2/common_interfaces/issues/286
 - [tully] would be nice to see a reference implementation producing/consuming this type of message before we commit to landing it in the common interfaces. Perhaps a separate test package demonstrating that it's a useful message.
 - Similar past discussion https://github.com/ros/common_msgs/issues/28
 - [waffle] Python cryptography dep: <https://github.com/ros2/sros2/issues/347>
 - [Miguel C] Add rmw_zenoh to [performance tests](#)
 - Need to make sure that we can run the tests with RMW_IMPLEMENTATION set to rmw_zenoh
 - [scott] We still have a fork of performance test, those changes need to land there as well
 - Update buildfarm_perf_test: https://github.com/ros2/buildfarm_perf_tests
 - Feature request: https://github.com/ros2/buildfarm_perf_tests/issues/115
 - [clalancette] (last-minute addition): While doing releases I've found a number of packages that are doing breaking changes. In all cases I bumped the major, but do we want to reconsider some of these?
 - rmw_dds_common removed the security functions that were moved to rmw_security_common
 - rosidl_generator_cpp removed ::to_block_style_yaml() and ::to_yaml()
 - rclpy removed deprecated classes and methods.
 - rcutils *technically* removed some internal details of logging macros (though we communicated this on Discourse).
 - rclcpp *technically* removed some internal details of logging macros (though we communicated this on Discourse).
 - (pybind11_vendor is weird, no 3.3.0 tag)
 - FYI Meson support: <https://discourse.ros.org/t/meson-project-support/44965>
 - FYI Bazel work

Jun 24, 2025

- ROS PMC Business
 - Funding proposals out - TGC Meeting Thursday
 - Proposal: Alejandro proposes to mentor Andrew Symington as a ROS PMC Committer to maintain rmw_zenoh (Article [7.8.iv](#))
 - Alejandro motions, yadu seconds, carries by consensus
 - Formal Decision: <https://github.com/ros-infrastructure/rep/pull/422> (Tomoya)
 - Tomoya motions, Chris seconds, carries by consensus
- (Jorge) Buildfarm update

- Cristobal is OoO this week, expect a bit less buildfarm coverage from the team
- PTAL: [Buildfarm Issues Triage Sheet](#)
 - FYI: there is an agent in the buildfarm running windows-2025 nightly jobs, so you will see those in the [ci.ros2.org](#) queue
 - Can I get an assignee into: https://github.com/ros2/rmw_cyclonedds/issues/535?
 - We don't have an assignee, but Scott is working on adding isolation around rmw implementations. Now proving to reviewers that this is improving the situation.
 - Not sure if isolation is 100% of the problem
 - [chris] Since may 2024 there have only been 6 commits to cyclone, it may be easy to bisect.
 - Thank you @fujitatomoya <https://github.com/ros2/ros2cli/pull/1055>, pending internal review to see whether it closes https://github.com/ros2/rmw_cyclonedds/issues/535 or not.
 - This will not close 535, it's only to address connext rmw tests
 - Sorry: <https://github.com/ros2/ros2cli/issues/1054>
 - Rqt_plot failing on https://ci.ros2.org/job/nightly_linux_repeated/3885, Jorge taking a closer look this afternoon
 - [ROS Greenness](#)
 - [ROS known issues](#)
- (mjcarroll) Waffle note-taker
 - ~~April 24 + May 1 - Michael Orlov~~
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 - ~~June 5 + June 12 - Shane~~
 - ~~June 19 + June 26 - Christophe~~
- (mjcarroll) Rosdistro assignments
 - ~~March 18 - March 25 - Tomoya + Dharini~~
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 - June 24 - July 1 - Tomoya + Alberto
 - rosdistro duty

- • [ROS Boss](#)

- Christophe on behalf of Audrow (Humble)
 - Quick sync last week
 - Yadu (Rolling)
 - Aim for rolling sync on Friday
 - Marco (Jazzy)
 - No updates.
 - Scott (Kilted)
 - Planning a sync and patch middle of next week

- Agenda

- (clalancette): <https://github.com/ros2/rcutils/pull/502> and <https://github.com/ros2/rclcpp/pull/2870>
 - Approved, going to merge soon
 - Note that it *technically* changes API (I removed some macros), but breakage should be minimal.
 - Post to discourse with list of macros removed
 - Put a gist somewhere with local replacements
 - If it is OK with everyone (Yadu especially), I'm going to do releases of the core packages once those are merged.
 - There is at least one follow-up PR to that to make things more consistent (fmt string).
 - (yadu): PR https://github.com/ros2/rmw_zenoh/pull/679 and others from the same contributor attribute copyright for new files to themselves.
 - License is still Apache 2.0.
 - <https://www.apache.org/licenses/LICENSE-2.0#apply>
 - There is some precedent for this in other parts of the stack https://github.com/ros2/rclcpp/blob/5beec9e32b9ad8b0f0e872ea7e548e942d85e5dd/rclcpp/include/rclcpp/detail/resolve_enable_topic_statistics.hpp#L1
 - Is this okay or do we want them to attribute new files to OSRF?
 - Going forward we should not be putting all rights reserved
 - [mjcarroll to ask] Defer to OSRA/OSRF on what we should do with existing files where that appears.
 - (mjcarroll) https://github.com/ros2/common_interfaces/pull/287
 - We should add a new message type next to Mesh, something like `ColoredMesh` `ColorizedMesh` `MeshWithColor`
 - (clalancette): <https://github.com/ros-infrastructure/rep/pull/419>
 - (if we have time)
 - Add back in OpenEmbedded, it is helpful to have and community goodwill
 - Add in brief description of Tiers in the table

Jun 17, 2025

- ROS PMC Business
 - Funding proposals work in progress.
 - Proposal: Alejandro proposes to mentor Andrew Symington as a ROS PMC Committer to maintain `rmw_zenoh` (Article [7.8.iv](#))
 - Sent it email -> to be voted on next week
- (Cristobal) Buildfarm update
 - PTAL: [Buildfarm Issues Triage Sheet](#)
 - [ROS Greenness](#)
 - [ROS known issues](#)
- (mjcarroll) Waffle note-taker
 - ~~April 24 + May 1 - Michael Orlov~~
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- (mjcarroll) Rosdistro assignments
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 - June 17 - June 24 - William + Emerson
 - rosdistro duty
 -
- [ROS Boss](#)
 - Christophe on behalf of Audrow (Humble)
 - Synced last week
 - Request from Steve to release & sync `geometry_msgs` (https://github.com/ros2/common_interfaces/issues/285)
 - Release and fast follow-up sync
 - Yadu (Rolling)

- Big rolling sync last week, quiet this week
 - Marco (Jazzy)
 - No updates.
 - Scott (Kilted)
 - Sync yesterday
 - [ahcorde] 2 PRs in ros2/ros2 to fix urdfdom
- Agenda
 - [mjcarroll] Kilted Retrospective
 - Start
 - TGC Collective PR push - ala Kilted Kudos so that we can highlight more features
 - Release the Beta images to the public repositories so that we can test on the public URL as well as prebuild official docker images ahead of time.
 - Be careful about deprecating something in Rolling right before the Lyrical release and then immediately removing it in Rolling after the release. For Rolling packages/users, that's quite disruptive, as we've seen with the `ament_target_dependencies` removal.
 - Stop
 - Stop non-LTS releases??? Or start discussing it.
 - Continue
 - Nothing? Everything?
 - [mjcarroll]  Lyrical Work Items
 - [tfoote] TGC SIG on Physical AI under proposal - Call for Participants
 - To create standards that are robust, practical, and truly useful, the SIG is building a team with a diverse range of expertise. The success of this initiative hinges on bringing together specialists from across the robotics and AI landscape. Recruitment is active for members with experience in:
 - Specific Robotics Domains (humanoids, mobile bases, manipulators, etc.)
 - Core ROS Technologies (`ros2_control`, Navigation, transforms, `roslaunch`)
 - Modern AI and Physical AI Frameworks
 - Members will play a crucial role not just in executing projects, but in setting the SIG's priorities and shaping the technical roadmap itself.
 - While this SIG was initiated by members of the Technical Governance Committee (TGC), it is a community-wide effort designed to be driven by its members. Interested individuals with relevant experience are strongly encouraged to join and lend their voice to this important initiative.
 - This committee will be focused on driving standards and is expected to be hands on with about 8 hours of work per month including two meetings and asynchronous follow up work.
 - If you would like to participate please contact Tully Foote via email or message on Discourse

- To confirm your interest, email Tully with the following:
 - Your background related to the SIG (under 200 words)
 - A summary of your key areas of interest in this SIG (under 200 words)
 - Your desirable outcomes for the SIG (under 200 words)
- [Separate Zoom] Funding Proposals

Jun 10, 2025

- ROS PMC Business
 - Funding proposals work in progress.
- (Cristobal) Buildfarm update
 - PTAL: [Buildfarm Issues Triage Sheet](#)
 - New issue:
 - [rmw_connextdds support message making ROS2 CLI tests fail](#)
- (mjcarroll) Waffle note-taker
 - ~~April 24 + May 1 - Michael Orlov~~
 - ~~May 8 + May 15 - Alberto~~
 - ~~May 22 + May 29 - William~~
 - June 5 + June 12 - Shane
- (mjcarroll) Rosdistro assignments
 - ~~March 18 - March 25 - Tomoya + Dharini~~
 - ~~March 25 - April 1 - Christophe + Alejandro~~
 - ~~April 1 - April 8 - Shane + Alberto~~
 - ~~April 8 - April 15 - Marco + William~~
 - ~~April 15 - April 22 - Scott + Michael~~
 - ~~April 22 - April 29 - Scott + Michael~~
 - ~~April 29 - May 6 - Yadu + Shane~~
 - ~~May 6 - May 13 - Emerson + Christophe~~
 - ~~May 13 - May 20 - William + Christophe~~
 - ~~May 20 - May 27 - Tomoya + Marco~~
 - ~~May 27 - June 3 - Scott + Dharini~~
 - ~~June 3 - June 10 - Michael + Yadu~~
 - June 10 - June 17 - William + Emerson
 - rosdistro duty
 - Seems like everyone decided to bloom packages last week!
 - Naming contention
 - rtest : <https://github.com/ros/rosdistro/pull/46380>
 - But looks like we are good on that!
 - lms1xx: <https://github.com/ros/rosdistro/pull/46387>
 - I stand by sick_lms1xx_driver or clearpath_lms1xx_drive

- [tully] This package can be considered grandfathered in at this point
- [ROS Boss](#)
 - Christophe on behalf of Audrow (Humble)
 - Sync this week, probably holding tomorrow and syncing on Friday
 - Yadu (Rolling)
 - Finally got the [sync](#) out!
 - Marco (Jazzy)
 - No updates.
 - Scott (Kilted)
 - Sync this week, probably Friday, patch on the next sync
- Agenda
 - [yadu] PSA for folks blooming breaking changes into Rolling
 - Let's give the community ample time to process deprecation warnings
 - Make a **discourse post** announcing the future breaking change and a **migration guide** for users.
 - Changes made to unblock sync:
 - Reverted geometry2 bump on rosdistro that removes deprecated headers.
 - Reverted src change in ament_cmake that removed ament_target_dependencies and bloomed a new release.
 - Left message_filters as is. Only velodyne_pointcloud package is affected.
 - [alejandro] There are many effectively unmaintained packages in rolling. They still exist in the buildfarm, but aren't necessarily keeping up with deprecations or changes. ament_target_dependencies may have been a little fast, but the geometry changes have been deprecated for quite some time.
 - [mjcarroll] Should we consider pruning rolling?
 - [Steven!] It's within the domain of the rolling ros boss to remove packages that are not working. It was created to let maintainers be hands-off,.
 - [Tully] historically if things are not building, then we remove them from the sync, a bloom release can fix it.
 - [alex] moveit is completely broken because of the ament_target_dependencies change.
 - [Chris] this may be a place to apply some automation
 - [mjcarroll] is this not excessive burden on the ros rolling rosboss?
 - [alex] maintainers want to keep a single branch across a large group of releases, which is problematic and not necessarily in line with the best practices
 - [shane] i don't know if we culturally can change this

- [chris] you can absolutely maintain in a single branch, but it does take some additional work
 - [shane] If we want to try a time-based approach, we can try it with ament_target_dependencies
 - Branching docs: <https://docs.ros.org/en/kilted/The-ROS2-Project/Contributing/Developer-Guide.html#branches>
 - [andrew] should we be louder about not using rolling
- [yadu] rmw_zenoh
 - Will bloom new releases for Rolling, Kilted & Jazzy after Zenoh 1.4 bump
 - Will make a special announcement about wire breaking changes for Jazzy from backport that we will re-release now that the OpenCV bin picking challenge has concluded.
- [Steven!] ros2-gbp organization maintenance
 - The ros2-gbp organization is managed with terraform in order to scale and standardize release repository access requests. The terraform setup is relatively straightforward but it is not a tool that's familiar or used elsewhere within the ROS community and it's an extra step in the process of getting packages released into the ROS repositories.
 - Additionally, it's an extra maintenance step for the ROS PMC to manage beyond basic rosdistro duties.
 - The current terraform setup was always intended to be a stepping stone toward using terraform for more integrated ROSdistro configuration. Since I'll be stepping down at the end of the year, I would rather use the time to build that integration up rather than hand off the status quo to a new rotation of maintainers.
 - Two "default" plan possibilities:
 - we'll decommission and archive the terraform configuration and let the ros2-gbp admins manually maintain repository permissions in the organization.
 - We hand maintenance of ros2-gbp-github-org over as part of rosdistro rotation with support from infrastructure when the deployment fails.
 - <https://github.com/ros2-gbp/ros2-gbp-github-org>
 - [tully] advocate that we embed this in rosdistro and automate from there
 - If we list maintainers in the release stanza, it makes it very clear who owns what. Centralizing the information makes things more automate-able and auditable
 - [steven!] consider the ros2 team, how do we maintain that. 3p projects have a single team as well, are we intending to maintain teams?
- [k-yokoyama] Change of personnel and takeover of REP-2017
 - <https://github.com/ros-infrastructure/rep/pull/385>
 - Resuming the halted review

- No major issues are recognized. We'd like to continue our approval activities regarding this PR.
 - Merge the updated differences of rcl, rcutils, etc. and confirm that the source code can be followed
- [Emersonknapp] only if there is some time, not urgent. Call attention to https://github.com/emersonknapp/launch_py, this bad or good idea? Works for many things if you want to try it, not feature complete
- [mjcarroll] Hardcoding logging macros in `rcutils`: <https://github.com/ros2/rcutils/pull/502>
-

Jun 3, 2025

- ROS PMC Business
 - Funding proposals work in progress. Agenda item below.
- (Cristobal) Buildfarm update
 - PTAL: [Buildfarm Issues Triage Sheet](#)
 - “New” issue: [RecordIntegrationTestFixture.can record again after stop test is tend to be flaky](#)
 - Discussed at client library working group
 - Likely we can add a `Subscriber::disableCallbacks`
 - No new issues last week
 - (time spent in cleaning internal issues)
- (Clara) Key expiration June 1st
 - Tracking any pending update/missed standalone key.
 - [build.ros2.org](#) should be working as expected
 - [build.ros.org](#) work getting finished today (RIP Noetic)
- (mjcarroll) Waffle note-taker
 - ~~April 24 + May 1 - Michael Orlov~~
 - ~~May 8 + May 15 - Alberto~~
 - ~~May 22 + May 29 - William~~
 - June 5 + June 12 - Shane
- (mjcarroll) Rosdistro assignments
 - ~~March 18 - March 25 - Tomoya + Dharini~~
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 - ~~May 6 - May 13 - Emerson + Christophe~~
 - ~~May 13 - May 20 - William + Christophe~~
 - ~~May 20 - May 27 - Tomoya + Marco~~

- ~~May 27 - June 3 - Scott + Dharini~~
 - June 3- June 10 - Michael + Yadu
- ROS Boss
 - Christophe on behalf of Audrow (Humble)
 - Will probably sync next week at the latest
 - Shane (Noetic)
 - It's end-of-life.
 - Yadu (Rolling)
 - Sync pending.
 - Rrel_reconfigure job failing due to circular dependency -> we should apply the patch we implemented for Kilted to prevent this from happening.
 - https://build.ros2.org/job/Rrel_reconfigure-jobs/
 - Add a [feature request for this in rosdistro reviewer](#)
 - Failing due to rosidlcpp
 - Reverting release <https://github.com/ros/rosdistro/pull/46295>
 - Marco (Jazzy)
 - No updates.
 - Scott (Kilted)
 - Sync next week
- Agenda
 - [mjcarroll] PSA: Many of us are reviewing ROSCon proposals over the next two weeks.
 - [mjcarroll] OSRA funding proposals:
 - L-turtle vision and strategy document:
 - 📖 ROS 2 Lyrical Luth: Vision and Strategy
 - L-turtle features document: 📖 ROS L-Turtle Planning
 - Current proposal topic areas:
 - [large] Documentation Information Architecture
 - Currently our documentation doesn't consistently surface correctly and is difficult to navigate/index. Take a look at improving this from an architecture and SEO perspective. Also include some perspective on architecting for RAG/LLM
 - [large] Refine documentation with an emphasis on end-to-end journeys
 - Pick a journey (manipulation or mobile bases) and ensure that documentation is consistent to follow from first principles up to a deployed robot configuration.
 - Consider: running a variant in simulation + interacting with some model hobby-ready platform
 - [small/medium] Revive macOS as a tier 2-3 platform via pixi/conda.
 - [small/medium] ROS 2 kill

- Add facilities for introspecting and killing running nodes in the ROS graph.
- [mjcarroll] Kilted release retrospective
 - Insufficient responses, I'm going to send to the mailing list to gather more input before we do this
- [emerson] Ad-hoc patch releases on core packages allowed? (launch @ humble patch desired for some good backports)
 - Bloom patch bumps are always available, then ROS boss will sync
 - You can request a sync as well.
 - [emerson] I have insufficient permissions
- [emerson] Quick discussion "launch dry-run", just want to throw idea out there and get some pointers on feasibility if e.g. William is also attending today
 - Introspecting launch files and getting a graph visualization (linkedin: Kenji)
 - https://github.com/ijnek/launch_graph
 - [christophe] It's impossible to know without actually running the launch file
 - [william] It's designed to be introspectable, we set out to make it easier, but we also expanded what people are able to do via launch
 - Events are going to be difficult as you essentially created the halting problem
- [sloretz] How is ci.ros.org working for you?
 - Scott brought this up recently. We have federated packages, but we pay the cost of testing them like a monorepo
 - Advantages
 - ci.ros2.org tests downstream changes, sort of like a prerelease test in ROS 1, but to all changes to ROS PMC managed repos before they get merged
 - ci.ros2.org tests linux arm, RHEL, and windows
 - Disadvantages
 - It takes a long time to build and test everything from source
 - Contributors need to wait for someone to trigger CI before they get feedback
 - Often a backlog of jobs, so it takes a while for jobs to start
 - The process is different from the rest of the ROS community, meaning we don't experience the same struggles as the community at large
 - [tfoote] We had robust prerelease tests in ROS 1 which we used heavily. In ROS 2 early development we weren't stable enough to use yet when we didn't even have a distro. We could revive those. With downstream testing, dependencies installed from binary. The biggest challenge is that we need to bring Windows support. Prerelease jobs on the farm are also reproducible locally with docker for individual development as well as personal CI.
 - Mjcarroll - prerelease packages were much more selective about what packages were tested - maybe need to reevaluate what the ROS core is.

Many packages where community maintainers weren't ready to adopt ROS 2, so OSRC team adopted them, but where should the line be? Rclcpp and rclpy? It's

- Wjwwood autostart CI and ccache. Even the easiest way to start the CI is way more work than any other CI solution. Reducing ros2 repos file, testing less stuff, I don't use the PR jobs because I can't be sure with those that the changes won't break something. It takes a long time to make changes and then find out something like RViz is broken. It's important that we know if RViz breaks, ideally before a release.
- Slorete - how often do we need to know if we break RViz, is nightly enough
- William: I'd still test changes to rclcpp against RViz to make up for that gap. It's a lot of work to revert pull requests. I'd prefer changes to infrastructure than to developers. Maybe sufficient to test nightlies, but not desirable
- Scott: Problem is not building RViz, it's that we're rebuilding rviz_ogre_vendor. It's a constraint of our CI design. Want to see a solution like specifying a list of other packages that are to be used like integration tests (rviz_common, rviz_default_plugins, etc) and those would get built and tested. Stop trying to build and test unnecessary stuff. There's a burden on the maintainers to choose per-changes what needs to be tested. That decision should be made, documented, recorded. Not made for every PR. Too easy to make mistakes in running CI. Standard jobs should be automatic, cover 90% of PRs, and not require maintainers to manually craft lists of packages to test.

May 27, 2025

- ROS PMC Business
 - Formal decision: REP-2000: Update version of RTI Connex DDS for Kilted to 7.3.0
 - <https://github.com/ros-infrastructure/rep/pull/420>
 - Christophe moves
 - Scott seconds
 - Passed by consensus
 - Formal decision: REP-2000: Update Rolling to point to Kilted Kaiju
 - <https://github.com/ros-infrastructure/rep/pull/421>
 - Christophe moves
 - Shane seconds
 - Passed by consensus
 - Formal decision: Yadu proposes to mentor Julian Enoch as a ROS PMC Committer to maintain rmw_zenoh (Article [7.8.iv](#))
 - Alejandro moves

- Yadu seconds
 - Passed by consensus
- Formal decision: Yadu proposes to mentor YuYuan as a ROS PMC Committer to maintain rmw_zenoh (Article [7.8.iv](#))
 - Yadu moves
 - Alejandro seconds
 - Passed by consensus
- (Cristobal) Buildfarm update
 - PTAL: [Buildfarm Issues Triage Sheet](#)
 - High priority issues:
 - [rmw_cyclonedds_cpp: ddsi_xt_type_init_impl with invalid type object error in Linux](#)
 - “New” issue: [RecordIntegrationTestFixture.can record again after stop test is tend to be flaky](#)
 - Add to client library working group agenda for Friday
- (mjcarroll) Waffle note-taker
 - ~~April 24 + May 1 - Michael Orlov~~
 - ~~May 8 + May 15 - Alberto~~
 - May 22 + May 29 - William
- (mjcarroll) Rosdistro assignments
 - ~~March 18 - March 25 - Tomoya + Dharini~~
 - ~~March 25 - April 1 - Christophe + Alejandro~~
 - ~~April 1 - April 8 - Shane + Alberto~~
 - ~~April 8 - April 15 - Marco + William~~
 - ~~April 15 - April 22 - Scott + Michael~~
 - ~~April 22 - April 29 - Scott + Michael~~
 - ~~April 29 - May 6 - Yadu + Shane~~
 - ~~May 6 - May 13 - Emerson + Christophe~~
 - ~~May 13 - May 20 - William + Christophe~~
 - ~~May 20 - May 27 - Tomoya + Marco~~
 - May 27 - June 3 - Scott + Dharini
- [ROS Boss](#)
 - Christophe on behalf of Audrow (Humble)
 - No updates.
 - Shane (Noetic)
 - Final sync freeze
 - Final sync Thursday
 - Everything marked end-of-life on Saturday
 - Yadu (Rolling)
 - No updates.
 - (Tomoya) source build is broken.
 - <https://github.com/ros2/ros2/issues/1693>
 - Fix: <https://github.com/ros/rosdistro/pull/46057>
 - Rolling sync - this week

- Marco (Jazzy)
 - No updates.
- Scott (Kilted)
 - No updates.
- Agenda
 - [Christophe / Tomoya] https://github.com/ros2/ros2_documentation/pull/5414
 - Code block enforcement rule. Use `console` but `bash`.
 - [mjcarroll] [Kilted release retrospective](#)
 - [mjcarroll] <https://discourse.ros.org/t/update-rep-2017-prototype-and-executor-using-os-native-threads/43457>
 - [ahcorde] Reminder image transport https://github.com/ros-perception/image_common/pull/352
 - [Christophe] GSoC contributor introduction: Shravan (@ShravanDeva5327)

May 20, 2025

- ROS PMC Business
 - No updates.
- (Cristobal) Buildfarm update
 - PTAL: [Buildfarm Issues Triage Sheet](#)
 - High priority issues:
 - [rmw_cyclonedds_cpp: ddsi_xt_type_init_impl with invalid type object error in Linux](#)
 - Downstream issue [ros2node.ros2node.test failing in linux CI](#) - ([Slack Thread](#))
 - Domain isolation might not work correctly
 - Start using `rmw\_test\_fixture`
 - [Fatal Python error: Aborted in multiple downstream packages](#)
 - Mostly happening in coverage jobs
 - Coverage jobs have been failing for some time. Are we taking a look at them? Should we disable them?
 - Mjcarroll assigned
 - Disable coverage CI temporarily, until this issue is resolved.
- (mjcarroll) Waffle note-taker
 - ~~April 24 + May 1 - Michael Orlov~~
 - ~~May 8 + May 15 - Alberto~~
 - May 22 + May 29 - William
- (mjcarroll) Rosdistro assignments
 - ~~March 18 - March 25 - Tomoya + Dharini~~
 - ~~March 25 - April 1 - Christophe + Alejandro~~

- ~~April 1 - April 8 - Shane + Alberto~~
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- ~~April 15 - April 22 - Scott + Michael~~
- ~~April 22 - April 29 - Scott + Michael~~
- ~~April 29 - May 6 - Yadu + Shane~~
- ~~May 6 - May 13 - Emerson + Christophe~~
- ~~May 13 - May 20 - William + Christophe~~
- May 20 - May 27 - Tomoya + Marco
- [ROS Boss](#)
 - Christophe on behalf of Audrow (Humble)
 - Synced last week
 - Shane (Noetic)
 - Final sync freeze
 - Only taking releases that fix regressions
 - One more regression in dynamic_reconfigure
 - Jsk_3rdparty
 - Last sync out on May 29th and then rosdistro end of life.
 - Yadu (Rolling)
 - No updates.
 - Marco (Jazzy)
 - Running a sync this week.
 - Scott (Kilted)
 - Entering final freeze today
 - Ros_tutorials needs a release
- Agenda
 - L-turtle naming (separate meeting)
 - [Janosch]
 - ROS_LOCALHOST_ONLY was removed and deprecated before jazzy, and with kilted all checks that warned you, that you use an outdated feature were also removed. The problem that I see now, is that about every stackoverflow post, and chatgpt tell you to use ROS_LOCALHOST_ONLY and that a user has no way any more to figure out that setting the env variable does nothing. I therefore propose, to keep warnings on outdated env variables basically forever in the client libraries

May 13, 2025

- ROS PMC Business
 -
- (Cristobal) Buildfarm update
 - PTAL: [Buildfarm Issues Triage Sheet](#)
- (mjcarroll) Waffle note-taker
 - ~~April 24 + May 1 - Michael Orlov~~

- May 8 + May 15 - Alberto
- (mjcarroll) Rosdistro assignments
 - ~~March 18 - March 25 - Tomoya + Dharini~~
 - ~~March 25 - April 1 - Christophe + Alejandro~~
 - ~~April 1 - April 8 - Shane + Alberto~~
 - ~~April 8 - April 15 - Marco + William~~
 - ~~April 15 - April 22 - Scott + Michael~~
 - ~~April 22 - April 29 - Scott + Michael~~
 - ~~April 29 - May 6 - Yadu + Shane~~
 - ~~May 6 - May 13 - Emerson + Christophe~~
 - May 13 - May 20 - William + Christophe
 - Outgoing Rosdistro Topic
 - [emerson] “internal development” e.g. <https://github.com/ros/rosdistro/pull/45263> - are rosdistro rotation expected to review? Should there be a special label for it?
 - [mjcarroll] lets add a label here other than “persistent”
 - [emerson] <https://github.com/ros/rosdistro/pull/45674> uses FSFAP for some non-source files, which is not in the OSI search list we specify but has SPDX and seems like a non-issue... can we merge it?
 - They are following <https://reuse.software/spec-3.3/>, is this something we’ve looked into for machine-readable licensing info? Would allow for automated checking around some of these projects
 - Open issue on rosdistro to continue this conversation
 - [Steven!] There are many good non-OSI licenses, we explicitly do not use them because we are using OSI as our legal review body.
- [ROS Boss](#)
 - Christophe on behalf of Audrow (Humble)
 - Sync this week, probably holding starting Wed 14th
 - Some regressions (TBD)
 - Shane (Noetic)
 - Second to last Noetic sync this week
 - Immediately after, Freeze for last sync
 - During last freeze, only merge PRs if they fix regressions
 - No new packages
 - No new features
 - Yadu (Rolling)
 - No updates.
 - Marco (Jazzy)
 - No updates.
 - Scott (Kilted)
 - Testing and Tutorial Party, 5/1 - 5/15
 - Closed 520/563 (92%)
 - Of the remaining 45 tickets:

- 30 (70%) are Windows
 - 4 are RHEL
 - 3 are Zenoh
- Some issues worth calling out:
 - FastDDS debians were built without security
 - Fixed as of 5/8 16:00 Pacific
 - GurumDDS is still broken, but now only requires a tag/release
 - [tomoya] rmw_connextdds does not work for `ros2 param list`, https://github.com/ros2/rmw_connextdds/issues/191, i am not sure what exactly goes wrong with connextdds, but RTI guys are looking at the issue.
- [kat] next week lets pull statistics and send them to Vanessa (5/22 ish)
- Bug fixes only for all core packages, please tag Scott Logan on any PRs targeting **kilted**
- Distro freeze on 5/19
- Release on 5/23
- Agenda
 - [yadu] Adding [Julien Enoch](#) and [YuYuan](#) as maintainers of rmw_zenoh
 - Do they need to be voted in as committers since it's a repo in the ros2 org?
 - [mjcarroll] will send formal announcement for on-boarding them as committers
 - [ahcorde] image transport
 - Break API due lifecycle changes
 - Related PR (looking for feedback)
https://github.com/ros-perception/image_common/pull/352
 - [mjcarroll] who would this break?
 - [alex] everyone
 - [janosch] can we have a deprecation cycle
 - [alex] the structure makes it difficult to find a way to do it, we haven't found a way to do it yet.
 - [mjcarroll] [OSRF Adopts Policy on Use of Generative AI in Contributions](#)
 - The OSRF allows the use of Generative AI tools in contributions (code, docs, etc.) but contributors are responsible for:
 - Understanding the tools and their limitations.
 - Ensuring the output is high-quality, original, and doesn't violate copyright.
 - Clearly disclosing the use of AI tools in their contributions.
 - Verifying the accuracy and appropriateness of AI-generated content.
 - Basically, use AI responsibly, be transparent, and make sure your contributions are still top-notch!

- [tomoya] Generative AI policy to issue/pr template
 - <https://github.com/ros2/.github/pull/9>
 - https://github.com/ros2/ros2_documentation/pull/5614
- [tomoya] GSoC Contributor Introduction (Michael Carlstrom)
 - Welcome! and we are gonna work on **ros2doctor improvement project**
- [mjcarroll] L-turtle project board: <https://github.com/orgs/ros2/projects/70>
- [mjcarroll] OSRA funding requests
 - Proposals are due ~end of this month
 - Currently no maximum budget defined
 - Propose in terms of need (software engineer, tech writer) and scope in terms of FTE (0.5 FTE for 3 months, etc).
 - I'm thinking:
 - Fixing documentation organization and SEO topics
 - Scoping a few of the L-turtle roadmap items that we have discussed
 -  ROS L-Turtle Planning
 - Bounties for smaller L-turtle items and pain points.
 - [mjcarroll] who would be interested in writing proposals and scopes for requesting funding
 - DLu, Kat
- [cottsay] Dependency scoping regression in colcon-core
 - <https://github.com/colcon/colcon-core/pull/693>

May 6, 2025

- ROS PMC Business
 - (Christophe) Formal decision: REP 2000 PR to list Jammy as a tier 3 platform for Jazzy: <https://github.com/ros-infrastructure/rep/pull/413>
 - Motion: Christophe, Scott: Second
 - Passed by consensus
 - (Christophe) Formal decision: proposing to promote Emerson to PMC member now that the mentorship period (starting March 18th, 2025) has ended (Article 6.1.iv)
 - Motion: Christophe, William: Second
 - Passed by consensus
- (Cristobal) Buildfarm update
 - PTAL: [Buildfarm Issues Triage Sheet](#)
 - (ahcorde): Many issues with linux worker turnover

- (clara) Please let buildfarmers know when you see issues like this. Adding RHEL to the pool without adding more agents keeps the queues a lot more full.
 - (steven!) traditionally you would pay more for CI to accelerate developers, we are under different constraints and it's hard to measure if we are over/under provisioning CI.
 - Maybe scale up for fixed known bigger workloads
 - Testing auto-scaling with Gazebo
 - (mjcarroll): Has anybody checked the arm64 builds against jetson/rpi
- (mjcarroll) Waffle note-taker
 - ~~April 24 + May 1 - Michael Orlov~~
 - May 8 + May 15 - Alberto
- (mjcarroll) Rosdistro assignments
 - ~~March 18 - March 25 - Tomoya + Dharini~~
 - ~~March 25 - April 1 - Christophe + Alejandro~~
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 - ~~April 8 - April 15 - Marco + William~~
 - ~~April 15 - April 22 - Scott + Michael~~
 - ~~April 22 - April 29 - Scott + Michael~~
 - ~~April 29 - May 6 - Yadu + Shane~~
 - May 6 - May 13 - Emerson + Christophe
 - Outgoing Rosdistro Topics
 - If an issue is marked "changes requested" or "more information needed", who is responsible for the follow-up? The person who marked or the person on duty?
 - [steven!] In general, we should accept that the current people on duty have authority to follow-up. In special naming conversations, maybe there should be a follow-up
 - [emerson] it's easy to forget when you are off-duty. The on-duty person should do it.
- [ROS Boss](#)
 - Audrow (Humble)
 - Headed on pat leave, Christophe to provide backup
 - Shane (Noetic)
 - Sync this week. Freeze starts today. (3rd to last)
 - Yadu (Rolling)
 - No updates.
 - Marco (Jazzy)
 - Patch sync went out last wednesday (with reverted zenoh changes).
 - Scott (Kilted)
 - Testing and Tutorial Party, 5/1 - 5/15
 - Closed 350/563 tickets, ~62%
 - Some issues worth calling out:
 - [RViz crash](#)

- Needs new binary archives
 - [Connex absent from deps](#)
 - Connex is still absent from arm64 archive
 - Candidate for PMC vote to rep 2000. Arm64 is now supported on connex, but we exclude it on arm64
 - By default we install connex via their commercial binaries, we don't have the equivalent for arm64, there are some changes that need to be made to target the deps rather than the web installer.
 - Leave things as they are, close those issues on tutorial party. Make sure that leaving them there doesn't break other things.
 - GurumDDS is still not working
 - License
- Missing source/noble
 - [tully] removed because this is the "default" development environment.
- Agenda
 - [mjcarroll] Nav2 is missing from kilted (also from rolling)
 - <https://discourse.ros.org/t/rfi-would-you-use-nav2-rolling-binaries/37490>
 - [davidlu] New common interface message proposals:
 - **Result.msg**: https://github.com/ros2/common_interfaces/pull/279
 - [tully] this is a pattern that we have been seeing in ROS 2.
 - Because we are transport independent, we can't depend on the transport having the ability to do return codes/errors
 - [janosch] these seem (gazebo) simulation specific
 - [david] intended for more iteration/feedback
 - [mjcarroll] nav2 has a similar pattern
 - **Bounds.msg**: https://github.com/ros2/common_interfaces/pull/278
 - Feel free to comment and we'll get feedback in.
 - [hemalshah] All nodes as lifecycle nodes in L-turtle:
 - <https://discourse.ros.org/t/all-nodes-as-lifecycle-nodes/43559>
 - Mixing them can be kind of a pain and many frameworks have similar patterns
 - [janosch] I like the idea and it will break many people's code.
 - Some experience from doing this in another framework, there may be blowback in the migration/transition.
 - [hemal] is it the right thing to do for robotics systems? (probably yes) maybe we could do a way to shim it to get the same behavior
 - [michael orlov] Lifecycle nodes have more publishers and subscribers and increase memory usage. Use them where we need them but not everywhere
 - [tomoya] same

- [shane] Remember the original implementation took into account the resource usage (include what you use was a philosophy in early ROS 2 days)
 - Two distinct uses of lifecycle node: external control for deterministic bringup, second case as a notification. Perhaps consider which of these is more relevant for the “default” behavior.
- [william] It may not be appropriate for every part of the system. For CLI and quick scripts, is it appropriate? There was a preference for different name/different behavior. Also gives latitude to create nodes based on the base node components, lifecycle being one example of that.
 - Lifecycle needs to also be “used” to be effectively different
- [emerson] maintenance perspective: divergence/duplication between node and lifecycle node. It would be easier to have lifecycle as a codepath rather than a different object entirely (similar to use_sim_time)
- [yadu] Configurable via NodeOptions. Codepath to enable for users who want it. (compile time switch rather than a run-time switch)
- [hemal] I’m arguing that this should be a first class concept in ROS 2.
- [shane] The person who cares if a node is lifecycle or not is the system integrator, but the node author is the one who should decide if a node is lifecycle node or not.
- Pixi workflow enhancements:
 - <https://github.com/ros2/ros2/issues/1675>
- Central location for rosdistro status?
 - Doesn’t have to be this, but sheets + API feels easy: ➤ Rosdistro Status
 - [christophe] if it’s guaranteed to be updated, makes sense
 - [scott] I hate another system, github + sheets to patch a hole.
 - Comment @github bot on ros2/ros2 + github automation
 - [tfoote] yaml file in the root of rosdistro
 - [shane] distribution yaml file is what is being frozen, should it be in there (REP 141)
 - Check in PR means that PR may need to be rebased
 - [janosch] can we have it in the merge check?
 - <https://github.com/ros/rosdistro/issues/45651>

Apr 29, 2025

- ROS PMC Business
 -
- (Cristobal) Buildfarm update
 - PTAL: [Buildfarm Issues Triage Sheet](#)
 - [rmw_cyclonedds_cpp issue](#): consistent in all linux distributions, will probably cause problems in kilted tutorial party.
- (mjcarroll) Waffle note-taker

- April 24 + May 1 - Michael Orlov
- (mjcarroll) Rosdistro assignments
 - ~~March 18 - March 25 - Tomoya + Dharini~~
 - ~~March 25 - April 1 - Christophe + Alejandro~~
 - ~~April 1 - April 8 - Shane + Alberto~~
 - ~~April 8 - April 15 - Marco + William~~
 - ~~April 15 - April 22 - Scott + Michael~~
 - April 22 - April 29 - Scott + Michael
 - April 29 - May 6 - Yadu + Shane
- ROS Boss
 - Audrow (Humble)
 - Headed on pat leave, Christophe to provide backup
 - Shane (Noetic)
 - Reviewed PRs for packages under `noetic-desktop-full` that OSRC-adjacent people were maintainers on (~70 repos)
 - Close PRs adding features
 - Require extra scrutiny on bugfixes
 - Enable PR jobs if they aren't currently
 - 3rd to last sync next week
 - Yadu (Rolling)
 - Marco (Jazzy)
 - Still in sync hold
 - Scott (Kilted)
- Kilted Release
 - Add distro to documentation
 - https://github.com/ros2/ros2_documentation/pull/5401
 - Create beta release tag on ros2/ros2
 - Create beta release binaries
 - Check regressions across all the supported platforms
 - A few more package-specific critical fixes
 - Kicking off fat binary package builds today to exercise the process
 - Create test cases for kilted tutorial party:
 - https://github.com/osrf/ros2_test_cases/pull/1560
 - Create changelog/release notes Michael Carroll
 - Update test cases for the release notes
 - ~~Branch rosdistro off rolling~~
 - ~~Add distro source branches for core repos~~
 - ~~Add distro to CI~~
 - ~~Bump all rolling package versions~~
 - Announce branch, beta, and tutorial party
- Agenda
 - (Emerson) Want to talk about Launch?
 - <https://github.com/ros2/launch/pull/868>

- <https://github.com/ros2/launch/pull/790/files> seems to do some same stuff, compare
- <https://github.com/ros2/launch/pull/867>
- https://github.com/ros2/ros2_documentation/pull/5413

Apr 22, 2025

- ROS PMC Business
 - Alejandro remains the only candidate for TGC project representative.
 - Formal Decision: Accept `rosidl_rust` into `ros2.repos` and REP-2005
 - Motion: William, Second: Alejandro. Pass by consensus.
 - TGC Meeting this week.
- (Cristobal) Buildfarm update
 - PTAL: [Buildfarm Issues Triage Sheet](#)
 - Increase Rci_release timeout
 - https://github.com/ros2/ros_buildfarm_config/pull/323
 - Approved!
 - [mjcarroll] Who's responsible for bringing these times down in the future?
 - [scott] test parallelization should help, better resource utilization
 - [michael orlov] why raise it an hour?
 - [cristobal] since we are currently timing out, raising an hour gives a lot of room.
 - [scott] The addition of `rmw_zenoh` increases the test matrix
 - We may be doing per-rmw tests that don't actually require an rmw implementation
 - [william] you have to opt in to multi-rmw tests, so it would be surprising if we were doing it by accident.
 - Test to be disabled: <https://github.com/ros2/rosidl/issues/812>
 - RHEL `rmw_cyclonedds` problem:
 - https://github.com/ros2/rmw_cyclonedds/issues/535
 - Would like someone to take a look
 - Reported issues with jetson and compiler flags?
 - https://github.com/ros-infrastructure/ros_buildfarm/issues/1092
 - Clara is looking into adding compiler flag restrictions to not use these instructions on the buildfarm machines when generating debs
 - We've historically gotten away with this by building on commodity hardware, but newer cloud provided servers have fancy instruction sets
 - [jose] In debian packaging the set of flags chosen for a given arch is reported by `dpkg-buildflags` Packages should respect that or it is considered a bug.
- (mjcarroll) Waffle note-taker
 - ~~March 20~~ - Yadu
 - ~~March 27~~ + ~~April 3~~ - Tomoya Fujita
 - ~~April 10~~ + ~~April 17~~ - Shane

- April 24 + May 1 - Michael Orlov
- (mjcarroll) Rosdistro assignments
 - ~~March 18 - March 25 - Tomoya + Dharini~~
 - ~~March 25 - April 1 - Christophe + Alejandro~~
 - ~~April 1 - April 8 - Shane + Alberto~~
 - ~~April 8 - April 15 - Marco + William~~
 - ~~April 15 - April 22 - Scott + Michael~~
 - April 22 - April 29 - Scott + Michael ?
- [ROS Boss](#)
 - Audrow (Humble)
 - Shane (Noetic)
 - Noetic sync this week, freeze today, plan to start closing feature PRs
 - Yadu (Rolling)
 - Marco (Jazzy)
 - Scott (Kilted)
 - We are frozen
 - Next milestone will be branching for kilted and bumps for package versions in rolling.
 - Scheduled for yesterday, didn't happen
 - Two critical fixes in rmw_desert and rmw_gurumdds to eliminate cyclic dependencies.
 - Connexthdds now works in arm64, which was surprising. Rebuild started this morning, scaled to meet demand
 - Make sure we are in good shape for the migration script. Once we have made sufficient progress on arm64, run migration today
 - Next steps:
 - Beta announcement on Monday.
 - We have regressions that need to be addressed
 - Make a doc/gist link to slack
- Agenda
 - `ros2 service info -v` support (Tomoya)
 - GID/QoS information for DDS-based RMWs
 - <https://github.com/ros2/rmw/pull/371#issuecomment-2763634820>
 - (Miguel Company)
 - The RMW interface should be implementation-agnostic, so we should think on the requirements, putting aside the current implementations.
 - On the other hand, we might want to make DDS-based RMW implementations interoperable, so we should convey the information in an interoperable way.
 - What do we currently do for ros2 topic info? There are publishers and subscriptions there, and they could have different QoS. Do we take the information of the first endpoint we find? Do we give priority to writers? I'd say let's do the same thing for services.

- Another possibility is adding a new message type in `rmw_dds_common`, and transmitting the information on a new topic.
- [william] There should only be a single type hash corresponding to the service
- [Yadu] Showing 2 QoS profiles may be confusing to users
 - There isn't a way to specify multiple QoS in the DDS service implementations.
 - [william] it's worth printing the data as engineering dx
 - [shane] Maybe only print one if they are identical
- [william] by default, we should really only see things on the CLI output that you could potentially use when instancing things in ROS. Maybe there is additional information that could be hidden behind a flag for impl-specifics
- (mjcarroll) ROS 2 Migration Pain Points from <https://gist.github.com/peci1/52aea17faf5f7e33c8096b75dc9bcd2f>
- (claraberendsen) Windows 2025 on ci.ros2.org.
 - A machine has been configured and initial tests have passed with some regressions.
 - Do we want to run one or two nightlies as a smoke test of any big issue or new regression between current and Windows 2025?
- (mjcarroll) ROSCon Talk Brainstorming
 - [mjcarroll] State of ROS
 - Why ROS?
 - [Shane] Tools like `vcstool`, `rosinstall_generator`, etc
 - There isn't a big picture document that describes how these tools fit together
 - [tomoya] logging subsystem
 - New features and problems
 - [janosch] back to basics - how to set up a robot?
 - [kim] Windows installation improvements?
 - [janosch] how to contribute to ROS
 - [william] something deep technical (rewriting the build system in bazel)
 - [emerson] Declarative patterns for ROS applications
 - [janosch] The state of executors

Apr 15, 2025

- ROS PMC business
 - Currently there is a single self-nomination for project representative, Alejandro. If this remains the same by the next PMC meeting, we can skip voting.
- (Clara) Buildfarm update
 - PTAL: [Buildfarm Issues Triage Sheet](#)

- Issues
 - Nightly_linux_rhel regression: Seems to have been resolved
 - <https://github.com/osrf/buildfarm-tools/issues/141#issuecomment-2793003399>
 - Investigation build regression on coverage nightlies jobs
 - https://ci.ros2.org/job/nightly_linux_humble_coverage/1159
- (mjcarroll) Waffle note-taker
 - ~~March 20 - Yadu~~
 - ~~March 27 + April 3 - Tomoya Fujita~~
 - April 10 + April 17 - Shane
- (mjcarroll) Rosdistro assignments
 - ~~March 18 - March 25 - Tomoya + Dharini~~
 - ~~March 25 - April 1 - Christophe + Alejandro~~
 - ~~April 1 - April 8 - Shane + Alberto~~
 - ~~April 8 - April 15 - Marco + William~~
 - April 15 - April 22 - Scott + Michael
 - Outgoing rosdistro issues
 - <https://github.com/ros/rosdistro/pull/45116>
 - Respond the same way as here: <https://github.com/ros/rosdistro/pull/44883> It cannot be packaged/released as a deb package due to 3p dependencies
- [ROS Boss](#)
 - Audrow (Humble)
 - Shane (Noetic)
 - Yadu (Rolling)
 - Sync hold, we have a few regressions that we are trying to address.
 - Move forward with sync
 - Marco (Jazzy)
 - We need a follow-up release and sync on rclcpp_action for <https://github.com/ros2/rclcpp/pull/2800>
 - Scott (Kilted)
 - We are frozen
 - Next milestone will be branching for kilted and bumps for package versions in rolling.
 - This week is for tidying up and getting current packages released and built on the buildfarm
- Agenda
 - (Tomoya) Parameter Lifecycle
 - Currently static parameters are in the node lifecycle. Only dynamic typed parameters can be undeclared by note parameter interface.
 - <https://github.com/ros2/rclcpp/pull/2780>
 - https://github.com/ros2/rcl_interfaces/pull/172
 - Follow up: What is the use case for this? Without a motivating use case this feature doesn't seem to make a lot of sense.

- (Christophe) Mention preferring one import per line in Python code style guide: https://github.com/ros2/ros2_documentation/pull/5224
 - Looking for consensus/approval. Would like to make this an intentional choice.
 - Consensus! But maybe we should have a linter that can enforce this, christophe to follow up
- (mjcarroll) rosidl_rust to be added to core repositories and REP 2005 https://github.com/ros2-rust/rosidl_rust
 - [scott] This is an artefact of the way that group dependencies work
 - [william] Can we inject it in the release process instead?
- (mjcarroll) L-turtle feature roadmap
 - There is a TGC agenda item about L-turtle planning and would like to have a “top 5” list of ideas from the PMC to present in terms of what we think is important.
 - Some ideas
 - rclpy performance
 - Dynamic typesupport
 - Rcl_logging_implementation (Tomoya)
 - Structured parameters
 - “ROS 2 isn’t as usable”
 - a. Complexity and QoS settings
 - b. Overall documentation improvements
 - `colcon test` with ctest/pytest running in parallel
 - Decouple rosidl generation from CMake
 - a. Many benefits with rust/python/etc
 - b. Alternative buildsystems
 - Declarative interfaces for nodes (NODL)
 - a. Generate parameter library
 - Making XML/YAML first-class
 - Yaml full tag support for RCL parser
 - ros2 kill
 - Rosdoc2 removed the doxygen api doc - restore it
 - Bazel support
 - Simple action server, simple service server (into the core)
 - Safety/certified spaces
 - a. Tools for faster CI
 - b. Quality declaration
 - Install size optimization
 - IPC validation tools
 - `pip install ros`
- (mjcarroll) TGC budget requests
 - There is a TGC agenda item about budget requests from the individual PMCs. What types of things would we request funding for?
 - Documentation and approachability of the project.

- (Tomoya) GenAI Policy?
 - <https://github.com/ros2/rclcpp/issues/2809#issuecomment-2804686591>
 - It looks like GenAI description. (not confirmed)
 - Are we now allowed to use GenAI for development? Formal policy from OSRA?
 - <https://discourse.ros.org/t/interim-policy-on-the-use-of-generative-ai-in-osrf-projects/39731>
- <https://github.com/ros2/examples/issues/406#issuecomment-2806825262>
- ~~(mjcarroll) ROSCon Talk Brainstorming~~

Apr 8, 2025

- ROS PMC business
 - Formal Decision: Accept End-of-Life Date for ROS Noetic (ROS Project Charter - article 4.9.v)
 - May 31st 2025 - Noetic End of Life (aligns with Focal)
 - For reference the remaining schedule:
 - May 13th - Begin sync freeze
 - May 15th
 - a. Perform second to last Sync
 - b. Merge Noetic ros/rosdistro PRs
 - May 16th
 - a. Merge Noetic ros/rosdistro PRs
 - b. Begin final sync freeze
 - May 16th - May 29th
 - a. Only accept Noetic ros/rosdistro PRs that fix regression
 - May 29th Perform last sync
 - Kat moved, yadu second, passed by consensus
 - Shane to make an announcement on discourse
 - Formal Decision: Add rmw_zenoh to REP 2005 (ROS Project Charter - article 4.9.ii)
 - Pull request: <https://github.com/ros-infrastructure/rep/pull/417>
 - Alejandro moved, Yadu second, passed by consensus
 - What is happening with the ROS representation?
 - (michael) Let me follow up with geoff.
- (Cristobal) Buildfarm update
 - Planned build.ros2 repo agent migration for next Tuesday
- (mjcarroll) Waffle note-taker
 - ~~March 20 - Yadu~~
 - ~~March 27 + April 3 - Tomoya Fujita~~
 - April 10 + April 17 - Shane
- (mjcarroll) Rosdistro assignments
 - ~~March 18 - March 25 - Tomoya + Dharini~~

- ~~March 25 - April 1 - Christophe + Alejandro~~
- ~~April 1 - April 8 - Shane + Alberto~~
- April 8 - April 15 - Marco + William
- Outgoing rosdistro issues
 - (sloretz) ideas on how to handle python dependency groups?
 - <https://github.com/ros/rosdistro/pull/44942#issuecomment-277327474>
 - (Steven!) rosdep doesn't support this, probably shouldn't
 - a. Do something like `jax-nvidia-gpu` rosdep key that would represent `jax[nvidia]` dependency group
 - (scott) do we want an nvidia-specific change?
 - Shane to summarize.
 - (sloretz) Use ubuntu-latest runner
 - <https://github.com/ros/rosdistro/pull/45033>
- ROS Boss
 - Audrow (Humble)
 - Shane (Noetic)
 - Noetic Sync finishing today
 - Make many Noetic releases after the sync
 - Yadu (Rolling)
 - Rolling sync on friday
 - Marco (Jazzy)
 - [Jazzy Sync + patch release done](#)
 - (michael) post about the ABI break
 - Scott (Kilted)
- Kilted development
 - (Yadu) rmw_zenoh
 - Next big focus is to update CI infra for zenoh router and revert the zenoh multicast patches
 - (Miguel) FastDDS version bump
 - All landed
 - (Miguel) DDS Topic Keys
 - All landed
 - (Tomoya) rosbag2 action play / documentation
 - Waiting for final review from Michael Orlov
 - (Michael) Connex Version Bump
 - All connex 7.3 PRs landed, some regressions in jazzy and humble to be addressed this week (Windows only)
- Agenda
 - [scott] Kilted Release Timeline
 - We're now in the RMW Feature Freeze period
 - We had some late-breaking changes which regressed linters and such, will follow-up with fixes for those soon.
 - On Monday (4/14), we will enter the ROS 2 Core Feature Freeze
 - Bug fixes only for core packages after that

- Please tag me (cottsay) on all PRs to Rolling for core packages. You don't need my review, I just want to make sure I get the notification.
 - From here until release, we'll be hitting milestones (at least) every Monday. Have a look at [the timeline](#) for details.
- [michael] ROSCon Key Dates
 - Diversity Scholarship - April 18, 2025
 - Workshop proposals - May 5, 2025
 - Talk proposals - June 2, 2025
 - Acceptance - July 14, 2025
 - ROSCon - October 27, 2025
- [waffle] Difference between demos/examples?
 - <https://github.com/ros2/examples/issues/406>
 - [emerson] preference: collapse the repos and use sub-directories. Single source of truth in a single repository
 - Archive, mark read only, deprecation notice in the readme
 - [tully] demos have different dependencies, watch for dependency loops
 - Are they both released currently? Yes.
 - [william] maybe move demo_nodes_cpp and demo_nodes_py -> examples
 - Maybe archive the tutorials repo and actually have a sequence of tutorials in the examples repo. Lots of comments that are very descriptive
 - Conclusion: Emerson to make a proposal around what each repo should look like and the sequence of moves to get us there in the above issue. We can use this to align/agree.
- [Steven!] ROS repository keys
 - In 2019 the ROS repository public key expired and caused a big dustup. We set 2025 as the expiry date for the re-published key because we would "definitely have key rotation sorted by then or we'd have bigger problems"
 - By May 31 we want to have converted all active ROS installations to using a new ros-archive-keyring package that distributes both the public signing key and the repository configuration in place of our current installation instructions.
 - The most basic/standard configuration would rely on one package per repository ros, ros-testing, ros2, ros2-testing but the Infrastructure PMC is leaning towards combining the ROS 1 and ROS 2 repository configurations into a pair of ros, and ros-testing repository configuration packages.

Apr 1, 2025

- ROS PMC business
 - [Sloretz] Removal of ros/geometry2 from ROS PMC management
 - This repository only supports ROS 1. The equivalent repository for ROS 2, <https://github.com/ros2/geometry2>, is already managed by the ROS PMC.
 - Vote carries by consensus
 - [mjcarroll] Geoff has requested an additional volunteer for the Evolving Enhancement Proposal Technical Committee, can be any PMC member.
 - Charter:
https://github.com/openrobotics/osra-policies-and-procedures/blob/main/charter_tc_enhancement_proposal_processes.md
- (Cristobal) Buildfarm update
 - PTAL: [Buildfarm Issues Triage Sheet](#)
 - Important: [rmw cyclonedds cpp: ddsi xt type init impl with invalid type object error](#)
- (mjcarroll) Waffle note-taker
 - March 20 - Yadu
 - March 27 + April 3 - Tomoya Fujita
- (mjcarroll) Rosdistro assignments
 - ~~March 18 - March 25 - Tomoya + Dharini~~
 - ~~March 25 - April 1 - Christophe + Alejandro~~
 - April 1 - April 8 - Shane + Alberto
 - Outgoing Rosdistro
 - (christophebedard) CC0 for test data:
<https://github.com/ros/rosdistro/pull/44858>
 - Drop CC0 from the package.xml, everything else should be fine as this is test data
 - (christophebedard) dependencies as submodules with add_subdirectory(): <https://github.com/ros/rosdistro/pull/44883>
 - Just a source release, so rules are less strict, but they aren't going to be able to release this as binary. Also, noetic.
 - (christophebedard) name: "numpy_ndarray_msgs":
<https://github.com/ros/rosdistro/pull/44882>
 - No complaints about message naming, but maybe it overlays with MultiArray?
- [ROS Boss](#)
 - Audrow (Humble)
 - Humble sync and patch release last week
 - Shane (Noetic)
 - EOL Noetic
 - Sync this week - next week formally deciding noetic EOL.
 - Yadu (Rolling)

- Rolling sync went out last Friday.
 - Marco (Jazzy)
 - Jazzy Sync + patch release, a few regressions
 - Scott (Kilted)
 - RMW Freeze, Monday April 7
- Kilted development
 - (Yadu) rmw_zenoh
 - rmw_zenoh merged into ros2.repos
 - Nightly CI jobs are also running where rmw_zenoh is used for all tests with all packages (~4 failures).
 - New regression in rclpy.test_events_executor -> Being addressed.
 - Flaky ros2cli tests
 - Can we get some reviews on quality declaration for rmw_zenoh?
 - a. https://github.com/ros2/rmw_zenoh/pull/483
 - Running CI with Zenoh router
 - New *rmw_test_fixture* and *rmw_test_fixture_implementation* packages added to ament_cmake_ros: https://github.com/ros2/ament_cmake_ros/pull/21/files
 - The rmw_test_fixture package currently provides only the API, which could be implemented by an RMW provider for configuring their RMW for a test to run.
 - API implemented for rmw_zenoh: https://github.com/ros2/rmw_zenoh/pull/583
 - Goal is to switch to testing with the router in the next couple days. Ensure CI is passing before RMW Freeze
 - (Miguel) FastDDS version bump:
 - Upgrade to 3.2.x ~~PR passed CI merged~~
 - Just bloomed [fastcdr](#) and [fastdds](#)
 - Released rosidl_typesupport_fastrtps 3.8.0 to fix dependency issues after fastrtps_cmake_module removal
 - (Tomoya) Action Introspection
 - ros2 action echo completed with action introspection (documentation is also updated)
 - Generic action client for playback completed
 - ros2 bag record action (CI green, lgtm) / ros2 bag play action (W.I.P)
 - Rosbag2 record/reply documentation (TODO)
 - (Michael) Connex Version Bump / Connexmicro deprecated
 - Mark it deprecated in package.xml
 - Mark it as eol in the release distro
- Agenda
 - (katscott) ROS Docsite rebrand
 - (christophebedard) rosdistro rosdep key reviews: the 2-approval requirement often leads to PRs falling through the cracks

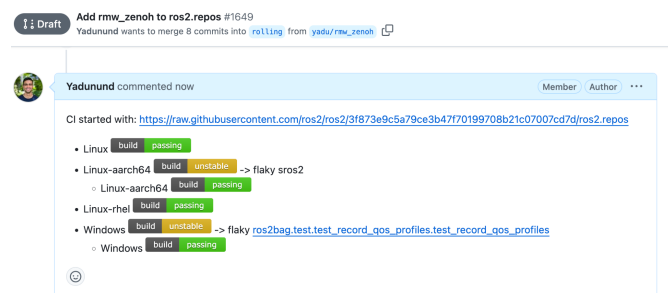
- It's hard just looking at the list of PRs to know if a PR is just waiting for a 2nd approval if the review bot approved it
- PR-submitters don't really know about this requirement and just see their PR being approved and just waiting there
- Can we use a label ("rosdep-key-needs-second-approval") or reconsider this requirement?
 - Yes, add a label
- (Tomoya) Specify rosidl version dependency in CMake
 - <https://github.com/ros2/rosidl/pull/851>
 - (Tomoya) extra maintenance cost, we usually do not have static dependencies to core libraries? We might miss updating those versions during release.
- (Tomoya) Support Topic Instance for Killed
 - <https://github.com/ros2/ros2/issues/1538>
 - Go / NoGo? Do we have bandwidth?
 - Go if someone has time and doesn't break zenoh
 - Be explicit about not depending on @key behaviors in the core
- (Tomoya) Pre-commit github action trials?
 - https://github.com/ros2/ros2_documentation/pull/5203
 - <https://github.com/ros2/rclcpp/pull/2791>
 - I guess it is worth adding this, those PRs can fix some styles.
 - I would like to aim small, miss small to start, maybe we can enable for rclcpp/rclpy/ros2_documentation for several weeks to see if we can enable this global organization level??

Mar 25, 2025

- ROS PMC business
 - Welcome!
 - Just a reminder; this document, and this meeting, are publicly available
 - Only PMC members and committers can speak during the meeting
 - [mjcarroll] There is a TGC meeting this week. I will circulate updates afterwards.
 - [mjcarroll] Geoff has requested an additional volunteer for the Evolving Enhancement Proposal Technical Committee, can be any PMC member.
 - Charter:
 - https://github.com/openrobotics/osra-policies-and-procedures/blob/main/charter_tc_enhancement_proposal_processes.md
 - [mjcarroll] Election of Alejandro didn't follow policy, will have to redo, details TBD.
- (Cristobal) Buildfarm update
 - PTAL: [Buildfarm Issues Triage Sheet](#)
 - No new issues last week
- (mjcarroll) Waffle note-taker

- March 25 + March 31 - Tomoya Fujita
 - Please comment on the slack thread on if you are capable/not-capable
- (mjcarroll) Rosdistro assignments
 - Christophe Bédard and Alejandro Hernandez Cordero
- [ROS Boss](#)
 - Audrow (Humble)
 - Humble sync and patch release this week
 - Shane (Noetic)
 - Formal decision on EOL for Noetic.
 - Michael Carroll to send out a “formal decision” email
 - Yadu (Rolling)
 - Rolling Sync
 - Marco (Jazzy)
 - Jazzy Sync + patch release, a few regressions
 - Scott (Kilted)
 - RMW Freeze, Monday April 7
- Kilted development
 - Rmw_zenoh
 - Agenda item below
 - FastDDS name change + version bump
 - Miguel: <https://github.com/ros2/ros2/pull/1641>
 - Conda on Windows
 - Action Introspection (Tomoya)
 - rosbag2 record/playback (W.I.P)
 - Asking for help from Michael Orlov to complete
 - Client Library working group
 - Rclpy events executor landed
- Agenda
 - (yadu) rmw_zenoh
 - **Goal:** Make rmw_zenoh a Tier-1 Middleware for Kilted.
 - What does that mean?
 - a. **A dedicated nightly CI job** where all core packages are built with only this RMW in the workspace and thus **all tests from all packages** are run against this RMW.
 - How is that different from the ci.ros2.org jobs that we trigger manually for PRs?
 - **Most packages are tested only against the default RMW.**
 - Some packages invoke `call_for_each_rmw_implementation` and thus generate tests for all middlewares in the workspace.

- PR for nightly rmw_zenoh job:
https://github.com/ros2/ros_buildfarm_config/pull/320
- b. rmw_zenoh will be added to [REP-2005](#).
- What do we need to do?
 - a. Get rmw_zenoh in ros2.repos
 - Needs to pass the manual CI jobs.
 - What's the issue?
 - The default topology of rmw_zenoh requires a Zenoh router to serve as a broker for discovery information (data exchange is p2p). Without the router, nodes can't discover each other.
 - **However, our CI infrastructure isn't set up YET to run a separate process.**
 - Note: In our local testing, **all tests pass for all repositories** when run with rmw_zenoh and the router.
 - Hence, we've opened a series of **PRs against 7 repos** that invoke `call_for_each_rmw_implementation` to **set an environment variable** to force rmw_zenoh to **enable multicast discovery**.
 - <https://github.com/ros2/demos/pull/711>
 - <https://github.com/ros2/rcl/pull/1218>
 - <https://github.com/ros2/rclcpp/pull/2776>
 - <https://github.com/ros2/ros2cli/pull/992>
 - https://github.com/ros2/system_tests/pull/567
 - <https://github.com/ros2/rosbag2/pull/1946>
 - <https://github.com/ros2/sros2/pull/339>
 - How does it fare?
 - Pretty well! One flake test on linux and another on Windows.



- b. What happens after we get rmw_zenoh in ros2.repos?

- Continue testing infra and **work towards undoing the merge before Kilted is released** by getting the router running in CI.
 - Scott is working on updating the RMW API to configure processes that need to run along with the RMW.
 - Goal is to have this ready before
 - c. What can we do better to merge those PRs temporarily?
 - Reduce the number of envvars we set? We technically only need 1/3 for repos except ros2cli.
 - Suggestions?
 - [Michael Orlov] If we can reduce the number of variables, please do so.
 - [shane] Since these are intended to be temporary, please indicate in the code that these are temporary
 - d. Why do we need to get rmw_zenoh into ros2.repos without the infra supporting a router?
 - We need to work concurrently on testing rmw_zenoh in CI jobs while enabling CI to test rmw_zenoh effectively
 - Scott (proper fix)
 - a. Adding APIs to `rmw` that rmw_implementations can implement to start a process.
 - b. Next steps
 - Get PR in rcutils merged which adds necessary utilities.
 - Open PR in rmw with proposed API.
 - c. [miguel] Can we move the utility function that allocates a random domain_id to public API?
 - Scott: Absolutely.
- (sloretz) **Looking for Feedback: Noetic EOL Recommendations for ROS 1 maintainers**
 - All repos that support ROS 1
 - Release any unreleased changes now
 - a. Final release deadline: May 15th, 2025
 - Close all ROS 1 pull requests breaking API or ABI
 - Ask authors of bug fix PRs to recruit multiple reviewers to test it
 - Consider merging PRs that make it build on newer Ubuntu distros
 - ~~On May 15th~~ (Do this now)
 - a. Close all ROS 1 pull requests adding new features
 - b. Close all ROS 1 issues requesting new features
 - If a repo only supports ROS 1
 - On May 31, 2025

- a. Close all open PRs and issues
 - b. Archive the repo
- If a repo supports ROS 1 and ROS 2
 - The default branch should support ROS 2, preferably ROS rolling
- [dlu] What about ROS-O?
 - People can do what they want, but most of these are forks. If you want to continue to maintain “O” branches on your repos, that’s perfectly fine.
- [katscott] What is the comms strategy here?
- (sloretz) **Looking for feedback:** Final ROS Noetic sync timeline
 - Goal: The final ROS Noetic sync contains working software
 - May 13th
 - Begin sync freeze
 - May 15th
 - 1. Perform second to last Sync
 - 2. Merge Noetic ros/rosdistro PRs
 - May 16th
 - 1. Merge Noetic ros/rosdistro PRs
 - 2. Begin final sync freeze
 - May 16th - May 29th
 - Only accept Noetic ros/rosdistro PRs that fix regressions
 - May 29th Perform last sync
- (mjcarroll) Please remember to be sending good community issues to Kat.

Mar 18, 2025

- ROS PMC business
 - Welcome!
 - Just a reminder; this document, and this meeting, are publicly available
 - Only PMC members and committers can speak during the meeting
 - PSA: Meeting time is set in UTC, will remain constant across daylight saving time changes.
 - Votes
 - Michael C. proposes to accept Janosch as a ROS PMC Committer now that mentorship period has completed (Article 7.8.iv)
 - Passes by consensus
 - Christophe proposes to mentor Emerson as a ROS PMC Member (from current status as committer) (Article 6.1.ii)
 - Passes by consensus
 - Michael C. proposes to accept **Alejandro Hernandez Cordero** as the second ROS PMC member to the TGC
 - Passes by consensus

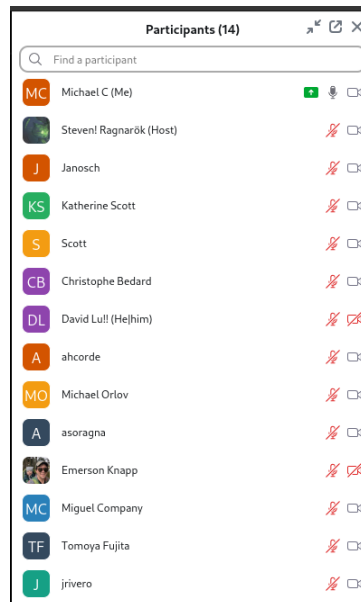
- (Cristobal) Buildfarm update
 - PTAL: [Buildfarm Issues Triage Sheet](#)
 - Help wanted: RHEL build regressions
 - [Investigation](#)
 - Where should I open this issue?
- (mjcarroll) Waffle note-taker
 - March 20 - Yadu
 - (mjcarroll) Moving retrospective to March 25 when I can be here.
- (mjcarroll) Rosdistro assignments
 - March 18 - March 25 - Tomoya + Dharini
 - (mjcarroll) Moving retrospective to March 25 when I can be here.
 - Rosdistro issues (from the outgoing rosdistro mergers)
 -
- [ROS Boss](#)
 -
 - Audrow (Humble)
 - Shane (Noetic)
 - Noetic sync this week
 - Yadu (Rolling)
 - Rolling sync went out last week. All good
 - Marco (Jazzy)
 - Sync went out last week.
 - Scott (Kilted)
- Kilted development
 - Rmw_zenoh
 - [mjcarroll/cottsay] Test Isolation Work
 - Scott is creating a test fixture in `ament_cmake_ros` to allow for isolated tests to occur in CI
 - All existing cmake tests that make use of ROS need to be using the `ament_add_ros_isolated_` family of macros.
 - We will need to do the same with Python as well, but cmake is easiest to address at this moment.
 - This will replace the colcon domain coordinator as a more complete way to isolate tests that supports zenoh as well.
 - Test fixtures for pytest and launch_testing still forthcoming. Cmake migration is the focus currently.
 - No immediate need for community packages to change but if they use rmw_zenoh their tests will fail without using the same practices in these upcoming macros
 - Example of changes for core packages?
 - a. Scott working on this. High level
 - Make sure you're depending on `ament_cmake_ros`
 - Use `ament_add_ros_isolated_` macros in place of lower level test macros.

- FastDDS name change + version bump
 - (Miguel) Fast DDS 3.2.0 for Kilted:
 - (Miguel) This [PR](#) updates Fast DDS and Fast CDR branches
- Conda on Windows
 - (mjcarroll) We need new Windows patch releases for Humble and Jazzy if we haven't started that process already.
- Action Introspection (Tomoya)
 - Action introspection completed rcl/rclcpp/rclpy
 - GenericActionClient completed (required rosbag2 playback)
 - ros2cli `ros2 action echo` completed.
 - rosbag2 record/playback (W.I.P)
 - Asking for help from Michael Orlov to complete
- Client Library working group
 - No meeting last week (2 week cadence). No update.
- Agenda
 - (mjcarroll) Please remember to be sending good community issues to Kat.
 - Send more issues. We're getting traction.
 - Gsheet not visible to all. Please send requests to see / edit.
 - a. Org policies prevent wide sharing
 - (Christophe) Should we make XML/YAML launch files the default over Python in docs?
 - https://github.com/ros2/ros2_documentation/pull/5093
 - https://github.com/ros2/ros2_documentation/pull/5100
 - Python launch files are a bit complex, users are used to XML from ROS 1
 - 3-4 years ago, the XML and YAML frontends were not complete, which explains why we've been defaulting to Python. However, I think it's time to switch
 - Proposal to make XML or YAML launch files the default (over Python) in the ROS 2 docs and in the launch/launch_ros API docs
 - This means:
 - a. Making the XML/YAML tabs the default over Python by changing the tab order
 - b. Moving XML/YAML to be mentioned first instead of Python
 - c. Rephrasing some sentences to point users to XML/YAML instead of Python
 - This is a formal proposal to see if anyone has any objections or anything to say
 - If I see that some articles do not include any XML/YAML examples because action X or feature Y is not supported for frontends, I'll look into fixing that
 - →No objections
 - ROS by the Bay talk calling out that folks should prefer XML over Python

- Looking last week: considering whether XML or YAML should be the default
 - a. XML is first. Personal preferences for YAML but users coming from ROS 1 will be more familiar with XML.
 - (emerson) ROS Docuthon
 - Proposal: increase the participation on documentation contributions by getting people together to live discuss documentation challenges.
 - Do a first one between Kilted release and ROSCon
 - Invite people based on interest and availability. Try to engage most of the PMC
 - In-person would be best but perhaps a hybrid event with multiple in-person meetups.
 - Likely that there will be some space available the weekend before ROSCon
 - Concern that online events increase risk that time will get used as office hours instead of contributing to docs.
 - We won't solve "the installation problem"
 - Installation / first-time setup difficulty may be best handled by a different group / focus.
 - Kat, Shane, Alex, Christophe and Tomoya all registered interest to help

Mar 11, 2025

- ROS PMC business
 - Welcome!
 - Just a reminder; this document, and this meeting, are publicly available
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 - Votes
 - Vote to accept REP-2005 FastDDS name change: <https://github.com/ros-infrastructure/rep/pull/415>



- Vote carries
- (Cristobal) Buildfarm update
 - PTAL: [Buildfarm Issues Triage Sheet](#)
 - Build.ros2 24.04 migration
 - rosdistro freeze Mar 10 - Mar 17
- (mjcarroll) Waffle note-taker
 - ~~September 19 + September 26 - William~~
 - ~~October 3 + October 10 - Tomoya~~
 - ~~October 17 + October 31 - Scott~~
 - ~~November 7 + November 14 - Michael G~~
 - ~~November 21 + December 5 - Michael Orlov~~
 - ~~December 12 + December 19 - Shane~~
 - ~~January 9 + January 16 - Christophe Bedard~~
 - ~~William to run it again this week~~
 - ~~January 23 - Alex~~
 - ~~January 30 - Chris~~
 - ~~February 6 + February 13 - Yadu~~
 - ~~February 20 + February 27 - Audrow~~
 - March 6 + March 13 - Alberto
 - Retrospective
- (mjcarroll) [Rosdistro](#) assignments:
 - ~~December 10 - December 17 - Chris and Alberto~~
 - ~~December 17 - January 7 - Everyone~~
 - ~~January 7 - January 14 - Alex and Christophe~~
 - ~~January 14 - January 21 - Shane and William~~
 - ~~January 21 - January 28 - Chris and Yadu~~
 - ~~January 28 - February 4 - Michael Carroll and Steven!~~
 - ~~February 4 - February 11 - Tomoya and Audrow~~
 - ~~February 11 - February 18 - Michael Orlov and Dharini~~

- ~~February 18 - February 25 - Scott and Marco~~
 - ~~February 25 - March 4 - Michael Carroll and ???~~
 - ~~March 4 - March 11 - Shane and Alejandro~~
 - March 11 - March 18 - Alejandro and Christophe
 - [Rosdistro statistics](#)
- Rosdistro issues (from the outgoing rosdistro mergers)
 - [sloretz] ros/rosdistro ros2agnocast <https://github.com/ros/rosdistro/pull/44641>
 - Okay because it follows the established pattern
- [ROS Boss](#)
 - Audrow (Humble)
 - Shane (Noetic)
 - Yadu (Rolling)
 - ROS 2 Rolling sync out last week after battling a couple different issues. rmw_fastrtps uses fastdds 3.1.x now. New rviz release blocked by new sensor_msgs release which is blocked by waiting for nav2 to move on from PoseStampedArray
 - Marco (Jazzy)
 - Scott (Kilted)
- Kilted development
 - Rmw_zenoh
 - Nearly all core tests passing
 - Relying on Scott to implement starting a router for CI jobs
 - Quality declaration PR opened in rmw_zenoh. When to merge?
 - FastDDS name change + version bump
 - ARM Debians don't exist for Noble fastdds + rmw_fastdds
 - One regression on Linux Debug related to fastdds PR
 - Conda on Windows
 - Merged!
 - Docs need to be merged
 - Action Introspection (incl ros2bag action record/play)
 - Client Library working group
 - Python Events Executor close to finished,
- Agenda
 - [katscott] [Contributor Recruiting](#)
 - <https://mtlynch.io/human-code-reviews-1/>
 - [katscott] [GSoC](#)
 - Proposed ideas:
 - [tomoya] rcl_logging would be a good candidate in scope
 - a. https://raw.githubusercontent.com/fujitatomoya/rcl_logging_syslog/rolling/doc/presentation/ROS-By-The-Bay_20250130.html#14
 - [Janosch] How about reworking the executors
 - a. Probably a little large for a gsoc student
 - Colcon jobs server integration?
 - a. Maybe a little too gnarly for a student

- Ros2cli backlog
 - a. Combine a few of the issues into a reasonable work package
- Tracing feature request (looking for co-mentor)
 - a. https://github.com/ros2/ros2_tracing/issues/44
- Structured Parameter support in rclcpp ?
 - Please write a short description, send email to Kat, and we can get the proposal up on the wiki. Kat can match-make co-mentors.
- [mjcarroll] Hz verb: Warn users about wrong reported freq
 - PR: <https://github.com/ros2/ros2cli/pull/970> (QoS arguments support for hz sub-command)
 - Putting warning in CLI would not be great
 - ROS 2 documentation instead to describe these issues?
 - Avoid deserialization can be enhancement to address this performance issue (and executor performance als related)

Mar 4, 2025

- ROS PMC business
 - Welcome!
 - Just a reminder; this document, and this meeting, are publicly available
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- (Cristobal) Buildfarm update
 - PTAL: [Buildfarm Issues Triage Sheet!](#)
 - New issues:
 - [test_launch_ros package timing out in windows repeated CI](#)
 - [ament_mypy test_mypy failures in windows repeated CI](#)
 - [test_secure_publisher_subscriber fastrtps secure_comm timing out](#)
 - Build.ros2 24.04 migration
 - rosdistro freeze Mar 10 - Mar 17
 - Target for migration for build.ros2.org is next week
- (mjcarroll) Waffle note-taker
 - ~~September 19 + September 26 - William~~
 - ~~October 3 + October 10 - Tomoya~~
 - ~~October 17 + October 31 - Scott~~
 - ~~November 7 + November 14 - Michael G~~
 - ~~November 21 + December 5 - Michael Orlov~~
 - ~~December 12 + December 19 - Shane~~
 - ~~January 9 + January 16 - Christophe Bedard~~
 - ~~William to run it again this week~~

- ~~○ January 23 - Alex~~
 - ~~○ January 30 - Chris~~
 - ~~○ February 6 + February 13 - Yadu~~
 - ~~○ February 20 + February 27 - Audrow~~
 - March 6 + March 13 - Alberto
 - Retrospective
- (mjcarroll) [Rosdistro](#) assignments:
 - ~~○ December 10 - December 17 - Chris and Alberto~~
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 - ~~○ January 7 - January 14 - Alex and Christophe~~
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 - ~~○ January 28 - February 4 - Michael Carroll and Steven!~~
 - ~~○ February 4 - February 11 - Tomoya and Audrow~~
 - ~~○ February 11 - February 18 - Michael Orlov and Dharini~~
 - ~~○ February 18 - February 25 - Scott and Marco~~
 - February 25 - March 4 - Michael Carroll and ???
 - March 4 - March 11 - Shane and Alejandro
 - [Rosdistro statistics](#)
 - QQ: Do you think it makes sense to automatically merge some subset of rosdistro pull requests?
 - [scott] There are some situations where even a version bump could causes issues in the buildfarm, we aren't checking those things right now.
 - [tully] We should do some semblance of authentication to ensure that a person releasing actually should be releasing.
 - [shane/william] probably not an issue as people can't create releases without permission
- Rosdistro issues (from the outgoing rosdistro mergers)
- [ROS Boss](#)
 - Audrow (Humble)
 - Shane (Noetic)
 - Noetic Sync this week.
 - Yadu (Rolling)
 - Sync hold. Many regressions due to blowing up a reconfigure job.
 - Marco (Jazzy)
 - Scott (Kilted)
- Kilted development
 - Rmw_zenoh
 - CI with all packages in ros2.repos file, a few failing tests
 - Automatically starting the router
 - Modify ament_cmake_ros so that we can automatically start the router. Make sure that dependent packages are using ament_cmake_ros.
 - Also have to figure this out for python packages.

- a. [wjwwood] can we distinguish between python tests and ROS-related python tests
 - b. [shane] does it make sense to implement as a pytest fixture?
 - c. How to integrate into cmake?
 - Inject it in run_test.py
 - Make sure that the script does a good job of outputting the current configuration.
- Should be generic enough that we can extend to other interesting things like the FastDDS discovery server and domain coordinator.
 - Security configs for zenoh
- FastDDS name change + version bump
 - All technical work done.
 - REP 2005 needs to be updated
 - Open PR, we will vote in PMC next week
 - Removed fastrtps_cmake_module, not needed anymore.
 - Open PR to remove from rolling
- Conda on Windows is [awaiting greenlight](#)
- Action Introspection (incl ros2bag action record/play)
 - Many PRs, it would be appreciated if we can get reviews.
 - Does not conflict with rmw changes.
- Client Library working group
- Agenda
 - [katscott] [ROS Community Metrics Report](#)
 - [katscott] [Contributor Recruiting](#)
 - [mjcarroll] Friendly reminder about maintenance (which repos are maintained)
 - Specific context: <https://github.com/ros/urdfdom/pull/200>
 - [mjcarroll] Hz verb: Warn users about wrong reported freq
 - PR: <https://github.com/ros2/ros2cli/pull/970>

Feb 25, 2025

- ROS PMC business
 - Welcome!
 - Just a reminder; this document, and this meeting, are publicly available
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- (Cristobal) Buildfarm update
 - PTAL: [Buildfarm Issues Triage Sheet!](#)
 - No new issues this week!
- (mjcarroll) Waffle note-taker
 - ~~September 19 + September 26~~ William
 - ~~October 3 + October 10~~ Tomoya

- ~~October 17 + October 31~~ Scott
- ~~November 7 + November 14~~ Michael G
- ~~November 21 + December 5~~ Michael Orlov
- ~~December 12 + December 19~~ Shane
- ~~January 9 + January 16~~ Christophe Bedard
 - ~~William to run it again this week~~
- ~~January 23~~ Alex
- ~~January 30~~ Chris
- ~~February 6 + February 13~~ Yadu
 - February 20 + February 27 - Audrow
 - March 6 + March 13 - Alberto
 - Retrospective
- (mjcarroll) [Rosdistro](#) assignments:
 - ~~December 10 - December 17~~ Chris and Alberto
 - ~~December 17 - January 7~~ Everyone
 - ~~January 7 - January 14~~ Alex and Christophe
 - ~~January 14 - January 21~~ Shane and William
 - ~~January 21 - January 28~~ Chris and Yadu
 - ~~January 28 - February 4~~ Michael Carroll and Steven!
 - ~~February 4 - February 11~~ Tomoya and Audrow
 - ~~February 11 - February 18~~ Michael Orlov and Dharini
 - ~~February 18 - February 25~~ Scott and Marco
 - February 25 - March 4 - Michael Carroll and ???
 - [Rosdistro statistics](#)
- Rosdistro issues (from the outgoing rosdistro mergers)
 - [multisensor_calibration](#): Recommend accepting this generic name. This is a robust package and does not appear to be specific to any particular implementation or ecosystem.
 - If it's not pluggable or generically applicable, maybe rename.
 - [pfs](#): This is an "upstream package" which added a package.xml. Possible collision with the pfstools project, which is distributed in Debian as libpfs
 - Try to push back on naming, maybe package.xml doesn't have to be called `pfs`
 - [aruco_ros2](#): Is there a policy about including "ros2" in the package name?
 - This is another implementation, possibly similar to what `aruco\_ros` does (which also supports ROS 2). Recommend refining the name to differentiate this implementation.
- [ROS Boss](#)
 - Audrow (Humble)
 - Shane (Noetic)
 - Hoping to do a sync. Regressions to fix.
 - Yadu (Rolling)
 - Marco (Jazzy)
 - Patch + Sync for Jazz (after Conda merge)

- Next sync/patch will have ABI breaks related to executor fixes.
 - Mjcarroll to write release note on this on discourse
 - Scott (Kilted)
- Kilted development
 - Rmw_zenoh
 - Security tooling to generate zenoh config file for parity with DDS.
 - Create a vendor package for zenoh_python
 - This is a non-setuptools Python package using standards-based build
 - Two open questions
 - Quality document
 - Zenoh Router in the buildfarm.
 - Disable cross-rmw checks
 - FastDDS name change + version bump
 - Environment variable change PR
 - Rcl test needed to be updated for environment variable
 - Yadunund Vijay FYI as rolling boss we need to bloom fastdds
 - Confirm if anybody is using the fastrtps package directly before yanking it from the rolling release.
 - Conda on Windows is [awaiting greenlight](#)
 - Action Introspection (incl ros2bag action record/play)
 - REP: <https://github.com/ros-infrastructure/rep/pull/405>
 - Related PRs: <https://github.com/ros-infrastructure/rep/pull/405#issuecomment-2655791289>
 - Client Library working group
 - Rclpy events executor
 - Multithreaded executor
- Agenda
 - [yadu] Making rmw_zenoh a Tier-1 middleware for Kilted
 - What are the criteria we all agree upon?
 - <https://github.com/ros2/ros2/pull/1649>
 - Supported on Tier 1 operating systems
 - [miguel] We need to make sure that zenoh is covered by the performance_test suite
 - [wjwwood] requires a rep iteration on 2005: <https://ros.org/repos/rep-2005.html>
 - (Tully) Follow up on move from geometry_msgs/PoseStampedArray -> nav_msgs/Goals
 - Looking for reviews/feedback on https://github.com/ros2/common_interfaces/pull/269/files
 - Follow up at https://github.com/ros2/common_interfaces/pull/270
 - Review blocking nav2 PR prep

- Background info here:
https://github.com/ros2/common_interfaces/issues/267

Feb 18, 2025

- ROS PMC business
 - Welcome!
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- (Cristobal) Buildfarm update
 - PTAL: [Buildfarm Issues Triage Sheet!](#)
 -  [Windows test_executors regression: SEH Exception](#)
 -  (fixed) [doc_ros2doc job build regression due to missing --break-system-packages flag](#)
 - Thanks Tomoya for the quick response
- (mjcarroll) Waffle note-taker
 - ~~September 19 + September 26 - William~~
 - ~~October 3 + October 10 - Tomoya~~
 - ~~October 17 + October 31 - Scott~~
 - ~~November 7 + November 14 - Michael G~~
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 - ~~January 23 - Alex~~
 - ~~January 30 - Chris~~
 - ~~February 6 + February 13 - Yadu~~
 - February 20 + February 27 - Audrow
 - March 6 + March 13 - Alberto
 - Retrospective
- (mjcarroll) [Rosdistro](#) assignments:
 - Chat channel for sync holds:
<https://discourse.ros.org/chat/c/packaging-and-release-management/11>
 - ~~December 10 - December 17 - Chris and Alberto~~
 - ~~December 17 - January 7 - Everyone~~
 - ~~January 7 - January 14 - Alex and Christophe~~
 - ~~January 14 - January 21 - Shane and William~~
 - ~~January 21 - January 28 - Chris and Yadu~~
 - ~~January 28 - February 4 - Michael Carroll and Steven!~~
 - ~~February 4 - February 11 - Tomoya and Audrow~~

- ~~February 11 - February 18 - Michael Orlov and Dharini~~
 - February 18 - February 25 - Scott and Marco
 - [Rosdistro statistics](#)
- Rosdistro issues (from the outgoing rosdistro mergers)
 - <https://github.com/ros/rosdistro/pull/44501>
 - Conclusion: when possible, please ask contributors to add rules for other operating systems. We aren't directly supporting these (like opensuse), but if there is a rule that matches, then it's low cost to get it in at the time of the original rosdep PR
 - <https://github.com/ros/rosdistro/pull/4448>
 - (Yadu) Adding package without bumping major?
 - Conclusion: In this case, we are okay, as adding the package doesn't incur changes. In downstream packages (rmw implementations), we likely want to bump majors to reflect the new dependency.
- [ROS Boss](#)
 - Audrow (Humble)
 - Shane (Noetic)
 - Yadu (Rolling)
 - Marco (Jazzy)
 - Scott (Kilted)
- Kilted development
 - rmw_zenoh
 - All core tests are passing!
 - Starting work on ctest/pytest extensions to automatically start the router in CI.
 - Progress in generating security configurations
 - FastDDS name change + version bump
 - Performance_test: Suitable to just merge?
 - https://github.com/ros2/performance_test/pull/61#issuecomment-2663007090
 - Environment variable deprecation: https://github.com/ros2/rmw_fastrtps/pull/806
 - Conda on Windows is [awaiting greenlight](#)
 - Scott Logan Audrow Nash Marco Gutiérrez Steven! Ragnarök let's schedule a time to talk about the merge of this + patch releases for humble and jazzy.
- Agenda
 - (Tomoya) node parameter update recursively.
 - <https://github.com/ros2/rclcpp/issues/2741> (Self-Contained Example)
 - (my final goal is) <https://github.com/ros2/rclcpp/pull/2378> (enhancement to replace using /parameter_events into NodeParameter post set call, helps performance significantly with large ROS 2 network.)
 - Waffle

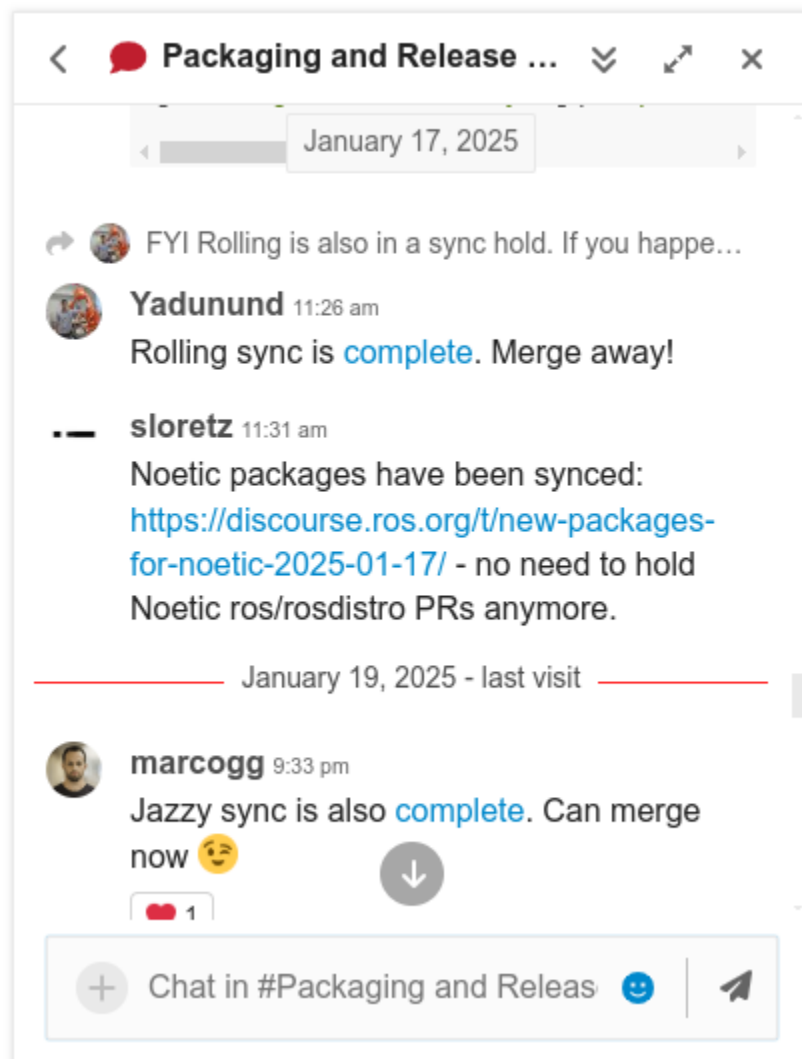
- <https://github.com/ros2/geometry2/issues/758>
 - “Managed” transform buffer.
- <https://github.com/ros2/launch/issues/815>
 - Launch argument collisions
- (Tully) Follow up on move from geometry_msgs/PoseStampedArray -> nav_msgs/Goals
 - Looking for reviews/feedback on https://github.com/ros2/common_interfaces/pull/269/files
 - Background info here: https://github.com/ros2/common_interfaces/issues/267

Feb 11, 2025

- ROS PMC business
 - Welcome!
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- (Clara) Buildfarm update
 - PTAL: [Buildfarm Issues Triage Sheet!](#)
 - No new issues last week
 - Fixed
 - https://github.com/ros2/rmw_cyclonedds/issues/528 (Chris assigned) (solved)
- (clalancette) Waffle note-taker
 - ~~September 19 + September 26 - William~~
 - ~~October 3 + October 10 - Tomoya~~
 - ~~October 17 + October 31 - Scott~~
 - ~~November 7 + November 14 - Michael G~~
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 - ~~William to run it again this week~~
 - ~~January 23 - Alex~~
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 - February 6 + February 13 - Yadu
 - February 20 + February 27 - Audrow
 - March 6 + March 13 - Alberto
 - Retrospective
- (clalancette) [Rosdistro](#) assignments:
 - Chat channel for sync holds: <https://discourse.ros.org/chat/c/packaging-and-release-management/11>
 - ~~December 10 - December 17 - Chris and Alberto~~
 - ~~December 17 - January 7 - Everyone~~

- ~~○ January 7 - January 14 - Alex and Christophe~~
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 - February 11 - February 18 - Michael Orlov and Dharini
 - February 18 - February 25 - Scott and Marco
 - [Rosdistro statistics](#)
- Rosdistro issues (from the outgoing rosdistro mergers)
 -
- [ROS Boss](#)
 - Audrow
 -
 - Shane
 - Noetic Sync (freeze today, sync thursday)
 - Yadu
 - Iron
 - Finally deleted Iron buildfarm jobs
 - Need a review on <https://github.com/ros2/ci/pull/796> to close out the final Iron EOL task.
 - Planning Rolling sync on Friday 02/14
 - Marco
 - Jazzy sync went out yesterday
 - Scott
 -
- Kilted development
 - rmw_zenoh
 - New releases bloomed for Rolling, Jazzy, and Humble.
 - Security PRs reviewed.
 - Pushing work on pytest/ctest extension to next week.
 - FastDDS name change + version bump
 - [PR](#) for bumping to 3.1.x on ros2/ros2, needs CI
 - Conda on Windows is [awaiting greenlight](#)
- Agenda
 - [Kat/Tomoya] Improving documentation checks in ros2_documentation
 - https://github.com/ros2/ros2_documentation/pull/4996
 - Context: This pull request adds a github workflow that checks the “one sentence per line” part of our documentation style-guide
 - David Lu!! Asks if it makes sense to turn this (and potentially other checks) into a pypi distributed package that can be used both by the workflow but also locally to check.
 - [triage] Changing how namespaces apply to containers in launch_ros
 - https://github.com/ros2/launch_ros/pull/429

- This pushes the entire container (and all member nodes) into a `ros_namespace` if it appears in the same tag as `push_ros_namespace`
- The question basically comes down to: should users be responsible for namespace bookkeeping, or should launch and the container manager handle it for you.
- William - I would expect that the container and components respect the namespace, this does seem like a bug
- Shane - argument on `load_composable_node` that is opt-in, tick-tock it out
- [Tully] Proposal stop using Discourse Chat for sync coordination and disable it on ROS Discourse



-
- It's only used for Release coordination. The rest of the PMC coordination is in Slack. I would like to propose using pinned posts in slack to centralize this communication channel.
 - We've had cases recently with people missing checking it.

- We did this in the past and as long as the core team is on slack that's the place to be.
 - I know that there's discussion of moving somewhere else, but for now that's where we are.
- The original goal of using Discourse chat was to make it more publicly visible. But we also have public posts.
- Without more engagement the Discourse Chat is mostly a distraction and if we stop using it for the Release announcements we can turn off the feature fully and simplify that if people want to chat use the public Discord channel which is much more active.
- Kat - yes,
- Christophe - This makes it so that the sync announcements are not public
 - Shane - but they are posted as discourse posts, just not in a single channel.
 - Tully - The chat is only available if you're logged in too, not fully public
- Decision: go ahead and remove chat. Core team release reminders will go to Slack
- [discourse] Additional levels in diagnostics messages
 - <https://discourse.ros.org/t/additional-levels-in-diagnosticstatus/41967>
 - Lets keep the discussion going on Discourse
- [mjcarroll] absl::Status type ROS message
 - A common pattern is to have a bool and a message come back from services.
(https://github.com/ros2/common_interfaces/blob/rolling/std_srvs/srv/Trigger.srv)
 - Could we add something like absl::Status to more conveniently work with feedback from services
<https://github.com/abseil/abseil-cpp/blob/master/absl/status/status.h>
 - Janosch - Enums are sufficient for their application, strings aren't machine readable
 - William - More useful if you have tools around it, as well as services supported it in a more standard way.
 - We had talked about actually building this into the service callbacks/definitions themselves.
 - David - conversation on simulation interfaces PR, service calls there are returning bool+string
- [Janosch] Is there a place where we are tracking Killed-critical bugs/PRs
 - Yes: <https://github.com/orgs/ros2/projects/63>
 -

Feb 4, 2025

- ROS PMC business
 - Welcome!
 - Just a reminder; this document, and this meeting, are publicly available
 - Only PMC members and committers can speak during the meeting
 - Looking for GSoC mentors
 - <https://discourse.ros.org/t/google-summer-of-code-call-for-mentors/41764>
 - Due February 9, 2025
- (Clara) Buildfarm update
 - PTAL: [Buildfarm Issues Triage Sheet!](#)
 -  issues last week:
 - (reported last meeting and assigned)
https://github.com/ament/ament_lint/issues/518
 - https://github.com/ros2/rmw_cyclonedds/issues/528 (Chris assigned)
 - https://github.com/ros2/performance_test/issues/60 (Miguel assigned)
- (clalancette) Waffle note-taker
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 - [Rosdistro statistics](#)

- Rosdistro issues (from the outgoing rosdistro mergers)
 -
- [ROS Boss](#)
 - Audrow
 -
 - Shane
 - Nothing this week, maybe a package release or two
 - Yadu
 - Rolling sync hold
 - Marco
 - Jazzy sync at the end of the week
 - Scott
 -
- Kilted development
 - rmw_zenoh
 - No updates since last week.
 - Waiting/upstreaming patches before blooming another release
 - Alex PRs are still needing review for security.
 - Conda
 - Merged in removal of Windows Debug jobs: <https://github.com/ros2/ci/pull/801>
 - Opened PRs implementing Conda:
 - <https://github.com/ros2/ros2/pull/1642>
 - <https://github.com/ros2/ci/pull/802>
 - https://github.com/ros2/ros2_documentation/pull/4989
 - FastRTPS 3
 - Fix performance_test build as discussed above.
 - Updating environment variables.
 - Incoming PR to adjust branch in ros2.repos ahead of 3.1.2 release
 - (Tomoya) Action Introspection / ros2cli / rosbag2 support
 - <https://github.com/ros-infrastructure/rep/pull/405> (requesting review)
 - E.g `ros2 action echo <action>` , `ros2 bag record <action>`
- Agenda
 - [Tully] Revisit: https://github.com/ros2/common_interfaces/pull/262
 - It's low semantic value and not released, I'd like to at least review the naming before it's released.
 - We're already getting requests to fan low semantic info datatypes out: https://github.com/ros2/common_interfaces/pull/258
 - Not yet released
 - No objections to considering a rename and extending the documentation to capture the semantic use case
 - (Tomoya) github.com/ros2 issue template
 - <https://github.com/ros2/.github/pull/3#issuecomment-2597571169>

- (Reference) <https://github.com/fujitatomoya/ros2ai/issues>
- Next steps:
 - Draft for ros2_documentation templates
 - Apply new org-wide templates (ros2/.github)
 - Apply new ros2_documentation template
 - Remove deprecated templates
 - Post to discourse

Jan 28, 2025

- ROS PMC business
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 - New Project Leader
 - Looking for GSoC mentors
 - <https://discourse.ros.org/t/google-summer-of-code-call-for-mentors/41764>
- (Clara) Buildfarm update
 - PTAL: [Buildfarm Issues Triage Sheet!](#)
 -  [Windows fatal exception: access violation in rclpy tests](#)
 -  [test_mypy and test_xmllint failure: failed on setup with "AttributeError... in windows release](#)
- (clalancette) Waffle note-taker
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- (clalancette) [Rosdistro](#) assignments:
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 - January 28 - February 4 - Michael Carroll and Steven!
 - February 4 - February 11 - Tomoya and Audrow
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 - [Rosdistro statistics](#)
- Rosdistro issues (from the outgoing rosdistro mergers)
 - <https://github.com/ros/rosdistro/pull/44156>
 - Name looks OK
 - Chris to finish review on the PR
- [ROS Boss](#)
 - Audrow
 -
 - Shane
 - Noetic sync this week
 - Yadu
 - Blooming core packages for Rolling, after Fast-RTPS bump
 - Marco
 -
 - Scott
 -
- Kilted development
 - rmw_zenoh
 - Pick back up
 - Review Alex's authentication PRs in
 - Get CI tests running with rmw_zenoh
 - Conda
 -
 - FastRTPS 3
 - Landed
 - Also looks like an update to 3.2 is in the works
 - Mid-march release of that
 - Should be OK before the Kilted deadline of April 7
 - Renaming package from fastrtps -> fastdds rmw's stay the same. XML Profile ENV strings will change.
 - Add a warning to rmw_fastrtps to warn if FASTRTPS_QOS_PROFILE is set, and use the API to set the config
- Agenda
 - (Tomoya) github.com/ros2 issue template
 - <https://github.com/ros2/.github/pull/3#issuecomment-2597571169>
 - (alex/clancette): <https://github.com/ros2/sros2/pull/330>

- (Tully) Reminder about rosdistro/rosdep pip policy:
 - Pip keys should not mask system keys
 - <https://github.com/ros/rosdistro/pull/44287>
- (clalancette): Removal of Windows Debug jobs/packaging jobs
 - <https://github.com/ros2/ci/pull/801>
 - Chris to post to Discourse about this

Jan 21, 2025

- ROS PMC business
 - Welcome!
 - Just a reminder; this document, and this meeting, are publicly available
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- (Clara) Buildfarm update
 - PTAL: [Buildfarm Issues Triage Sheet!](#)
 - [Infra update]: ci.ros2.org migration to 24.04
 - Jenkins host and linux agents on Noble.
 - Newer Jenkins version (a slight glow up and security updates).
 - Please report to slack [thread](#) any inconsistencies or errors found.
- (clalancette) Waffle note-taker
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 - ~~December 12 + December 19 - Shane~~
 - ~~January 9 + January 16 - Christophe Bedard~~
 - ~~William to run it again this week~~
 - January 23 + January 30 - Alex
 - February 6 + February 13 - Yadu
 - February 20 + February 27 - Audrow
 - March 6 + March 13 - Alberto
 - Retrospective
- (clalancette) [Rosdistro](#) assignments:
 - Chat channel for sync holds:
 - <https://discourse.ros.org/chat/c/packaging-and-release-management/11>
 - ~~October 8 - October 15 - Chris and Alberto~~
 - ~~October 15 - October 22 - Everyone~~
 - ~~October 22 - October 29 - Everyone~~
 - ~~October 29 - November 5 - Alex and Marco~~
 - ~~November 5 - November 12 - Christophe and William~~
 - ~~November 12 - November 19 - Shane and Yadu~~
 - ~~November 19 - November 26 - Michael Carroll and Steven!~~

- ~~November 26 – December 3 – Tomoya and Audrow~~
- ~~December 3 – December 10 – Dharini and Audrow~~
- ~~[Rosdistro statistics](#)~~
- ~~December 10 – December 17 – Chris and Alberto~~
- ~~December 17 – January 7 – Everyone~~
- ~~January 7 – January 14 – Alex and Christophe~~
- ~~January 14 – January 21 – Shane and William~~
- January 21 - January 28 - Chris and Yadu
- January 28 - February 4 - Michael Carroll and Steven!
- February 4 - February 11 - Tomoya and Audrow
- February 11 - February 18 - Michael Orlov and Dharini
- February 18 - February 25 - Scott and Marco
- [Rosdistro statistics](#)
- Rosdistro issues (from the outgoing rosdistro mergers)
 - <https://github.com/ros/rosdistro/pull/44217> - Need to verify if the new maintainer is allowed to have permissions
- [ROS Boss](#)
 - Audrow
 -
 - Shane
 -
 - Yadu
 - Rolling sync last Friday
 - Patch release of the core this week
 - Marco
 - Jazzy sync happened on Monday
 - Scott
 - Timeline needs another review
- Kilted development
 - rmw_zenoh
 - Merged several fixes to improve performance
 - One flaky issue which will be resolved soon
 - Alex working on Security artifacts
 - encryption
 - access control
 - authentication
 - Get CI jobs running with rmw_zenoh
 - Conda
 - Stuck on Windows Debug
 - FastRTPS 3
 - Should get this in for Kilted
- Agenda
 - (Tomoya) github.com/ros2 issue template
 - <https://github.com/ros2/.github/pull/3#issuecomment-2597571169>

Jan 14, 2025

- ROS PMC business
 - Welcome!
 - Just a reminder; this document, and this meeting, are publicly available
 - Only PMC members and committers can speak during the meeting
 - (Michael / Tomoya) Janosch to be PMC?
 - Michael Carroll volunteers to be his Mentor
 - Consensus vote, 8/15 committee members present
- (Clara) Buildfarm update
 - PTAL: [Buildfarm Issues Triage Sheet!](#)
- (clalancette) Waffle note-taker
 - ~~September 19 + September 26 - William~~
 - ~~October 3 + October 10 - Tomoya~~
 - ~~October 17 + October 31 - Scott~~
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 - ~~December 12 + December 19 - Shane~~
 - January 9 + January 16 - Christophe Bedard
 - William to run it again this week
 - January 23 + January 30 - Alex
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 - February 20 + February 27 - Audrow
 - March 6 + March 13 - Alberto
 - Retrospective
- (clalancette) [Rosdistro](#) assignments:
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 - ~~November 19 - November 26 - Michael Carroll and Steven!~~
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 - January 21 - January 28 - Chris and Yadu
 - January 28 - February 4 - Michael Carroll and Steven!

- February 4 - February 11 - Tomoya and Audrow
 - February 11 - February 18 - Michael Orlov and Dharini
 - February 18 - February 25 - Scott and Marco
 - [Rosdistro statistics](#)
- Rosdistro issues (from the outgoing rosdistro mergers)
 - <https://github.com/ros/rosdistro/pull/43919>: “official” package, but same name as package (in older distro) that won’t be released in any other distros
 - PR is now <https://github.com/ros/rosdistro/pull/44169>
- [ROS Boss](#)
 - Audrow
 -
 - Shane
 - Noetic sync this week
 - Yadu
 - Yadu taking over as the Rolling ROS Boss
 - Marco
 - Sync *next* week
 - Scott
 -
- Agenda:
 - (Scott) Plans for Qt 6?
 - Past work:
 - https://github.com/ros-visualization/python_qt_binding/pull/143
 - https://github.com/ros-visualization/qt_gui_core/pull/293
 - (Scott) Killed
 - VS2023?
 - Windows 11?
 - (Tomoya) <https://github.com/ros2/rmw/pull/371#issuecomment-2566205263>
 - Should we have service information structure in rmw?
 - Not outright opposed, but we need to be mindful of leaking implementation-specific details.
 - In this case, the DDS-based RMW should still expose a service type hash (not doing that seems like a bug/oversight)
 - The structure should not expose topic endpoints, because that’s an implementation detail for DDS.
 - What information does the user actually need here?
 - Ros2cli can go around rcl/rmw to get implementation specific information?
 - (Janosch) The C++ linter seems broken
 - Cppcheck is [disabled in noble](#) - irrelevant, this is about uncrustify
 - Scott: Disabled because it’s new. Ignore if version is 1.8 or 2.x for performance reasons. Maybe worth re-evaluating and determining if we should just remove entirely or re-enable
 - https://github.com/ros2/rclcpp/pull/2724#discussion_r1915072451

- Potentially an out-of-date uncrustify, William Woodall to look into it.
 - Open an issue for clang-format conversation.
- (Scott) Call for help from folks with access to macOS older than Monterey

Jan 7, 2025

- ROS PMC business
 - Welcome!
 - Happy New Year
 - Just a reminder; this document, and this meeting, are publicly available
 - Only PMC members and committers can speak during the meeting
 - ROS Project Leader
 - TGC Project representative
 - Reminder that Geoff will run the election in early January.
 - Need someone to run this meeting next week
 - Yadu to run it next week
- (Clara) Buildfarm update
 - PTAL: [Buildfarm Issues Triage Sheet!](#)
 - Fixed 🎉
 - [Ros2cli pytest timeout in RHEL nightlies](#) (workaround) thanks Chris!
 - Will report new issues throughout the week
- (clalancette) Waffle note-taker
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 - January 9 + January 16 - Christophe Bedard
 - William to run it this week and next week
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 - [Rosdistro statistics](#)
- Rosdistro issues (from the outgoing rosdistro mergers)
 -
- [ROS Boss](#)
 - Audrow
 -
 - Shane
 - Noetic sync this week
 - Steven!/Yadu
 - Yadu taking over as the Rolling ROS Boss
 - Marco
 -
 - Scott
 -
- rmw_zenoh
 - Lots of work merged
 - Finally made binary releases for Rolling, Jazzy, Humble
 - Some feedback from the community
 - Next steps
 - How to run CI jobs with rmw_zenoh?
 - Security features
 - Access control
 - Encryption
 - Authentication
- Conda/Windows
 - Rviz and rqt work

Agenda

- (janosch): Handling ABI breaks in stable distros
 - <https://github.com/ros2/rclcpp/issues/2652>
 - Severe bug
 - In template code
 - Not fixable in Jazzy without breaking ABI
 - Does it break ABI?
 - Is the bug severe enough to break ABI?
 - If you delete a subscriber, then other subscribers won't be executed anymore
 - True for sub, services, timers (all entities)
 - Multiple community reports of this problem
 - <https://github.com/ros2/rclcpp/pull/2713/files>
 - Take this one as-is
 - Steps
 - Do the backport - Janosch
 - Ping Marco to do a Jazzy sync soon-ish - William
 - Do a Jazzy sync - Marco
 - Do a discourse post - Michael C
- (janosch) Add an entity two times to a waitset
 - Only the first entry in the waitset will not be NULL
 - Is it OK to add the same entity more than once in a waitset?
 - You should not have duplicates
 - Should the waitset handle this gracefully (de-duplicating), or throw an error to the user?
 - An entity should only be in one waitset once
 - How did we get here?
 - Notifiers in the waitset might be added multiple times
 - Could have multiple waitables with the same guard condition in them
 -

2024 Archive

Dec 17, 2024

- ROS PMC business
 - Welcome!
 - Just a reminder; this document, and this meeting, are publicly available
 - Only PMC members and committers can speak during the meeting
 - TGC Project representative
 - Reminder that Geoff will run the election in early January.
 - Client library working group (Alberto)
 - Formal vote
 - Passed by consensus
 - Last ROS PMC meeting of 2024
 - Will cancel the December 24 and December 31 meetings
 - Happy Holidays
 - January 7 meeting is where we will formally vote on the ROS Project Leader, so make sure to attend
- (Clara) Buildfarm update
 - [November Greeness report](#)
 - [Buildfarm Issues Triage Sheet!](#)
 - New issues 
 - <https://github.com/ros2/urdf/issues/44>
 - Seems to have a fix in <https://github.com/ros2/urdf/pull/45> (Thanks Alejandro!)
- (clalancette) Waffle note-taker
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- Rosdistro issues (from the outgoing rosdistro mergers)
 - Coal: <https://github.com/ros/rosdistro/pull/43915>
 - Seems OK
 - Python-omniorb: <https://github.com/ros/rosdistro/pull/43904>
 - No Ubuntu key, but no reason not to take it
 - Chris to finish review
- [ROS Boss](#)
 - Audrow
 - Humble sync this week
 - One regression
 - Shane
 - Noetic sync this week (Freeze later today)
 - One regression
 - Steven!
 -
 - Marco
 - Jazzy one regression left
 - Working on a patch sync
 - Scott
 - RFC on preliminary release timeline for Kilted: https://github.com/ros2/ros2_documentation/pull/4905
 - Windows 11
 - Have to do some full virtualization
 - Preliminary look
- rmw_zenoh
 - Switch to using zenoh-cpp: https://github.com/ros2/rmw_zenoh/pull/327
 - Will enable us to fix some UB

- Will also enable us to use zenoh-pico as a “backend” in the future
 - Follow-up
 - Fixing of rest of the tests in the core
- Conda/Windows
 - Continued work on Windows Debug
 - Attempting to build Windows debug interpreter locally

Agenda

- (Miguel / Tomoya) Add `is_loaned_sample_valid` to RMW interface. From [this comment](#)
 - When running out of space in the buffer, choices are to either block the writers, or overwrite and have an “is_valid” call
 - But users would need to call that after doing work on held references
 - Make this an opt-in behavior, using the Fast-DDS-specific APIs
 - Extend native examples to show this
- (janosch) <https://github.com/ros2/rosidl/issues/842>
- (Tomoya) <https://github.com/ros-infrastructure/rep/pull/405>
 - Requesting review

Dec 10, 2024

- ROS PMC business
 - Welcome!
 - Just a reminder; this document, and this meeting, are publicly available
 - Only PMC members and committers can speak during the meeting
 - TGC Project representative
 - We have one extra seat.
 - We’ve had two self nominations; thanks!
 - As per <https://osralliance.org/staging/wp-content/uploads/2024/03/Policies-and-Procedures-of-Technical-Governance-of-the-Open-Source-Robotics-Alliance.pdf>, “Selection of Project Representatives”, Geoff will run the election in early January.
 - Client library working group (Alberto)
 - Any further updates, thoughts?
 - If not, will call for a formal vote at next week’s meeting
 - Will cancel the December 24 and December 31 meetings
- (Clara) Buildfarm update
 - [November Greenness report](#)
 - [Buildfarm Issues Triage Sheet!](#)
 - New issues 
 - https://github.com/ros2/performance_test/issues/59

- Flaky test that has become consistent
 - <https://github.com/ros2/rcldpy/issues/1386>
 - Rcldpy pybind not being found
 - PR jobs being run in parallel?
 - Michael Orlov to find a job reference
- (clalancette) Waffle note-taker
 - ~~September 19 + September 26 - William~~
 - ~~October 3 + October 10 - Tomoya~~
 - ~~October 17 + October 31 - Scott~~
 - ~~November 7 + November 14 - Michael G~~
 - ~~November 21 + December 5 - Michael Orlov~~
 - December 12 + December 19 - Shane
 - January 2 + January 9 - Christophe Bedard
 - January 16 + January 23 - Alex
 - January 30 + February 6 - Yadu
 - February 13 + February 20 - Audrow
 - February 27 + March 6 - Alberto
 - Retrospective
- (clalancette) [Rosdistro](#) assignments:
 - Chat channel for sync holds:
 - <https://discourse.ros.org/chat/c/packaging-and-release-management/11>
 - ~~October 8 - October 15 - Chris and Alberto~~
 - ~~October 15 - October 22 - Everyone~~
 - ~~October 22 - October 29 - Everyone~~
 - ~~October 29 - November 5 - Alex and Marco~~
 - ~~November 5 - November 12 - Christophe and William~~
 - ~~November 12 - November 19 - Shane and Yadu~~
 - ~~November 19 - November 26 - Michael Carroll and Steven!~~
 - ~~November 26 - December 3 - Tomoya and Audrow~~
 - ~~December 3 - December 10 - Dharini and Audrow~~
 - [Rosdistro statistics](#)
 - December 10 - December 17 - Chris and Alberto
 - December 17 - December 24 - Alex and Marco
 - December 24 - December 31 - Christophe and William
 - December 31 - January 7 - Shane and Yadu
 - January 7 - January 14 - Michael Carroll and Steven!
 - January 14 - January 21 - Tomoya and Audrow
 - January 21 - January 28 - Michael Orlov and Dharini
 - January 28 - February 4 - Scott and Chris
 - [Rosdistro statistics](#)
- Rosdistro issues (from the outgoing rosdistro mergers)
 -
- [ROS Boss](#)
 - Audrow

-
- Yadu
 - First and final public snapshot for Iron
 - Iron is now EOL
 - Final sync and patch
 - EOL in docs
 - Hold onto buildfarm jobs
- Shane
 - Nothing for Noetic
- Steven!
 - Rolling sync this week
- Marco
 - Jazzy patch sync next week
- Scott
 - REP-2000 update
- rmw_zenoh
 - dev/1.0 landed!
 - Follow-up:
 - Hold onto the session longer: https://github.com/ros2/rmw_zenoh/pull/333
 - Switch to using zenoh-cpp: https://github.com/ros2/rmw_zenoh/pull/327
 - Will enable us to fix some UB
 - Will also enable us to use zenoh-pico as a “backend” in the future
 - Windows support: https://github.com/ros2/rmw_zenoh/pull/312
 - Fixing of rest of the tests in the core
- Conda/Windows
 - Jose has been working on getting more dependencies into conda-forge
 - Did some additional testing
 - Pinned a few more packages
 - Got rqt to work
 - TODO
 - Test rviz
 - Work on Windows Debug

Agenda

- (Yadu/clalancette): Iron retrospective
 - Pretty problem-free distro
 - Numbers
 - Sync every 2 weeks consistently
 - Got 7 patch releases done
 - Could have done 1 or 2 more patch releases
 - Checking for regressions in RHEL packages during syncs
 - At least one incident where we dropped some RHEL packages

- Make it a bit more explicit to check package statuses for Ubuntu amd64, aarch64, and RHEL
 - Tutorial party went well
 - Lots of documentation problems fixed
 - Core repositories are strict for API/ABI
 - Community packages do not have the same guarantees
 - Get opinions from other maintainers
 - Would make for a smoother experience
 - Iron had some bugs
 - Some of it comes from more users
- (Alberto) rcl naming policy `rcl\_action\_server\_init2` <https://github.com/ros2/rcl/pull/1201>
 - Idea is to eventually replace `rcl\_action\_server\_init`
 - No objections
- (Alberto) policy on changes breaking API <https://github.com/ros2/rclcpp/pull/2691>
 - Add to documentation at <https://docs.ros.org/en/jazzy/Releases/Release-Jazzy-Jalisco.html#known-issues>
 - And in the rclcpp class docstring for Jazzy
- (Alberto) Should we add more things to experimental namespace?
 - Should new things close to a release go there?
 - Hard to say
 - We should maybe use this more
- (Alberto) Most ROS entities are created in the top layer
 - In some situations we are creating entities inside of rcl
 - Should all entities be created in top layer?

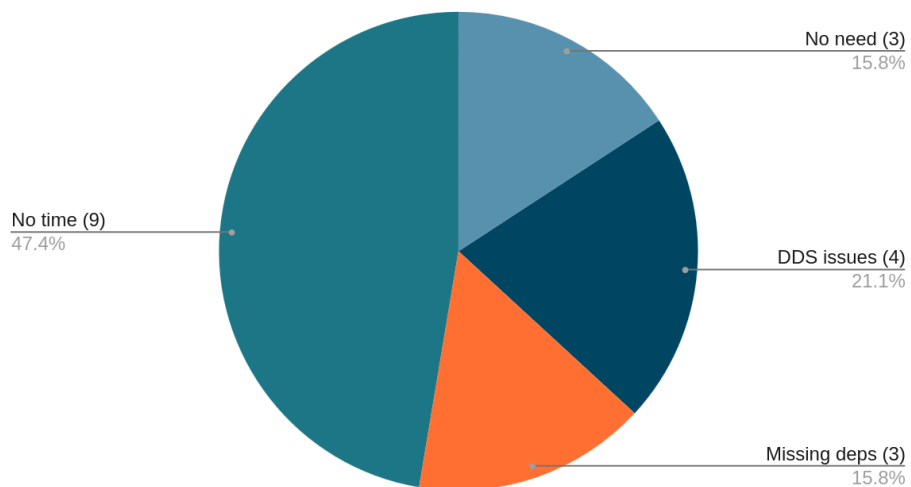
Dec 3, 2024

- ROS PMC business
 - Welcome!
 - Just a reminder; this document, and this meeting, are publicly available
 - Only PMC members and committers can speak during the meeting
 - Project Leader elections
 - Formal vote to confirm the list of Project Leader nominations:
 - Chris Lalancette
 - For: 9
 - Against: 0
 - Result: Approved
 - TGC Project representative
 - Nominations?
 - Client library working group (Alberto)
 - Alberto prepared charter
 - ROSCon retrospective (part 2)
 - Time box and do it next week

- Come with ideas/reflections about trends, technologies
- What takeaways should we have as a PMC
- Notes from ROS PMC strategy meeting at ROSCon
 - https://docs.google.com/document/d/15RD0FNfkVYD_Fg7V7z4dzASvUoH0K6Zclmkel0H-xXY/edit?tab=t.0
- Things that people are finding during transition from ROS 1 to ROS 2
 - Launch
 - Parameters
- What is the focus of the conference?
 - Application
 - Developer related
 - Does it make sense to do more multi-track?
 - Organizing committee wants most people together
 - Good for developers to meet each other
- People are not aware that they can release packages on rosdistro
 - Improve visibility/documentation
- Migrating from ROS 1 to ROS 2
 - Not sure if they should use DDS or Zenoh
 - Lots of conversations around Zenoh
- People don't know how to contribute
 - People not finding correct resources to start contributing
- Developer workshops
 - Where developers meet and talk about features that should be implemented for next release
 - Design
 - What needs to be done
- Development sprints/hackathon
 - People can get in a room and hold meetings
 - Or do development
- People had no idea what the PMC is
 - More known what the OSRA/PMC is
- PMC meeting was nice, but everyone was tired
 - Separate day for PMC meeting
 - And make it much longer
- Get the sense that there is more industrial backing to ROS 2
 - And used commercially
 - Previously, looked like more lab use
 - Companies are putting out drivers
 - Good direction
- ros1_bridge doesn't work very well
 - Could make it easier
- Launch file complaints
 - Maybe switch to XML launch files
- rclpy performance

- ROS 2 is more capable, but the initial experience is worse
 - ROS 1 was simpler
 - rclpy
 - Launch
 - ros2-gbp
 - Out-of-box experience is worse (death by a thousand cuts)
- People are not aware of how the projects are managed or built, or who works on them
 - OSRA could be louder about how it is structured, how it works
- A lot of people are using ROS 2
 - We don't always see that in GitHub
 - There's a lot of energy and enthusiasm, we have to figure out how to harness it
 - Want to know about a meeting where can ask about problems that are happening?

Why aren't some ROS 1 users migrating to ROS 2?



-
- (Jorge) Buildfarm update
 - Some new issues, investigations going on, syncing with the team after gathering more information
 - ros2cli.pytest.missing_result in nightly_linux-rhel_debug and nightly_linux-rhel_debug
 - Reference build: https://ci.ros2.org/job/nightly_linux-rhel_debug/2120
 - We had a closed issue for this one but started happening again <https://github.com/ros2/ros2cli/issues/932>
 - Workaround: https://github.com/ament/ament_lint/pull/505
 - New consecutive error on nightly_win_deb: rosidl_parser.mypy.xunit.missing_result
 - Reference build: https://ci.ros2.org/job/nightly_win_deb/3298

- Projectroot.gtest_multiple_service_calls__rmw_connextdds failing consecutively in win_rep builds
 - Reference build: https://ci.ros2.org/job/nightly_win_rep/3559
- (clalancette) Waffle note-taker
 - ~~September 19 + September 26 - William~~
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 - ~~October 17 + October 31 - Scott~~
 - ~~November 7 + November 14 - Michael G~~
 - November 21 + December 5 - Michael Orlov
 - December 12 + December 19 - Shane
 - January 2 + January 9 - Christophe Bedard
 - January 16 + January 23 - Alex
 - January 30 + February 6 - Yadu
 - February 13 + February 20 - Audrow
 - February 27 + March 6 - Alberto
 - Retrospective
- (clalancette) [Rosdistro](#) assignments:
 - Chat channel for sync holds:
 - <https://discourse.ros.org/chat/c/packaging-and-release-management/11>
 - ~~October 8 - October 15 - Chris and Alberto~~
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 - ~~November 19 - November 26 - Michael Carroll and Steven!~~
 - ~~November 26 - December 3 - Tomoya and Audrow~~
 - December 3 - December 10 - Dharini and Audrow
 - [Rosdistro statistics](#)
- Rosdistro issues (from the outgoing rosdistro mergers)
 - <https://github.com/ros/rosdistro/issues/43395> - on the infrastructure team
- [ROS Boss](#)
 - Audrow
 - Patch release for Humble - probably Thursday
 - Yadu
 - Iron EOL not quite done yet
 - ros2.repos update done
 - No sync or patch release
 - Shane
 - Noetic sync this week (Freeze today)
 - Steven!
 - Try to do another sync this week or next
 - Marco
 - Talk to Marco about doing an rclcpp release

- Scott
 - REP-2000 update for Kilted and rough release schedule
- rmw_zenoh
 - Still working on dev/1.0
- Conda/Windows
 - No update since last week

Agenda

- (Tomoya) <https://github.com/ros2/ros2cli/pull/925>
 - Overall, features makes sense
 - Maybe look at using rosbag2_py, if necessary
 - Michael Orlov and Chris to look at it

Nov 26, 2024

- ROS PMC business
 - Welcome!
 - Just a reminder; this document, and this meeting, are publicly available
 - Only PMC members and committers can speak during the meeting
 - Project Leader elections
 - Only one nomination: Chris Lalancette
 - Right after this meeting, will send out an email about taking a formal vote on this list at the December 3rd meeting
 - TGC Project representative
 - The TGC is supposed to be balanced between paying members, and PMC members
 - Right now, PMC only represented by one person (Project Leader)
 - ROS PMC has been allocated one additional TGC seat
 - Responsibilities
 - Voting on TGC initiatives
 - Attending monthly TGC meetings (90 minutes per month)
 - Prep for the monthly TGC meetings (varies, but usually about an hour or so of work a month)
 - Term begins in January
 - Must be a PMC member
 - Please nominate yourself for this!
 - ROSCon retrospective
 - Time box and do it next week
 - Come with ideas/reflections about trends, technologies

- What takeaways should we have as a PMC
- Notes from ROS PMC strategy meeting at ROSCon
 - https://docs.google.com/document/d/15RD0FNfkVYD_Fg7V7z4dzASvUoH0K6ZclmkeI0H-xXY/edit?tab=t.0
- Things that people are finding during transition from ROS 1 to ROS 2
 - Launch
 - Parameters
- What is the focus of the conference?
 - Application
 - Developer related
 - Does it make sense to do more multi-track?
 - Organizing committee wants most people together
 - Good for developers to meet each other
- People are not aware that they can release packages on rosdistro
 - Improve visibility/documentation
- Migrating from ROS 1 to ROS 2
 - Not sure if they should use DDS or Zenoh
 - Lots of conversations around Zenoh
- People don't know how to contribute
 - People not finding correct resources to start contributing
- Developer workshops
 - Where developers meet and talk about features that should be implemented for next release
 - Design
 - What needs to be done
- Development sprints/hackathon
 - People can get in a room and hold meetings
 - Or do development
- People had no idea what the PMC is
 - More known what the OSRA/PMC is
- PMC meeting was nice, but everyone was tired
 - Separate day for PMC meeting
 - And make it much longer
- Get the sense that there is more industrial backing to ROS 2
 - And used commercially
 - Previously, looked like more lab use
 - Companies are putting out drivers
 - Good direction
- (Clara/Cristobal) Buildfarm update
 - No new issues last week!
 - Will investigate windows repeated and rhel issues
 - No space left on device
 - No problems seen for now, agents still have a lot of space, and all the cleaning strategies are working as expected

- Removed all Rci_*_jammy jobs
- (clalancette) Waffle note-taker
 - ~~September 19 + September 26 - William~~
 - ~~October 3 + October 10 - Tomoya~~
 - ~~October 17 + October 31 - Scott~~
 - ~~November 7 + November 14 - Michael G~~
 - November 21 + December 5 - Michael Orlov
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 - January 16 + January 23 - Alex
 - January 30 + February 6 - Yadu
 - February 13 + February 20 - Audrow
 - February 27 + March 6 - Alberto
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- (clalancette) [Rosdistro](#) assignments:
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 - ~~November 19 - November 26 - Michael Carroll and Steven!~~
 - November 26 - December 3 - Tomoya and Audrow
 - December 3 - December 10 - Dharini and Chris
 - [Rosdistro statistics](#)
- Rosdistro issues (from the outgoing rosdistro mergers)
 - python3-distutils
 - Previously standard library that debian split out to separate package
 - Change this from python3 to python3-setuptools, which provides a shim
 - Or stop depending on this?
 - Switch dependency key for python3-distutils to python3-setuptools
- [ROS Boss](#)
 - Audrow
 -
 - Yadu
 - Iron is officially EOL
 - Open PRs to tag on ros2/rosdistro
 - Mark documentation EOL
 - Today or tomorrow
 - Shane
 - Noetic sync next week
 - Steven!

- Request for Rolling sync
 - Sync right now
- Marco
-
- rmw_zenoh
 - Still working on dev/1.0
- Conda/Windows
 - No update since last week

Agenda

- (christophebedard/clalancette) Should we make releases of ros2_tracing/rosbag2 like the other repositories, where we directly push to `rolling` during the release process (instead of doing a PR)?
 - https://github.com/ros2/ros2_tracing/pull/147#issuecomment-2498532650
 - Currently do a PR to check if it is an OK time to do a release
 - ros2_tracing used to be on Gitlab
 - Decision: treat ros2_tracing like the rest
 - Consider improving catkin_generate_changelog and catkin_prepare_release so that they can support a pull-request-based workflow
- (mjcarroll) rosdistro github action bot is talkative.
 - <https://github.com/ros/rosdistro/pull/43695#issuecomment-2500064063>
 - Collapsed sections could help a lot
 - Will check if we only set this for first-time users
- Janosch: CODEOWNERS
 - These people are not active
- Steven!: Only canonical encoding of who ROS Bosses are
 - Could highlight this on docs.ros.org
 - Could also have on rosdistro for functional
- William: genmsg on Noble email

Nov 19, 2024

- ROS PMC business
 - Welcome!
 - Just a reminder; this document, and this meeting, are publicly available
 - Only PMC members and committers can speak during the meeting
 - Project Leader elections
 - Further questions/thoughts?
 - Reminder to consider whether you would like to run for Project Leader
 - Nominations have to be in to Chris/Geoff by next week (November 25)
 - Will take formal vote to approve list on December 3 meeting

-
- (Clara/Cristobal) Buildfarm update
 - No new issues
 - [Buildfarm Issues Triage Sheet!](#)
 - **PTAL** to your assigned issues
 - [Infra] Update on no space left on device:
 - New agents with increased disk space to 630GB
 - Added cleaning routine of docker images and containers and increased rate of workspace cleaner to run every day.
- (clalancette) Waffle note-taker
 - ~~September 19 + September 26 - William~~
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 - ~~October 17 + October 31 - Scott~~
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 - ~~November 12 - November 19 - Shane and Yadu~~
 - November 19 - November 26 - Michael Carroll and Steven!
 - November 26 - December 3 - Tomoya and Audrow
 - December 3 - December 10 - Dharini and Chris
 - [Rosdistro statistics](#)
- Rosdistro issues (from the outgoing rosdistro mergers)
 - camera_info_manager_py (fork from [ros-perception/camera_info_manager_py](#) and ported to ROS 2)
 - <https://github.com/ros/rosdistro/pull/43324>
 - <https://github.com/ros/rosdistro/pull/43325>
 - Open issue on ros-perception camera_info_manager_py, if no response in some amount of time then archive repo
 - Open PR in ros/rosdistro offering guidance about forks in Review guidelines (Shane to open PR)

- Grant clearpath access to ros-perception/camera_info_manager_py?
 - (no, but willing to archive old one)
 - Merge into image-common? (Alex to leave comment offering this)
 - Kind of wild and woolly, could use some help
 - FYI: [New review automation](#) will be activated over the next day.
- [ROS Boss](#)
 - Audrow
 -
 - Yadu
 -
 - Shane
 - Nothing for noetic
 - Steven!
 - Request for Rolling sync
 - Marco
 - Jazzy sync this Thursday:

<https://discourse.ros.org/t/preparing-for-jazzy-sync-2024-11-21/40682>
- rmw_zenoh
 -
- Conda/Windows
 - No update since last week

Agenda

- (janosch): Talk about <https://github.com/ros2/rosidl/pull/748> in the context of Rolling
 - Talk about this further in the Client library working group
- (mjcarroll): (from waffle) <https://github.com/ros2/rcl/issues/1194>
-
- (christophebedard) connecting rcl logging and rmw (implementation) logging:

<https://github.com/ros2/rcl/issues/915>
 - Someone brought this back up. Add it to the pile of potential logging changes once we figure out logging? Or can we find a short-term solution?
 - You can call `rmw_set_log_verbosity` in client code
- (mikaelarguedas):
 - What is the best way to converge efforts to build ROS Noetic on newer Ubuntu to help transition to ROS 2?
 - ROS-O to build on newer versions of Ubuntu
 - Should we host non-official ROS-Noetic-on-Noble Docker images under the official dockerhub OSRF account?
 - The ROS PMC doesn't really have say here
 - If OSRF is putting them up and hosting them, OSRF should stand by them
 - Find another place to host it, point to it

- Should we host non-official ROS-O Docker images under the official dockerhub OSRF account?
- Document some of the approaches people are using.
- Using roswebjs to bridge from ROS 1 to ROS 2
- Consolidate the list of different approaches
- Meta - ROS 1 EOL/transition working group?

Nov 12, 2024

- ROS PMC business
 - Welcome!
 - Just a reminder; this document, and this meeting, are publically available
 - Only PMC members and committers can speak during the meeting
 - Please update the project governance doc to include your name/handle/role in the ROS 2 PMC:

https://github.com/ros2/ros2_documentation/blob/rolling/source/The-ROS2-Project/Governance.rst?plain=1#L40

 - Still missing:
 - Erik Boasson
 - Aditya Pande
 - Brandon Ong
 - Steve Macenski
 - G A van der Hoorn
 - Morgan Quigley
 - Andrea Sorbini
 - Project Leader elections (Geoff)
 - Every year required to have an election
 - Details are specified in the TGC Policies and Procedures
 - https://github.com/openrobotics/osra-policies-and-procedures/blob/main/technical_governance_policies_and_procedures.md#selection-of-the-project-leader
 - Need to think about what it takes to be Project Leader
 - What does that person need to commit to?
 - Project Leaders can come from different orgs
 - What should the Project Leader be doing (and how much time)?
 - Highest priority: Administrivia
 - Run meetings
 - Events
 - Run discussions
 - Access control to repositories
 - Permissions
 - Delegation of tasks

- Building of future project leaders
- Project Level administration
 - PR reviews - since anyone can do, maybe lowest priority
 - Oversight
- Outreach
- Development
 - Coordinate big development efforts
 - Roadmap for future development
 - Find new maintainers
- Is there a second in command?
 - Not right now
 - TGC can appoint an interim if the Project Leader goes away
 - Ad-hoc can happen
 - Someone can step in and turn the crank
- Good to rotate responsibilities around
 - Need to have nominations in by November 25
 - Will do a formal vote to approve the list of nominations on December 3
- ROSCon retrospective
 - Time box and do it next week
 - Come with ideas/reflections about trends, technologies
 - What takeaways should we have as a PMC
- Ideas for OSRA money
 - Hiring rotating documentation writers
 - SEO architect/consultant for docs.ros.org / all ROS-related sites
 - Hiring interns
 - GSoc experience
 - May be able to get money from GSoc for this
 - But interns typically only stay for the amount of time we pay them
 - More targeted application-specific tutorials
 - Interns?
 - Bounty?
 - e.g. Simulate a robot arm with MoveIt in Gazebo
 - e.g. Simulate a turtlebot in Gazebo
 - Tech writer contract
 - Advanced tutorials/design documentations
 - About TF
 - Currently mostly have to look at source
 - Add in integration tests
 - e.g. Simulation with MoveIt
 - Website redesign
 - <https://index.ros.org>
 - <https://docs.ros.org>

- Better SEO for newer distros
 - Pull docs.ros2.org off the internet
 - Fix the canonical-url on docs.ros.org
 - More visibility to third-party packages
 - Many super useful
 - But people are not aware of them
 - Notes from ROS PMC strategy meeting at ROSCon
 - https://docs.google.com/document/d/15RD0FNfkVYD_Fg7V7z4dzASvUo_H0K6Zclmkel0H-xXY/edit?tab=t.0
- (Clara/Cristobal) Buildfarm update
 - No new issues last week!
 - [Buildfarm Issues Triage Sheet!](#)
 - **PTAL** to your assigned issues
 - No space left in buildfarm agents
 - We're working on cleaning strategies
 - Ping @Crola1702 if you see this problem in your builds
- (clalancette) Waffle note-taker
 - ~~Retrospective~~
 - ~~June 13 + June 20 - William~~
 - ~~June 27 + July 11 - Tomoya~~
 - ~~July 18 (Shane running) + July 25 - Scott~~
 - ~~August 1 + August 8 - Michael G~~
 - ~~August 15 + August 22 - Michael Orlov~~
 - ~~August 29 + September 5 - Shane~~
 - Retrospective
 - Need permissions to assign people to issues
 - Subjectively, feels like getting through more issues
 - ~~September 19 + September 26 - William~~
 - ~~October 3 + October 10 - Tomoya~~
 - ~~October 17 + October 31 - Scott~~
 - November 7 + November 14 - Michael C
 - November 28 + December 5 - Michael Orlov
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 - Retrospective
- (clalancette) [Rosdistro](#) assignments:
 - Chat channel for sync holds:
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 - ~~August 20 - August 27 - Chris and Alberto~~
 - ~~August 27 - September 3 - Alex and Marco~~

- ~~September 3 - September 10 - Christophe and Michael Carroll~~
- ~~September 10 - September 17 - William and Yadu~~
- ~~September 17 - September 24 - Shane and Steven!~~
- ~~September 24 - October 1 - Tomoya and Audrow~~
- ~~October 1 - October 8 - Michael Orlov and Scott~~
- [Rosdistro statistics](#)
- ~~October 8 - October 15 - Chris and Alberto~~
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- November 26 - December 3 - Tomoya and Audrow
- December 3 - December 10 - Dharini and Chris
- [Rosdistro statistics](#)
- Rosdistro issues (from the outgoing rosdistro mergers)
 - Bunch of open PRs
 - rosdep keys
- [ROS Boss](#)
 - Audrow
 -
 - Yadu
 -
 - Shane
 - Noetic Sync and [nodelet core release](#)
 - Steven!
 -
 - Marco
 -
- rmw_zenoh
 -
- Conda/Windows
 - No update since last week

Agenda

- (christophebedard) launch: feedback/impressions on this ForLoop action: <https://github.com/ros2/launch/pull/802>
 - Hard to do repeated items
 - Created a ForLoop action that can repeat entities
 - Supports Python and the frontends
 - Useful for very complex launch files with N numbers of robots
 - Also useful for multiple cameras

- GitHub actions matrix operator could be an inspiration
 - N actions based on N being a launch argument
 - Currently launch files are declarative
 - This is importing some imperative things
 - Becomes more difficult to write checkers/linters
 - Doesn't do anything you can't already do via OpaqueFunction
 - We already have conditionals
 - We are OK with this from a pragmatic POV
- (clalancette): <https://github.com/ros2/geometry2/pull/720> and related "backports"
 - Already discussed this in Waffle, take the backports
- (clalancette): Removal of float128: https://github.com/ros2/rosidl_dynamic_typesupport/issues/11
- (clalancette): Allow legacy field names in rosidl_generate_interfaces: <https://github.com/ros2/rosidl/pull/834>
 - We're OK with this in theory
 - Retarget to rolling
 - Check the warning message/improve it
 - Check that we aren't skipping *all* checks (some are for language-specific problems)
- (janosch): Talk about <https://github.com/ros2/rosidl/pull/748> in the context of Rolling
- (mjcarroll): (from waffle) <https://github.com/ros2/rcl/issues/1194>

Nov 5, 2024

- (Clara/Cristobal) Buildfarm update
 - [October greenness report](#)
 - This month has a slightly better than the previous one. However, we still need to fix the present issues in the buildfarm!
 - PTAL your assigned issues in [Buildfarm Issues Triage Sheet](#)
 - Iron test regressions
 - We're disabling multiple tests that are failing in Iron because we don't expect to fix them as Iron is near EOL
 - No new issues last week!
- ROS PMC business
 - Welcome!
 - Just a reminder; this document, and this meeting, are publically available
 - Only PMC members and committers can speak during the meeting
 - Please update the project governance doc to include your name/handle/role in the ROS 2 PMC: https://github.com/ros2/ros2_documentation/blob/rolling/source/The-ROS2-Project/Governance.rst?plain=1#L40
 - Still missing:

- Erik Boasson
 - Aditya Pande
 - Brandon Ong
 - Steve Macenski
 - G A van der Hoorn
 - Morgan Quigley
 - Andrea Sorbini
- Formal vote on the Kilted ROS Boss
 - One candidate: Scott Logan
 - 11 PMC members present: quorum
 - Unanimous vote for Scott as the Kilted ROS Boss
- Daylight Savings time: Should we change the time of this meeting?
 - No, this time works best for majority of attendees
- Will collect hot-takes, ideas for OSRA money, and notes from ROS strategy meeting, present next week (too many agenda items for this week already), ROSCon retrospective
- (mjcarroll) PMC Process questions
 - (Generally I think we should be a little louder about what we are doing here, based on conversations at roscon)
 - Should we be publicly announcing these meetings somewhere on a weekly cadence?
 - Maybe a scheduled Monday post saying which meetings are happening when during the week
 - Follow-up work here between Geoff, Kat, Chris, Addisu
 - Figure out when and how to post
 - Figure out a procedure for non-PMC members/committers to add things to the agenda
 - Working groups - What is the process for setting one up, what calendar should they appear on? (specific context is client library wg)
 - https://github.com/openrobotics/osra-policies-and-procedures/blob/main/technical_governance_policies_and_procedures.md
 - <https://github.com/openrobotics/osra-policies-and-procedures/pull/3>
 - Discoverability is bad
 - People don't know about the existence of the Working Groups
 - Chris to check email for Client Library Working Group
- (mjcarroll) Maybe a ROSCon retrospective would be useful?
 - Gather perspectives and things they saw
- (tfoote) Request for access to ament_lint, ament_cobra and ament_ikos
 - Ament_lint is under ROS PMC and goes through contributor/commmitter access
 - Ament_cobra, ament_ikos would likely be best to transfer to a Space ROS hosting as they're the maintainers.
- (clalancette) Waffle note-taker

- ~~Retrospective~~
- ~~June 13 + June 20 - William~~
- ~~June 27 + July 11 - Tomoya~~
- ~~July 18 (Shane running) + July 25 - Scott~~
- ~~August 1 + August 8 - Michael C~~
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- ~~August 29 + September 5 - Shane~~
- Retrospective
 - Need permissions to assign people to issues
 - Subjectively, feels like getting through more issues
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- Retrospective
- (clalancette) [Rosdistro](#) assignments:
 - Chat channel for sync holds:
<https://discourse.ros.org/chat/c/packaging-and-release-management/11>
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 - November 26 - December 3 - Tomoya and Audrow
 - December 3 - December 10 - Dharini and Chris
 - [Rosdistro statistics](#)
- Rosdistro issues (from the outgoing rosdistro mergers)

- rosdep PRs please!
- [ROS Boss](#)
 - Audrow
 - Humble sync yesterday
 - 2 weeks Humble patch
 - Yadu
 -
 - Shane
 - Next sync next week
 - Request to release nodelet_core
 - Steven!
 -
 - Marco
 -
- rmw_zenoh
 - Big push is to get up to Zenoh 1.0
 - More failing tests than with 0.11
 - Working on threading issues as well
 - 1 more PR for clients
- Conda/Windows
 - <https://github.com/ros2/ci/tree/clalancette/conda>
 - Can now successfully compile all of ROS 2 on Rolling, Humble
 - A few failing tests, need to look into those
 - Still need to work on Windows Debug
 - Jose working on packaging some additional/optional dependencies in conda-forge

Agenda

- (clalancette): Review of open Iron PRs:
 - https://docs.google.com/spreadsheets/d/1KuGev4WeYJ2W9YNKF_FbybGpsUj4ddBydDBmE0BTbMQ/edit?gid=0#gid=0
-

Oct 29, 2024

- ROS PMC business
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 - Just a reminder; this document, and this meeting, are publically available
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 - ROSCon strategy meeting

-
- Please update the project governance doc to include your name/handle/role in the ROS 2 PMC:
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 - Still missing:
 - Erik Boasson
 - Aditya Pande
 - Brandon Ong
 - Steve Macenski
 - G A van der Hoorn
 - Morgan Quigley
 - Andrea Sorbini
 - Scott Logan
- Choosing a ROS Boss for Kilted
 - We have exactly one candidate
 - Please remember to join next week (October 29) so we can take the formal vote!
- OSRA money
 - possible use of OSRA ROS PMC money: hiring interns?
 - GSoc experience
 - May be able to get money from GSoc
 - Interns only stay for the amount of time we pay them
-
- Mentorship
 - May need it for interns
 - But also could mentor people directly onto the PMC
 - Either new people, or someone who has contributed “some” in the past
- (Cristobal) [Async] Buildfarm update
 - PTAL [buildfarm issues spreadsheet](#)
 - Specially not assigned ones
 - Fixed:
 - Thanks Tomoya for the fix on <https://github.com/ros2/ros2cli/issues/932!>
 - Fixing:
 - [TestClient.client_qos failing in Iron Connex](https://github.com/ros2/rclcpp/pull/2658) being disabled in: <https://github.com/ros2/rclcpp/pull/2658>
- (clalancette) Waffle note-taker
 - ~~Retrospective~~
 - ~~June 13 + June 20 – William~~
 - ~~June 27 + July 11 – Tomoya~~
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 - [Rosdistro statistics](#)
- Rosdistro issues (from the outgoing rosdistro mergers)
 -
- [ROS Boss](#)
 - Audrow
 - Humble sync this week
 - Patch in ~3 weeks

- Yadu
 - Iron sync this week
 - Final Iron patch in 2-3 weeks
 - Final Iron sync in late November
- Shane
 - Noetic sync this week
- Steven!
 -
- Marco
 - Cyclone release coming, do a Jazzy patch
- rmw_zenoh
 - Working towards Tier-1 status
 - Only 4 or 5 tests left to fix!
 - Big push is to get up to Zenoh 1.0
 - More failing tests than with 0.11
 - Working on threading issues as well
 - 1 more PR for clients
- Conda/Windows
 - <https://github.com/ros2/ci/tree/clalancette/conda>
 - Can now successfully compile Windows
 - Still working on tests, Windows debug, older distributions
 - Older distributions
 - Would prefer to have one system to build, so switch everything to Conda/pixi
 - Easier just to have one setup to deal with
 - In contact with Silvio, working through some issues

Agenda

- (emerson): Global topic statistics

Oct 15, 2024

- ROS PMC business
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 - ROSCon strategy meeting
 - Conference venue: Room 109 for two hours from 19:00 to 21:00 on October 23rd

- Tentative Agenda (add anything you want to talk about):
 - Ideas on how to increase contribution and contributors to ROS 2 core?
 - Big-ticket items we should be pursuing
 - How to spend OSRA money
 - Chris to send an invite
- Please update the project governance doc to include your name/handle/role in the ROS 2 PMC:

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 - Still missing:
 - Erik Boasson
 - Aditya Pande
 - Brandon Ong
 - Steve Macenski
 - G A van der Hoorn
 - Morgan Quigley
 - Andrea Sorbini
 - Scott Logan
- Will cancel this meeting on October 22 (ROSCon)
- Choosing a ROS Boss for Kilted
 - We have exactly one candidate
 - I will send out an email to take a formal vote on the ROS Boss for Kilted at the October 29 meeting
- (Clara) Buildfarm update
 - [Project buildfarm dashboard](#)
 - [Greenness report September](#)
 - Issues Waffle triage:  Buildfarm Issue Waffle Triage
 - [ros2/launch_ros#408](#): [PR](#) open to disable it (Thanks @blast_545)
 - [ros2/ros2cli#932](#): [PR](#) to revert the change (Thanks @fujitatomoya)
 - [ros2/rclcpp#2588](#): Progress made towards a solution (Thanks @fgallegosalido)
 - New issues
 - [ros2/rclcpp#2646](#) : TestGenericService generic_service_qos failing in Rolling Connex
 - [ros2/ros2cli#932](#): (reappeared) ros2cli pytest timeout in RHEL nightlies
 - Fixed 🎉 (no reported issues fixed)
- (clalancette) Waffle note-taker
 - ~~Retrospective~~
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- December 3 - December 10 - Dharini and Chris
 - [Rosdistro statistics](#)
- Rosdistro issues (from the outgoing rosdistro mergers)
 - <https://github.com/ros/rosdistro/pull/43178>
 - Kind of weird, need a justification
 - But no really hard objection
 - <https://github.com/ros/rosdistro/pull/43173>
 - We are a bit concerned about this conflicting with the system installed version
 - Ask the contributor to test whether this conflicts with the system one
 - From Scott:
 - Follow-up on `opencv-contrib-python`: You should absolutely push back.
 - It installs a `cv2` python module that certainly conflicts with the standard OpenCV. I don't see any other modules provided, so I don't know what they're talking about in the README.
 - <https://github.com/ros/rosdistro/pull/43171>
 - Scott to review
 - Chris to merge
 - <https://github.com/ros/rosdistro/pull/43150>
 - One solution is to make <https://prerelease.ros.org> work for ROS 2
 - colcon-in-container: <https://github.com/canonical/colcon-in-container>
 - Similar to the buildfarm scripts
- [ROS Boss](#)
 - Audrow
 - Humble is in sync freeze
 - Yadu
 -
 - Shane
 - Noetic freeze today; sync Thursday
 - Steven!
 -
 - Marco
 - One regression - will do a sync after fixing that
- rmw_zenoh
 - Working towards Tier-1 status
 - Only 4 or 5 tests left to fix!
 - Big push is to get up to Zenoh 1.0
 - More failing tests than with 0.11
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 - 1 more PR for clients
- Conda/Windows
 - Started work on this
 - <https://github.com/ros2/ci/tree/clalancette/conda>
 - Can now successfully compile Windows

- Still working on tests, Windows debug, older distributions
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Agenda

- (mjcarroll) Improving rclcpp::Time API: <https://github.com/ros2/rclcpp/issues/2649>
- Hot takes
 - Non-LTS releases?
 - Real maintenance cost
 - How much do people use non-LTS releases?
 - No more than 15% of the community
 - Who are they for?
 - What if we only released LTS releases (every 2 years)?
 - Pro
 - Fewer distributions to support
 - Less work on the odd years (no release)
 - Con
 - No checkpoint for the code and the release process
 - Lots more work, since we'll have to deal with both the release process and the code
 - Won't find problems in the release process

Oct 8, 2024

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 - Morgan Quigley
 - Andrea Sorbini
 - Scott Logan
 - Choosing a ROS Boss for Kilted
 - Just reminding people to consider it :)
 - Some OSRA money available to the projects
-
- (Clara) Buildfarm update
 - Project buildfarm dashboard: <https://github.com/osrf/buildfarm-tools/blob/main/ROS2.md>
 - Greenness report September: <https://osrf.github.io/buildfarm-tools/2024>
 - Notes:
 - ci.ros2.org had a hard month in September and that impacted the greenness numbers of the nightlies.
 - Issues Waffle triage:  Buildfarm Issue Waffle Triage
 - <https://github.com/ros2/rosidl/pull/830> made nightlies red yesterday
 - Rework on <https://github.com/ros2/rosidl/pull/831>
 - Fixed 🎉 (no reported issues fixed)
- (clalancette) Waffle note-taker
 - ~~Retrospective~~
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 - [Rosdistro statistics](#)
- Rosdistro issues (from the outgoing rosdistro mergers)
 - <https://github.com/ros/rosdistro/pull/43003>
 - Chris to look
- [ROS Boss](#)
 - Audrow
 -
 - Yadu
 - Iron regression
 - Package version went down in bloom
 - May revert
 - Shane

- Nothing for Noetic
 - One minor fix for ros_comm update
- Steven! (in absentia)
 - Desktop regressed on Rolling.
 - Attempt to resolve before a sync later this week.
- Marco
 -
- rmw_zenoh
 - Working towards Tier-1 status
 - Only 4 or 5 tests left to fix!
 - Big push is to get up to Zenoh 1.0
 - Switch to 1.0 before ROSCon
 - More failing tests than with 0.11
 - Working on threading issues as well
 - 2 more PRs for clients and services
- Conda/Windows
 - Started work on this
 - <https://github.com/ros2/ci/tree/clalancette/conda>
 - Can now successfully compile Windows
 - Still working on tests, Windows debug, Connex, older distributions
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 - Would prefer to have one system to build, so switch everything to Conda/pixi
 - Easier just to have one setup to deal with

Agenda

- (kscottz): ROS front page
 - https://drive.google.com/drive/u/1/folders/1mLtnM_jDfmsKkLU_1shlcLXOpGD6l26l
- (geoff): NVIDIA
 - Replace colcon with bazel
 - It's a lot
 - Take an existing pre-built workspace, and figure out
 - Bazel wants to build everything
 - And rewrite all of the build system
 - Expected to do a lot of work on your own
 - Not just rewrite ROS buildsystem, and for all transitive dependencies
 - A lot of expectations about the FHS
 - Bazel is incompatible with this
 - Opening a file to read a plugin.xml
 - Can't just open the file, ask Bazel to do this
 - Build system that doesn't work well for a federated model
 - Bazelmod makes some of this easier

- But no build_export_depend
- Bazel makes command-line harder
- CMake is wildly popular compared to Bazel
- ROS-with-bazel
 - Make Bazel call CMake
 - Inject Bazel run files
- Almost always possible to fix problems
 - But high price
 - Need to rewrite a lot of tools
 - It's been a ton of work, but it works well
 - Painful internally, and for customers
- Bazel multi-platform support is weak
 - Almost non-existent
 - Specifically Windows
- C++20 for ROS-K
 - RTOS/embedded related people lag behind
 - Want coroutines and modules
 - <https://arewemodulesyet.org/tools/>

Oct 1, 2024

- ROS PMC business
 - Welcome!
 - Just a reminder; this document, and this meeting, are publically available
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 - Fill out Doodle for availability at ROSCon
 - Will set something up on Wed, October 23 at 7pm
 - Please update the project governance doc to include your name/handle/role in the ROS 2 PMC:
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 - Audrow Nash
 - Scott Logan
 - Choosing a ROS Boss for Kilted

- Just reminding people to consider it :)
- Some OSRA money available to the projects
 - Ideas?
 - More targeted application-specific tutorials
 - Intern?
 - Bounty?
 - e.g. Simulate a robot arm with MoveIt in Gazebo
 - e.g. Simulate a turtlebot in Gazebo
 - Tech writer contract
 - Advanced tutorials/design documentations
 - About TF
 - Currently mostly have to look at source
 - Add in integration tests
 - e.g. Simulation with MoveIt
 - Website redesign
 - <https://index.ros.org>
 - <https://docs.ros.org>
 - Better SEO for newer distros
 - Pull docs.ros2.org off the internet
 - Fix the canonical-url on docs.ros.org
 - More visibility to third-party packages
 - Many super useful
 - But people are not aware of them
- (Clara) Buildfarm update
 - Project buildfarm dashboard: <https://github.com/osrf/buildfarm-tools/blob/main/ROS2.md>
 - Greenness report August: <https://osrf.github.io/buildfarm-tools/2024>
 - Cristobal is OoO this week
 - New issues Waffle triage:  Buildfarm Issue Waffle Triage
 - Test_launch_ros hanged consistently on linux_rhel_debug jobs and randomly in others, see: <https://osrf.slack.com/archives/C04R65U5CNA/p1727698190237219> and revert PR to address the situation: https://github.com/ros2/rmw_fastrtps/pull/779
 - Follow up: Taking a look to timeouts in test_launch_ros
 - gnu.org is out, and we don't have windows CI that requires `freetype2` in the meantime, see: <https://osrf.slack.com/archives/C04R65U5CNA/p1727791144451359>
 - [Jorge] Anything we could do on our side?
 - Fixed 🎉
 - [ros2/rclpy#1347](https://github.com/ros2/rclpy/pull/1347) (thanks @fujitatomoya and @fgallegosalido)
 - Pending backport to Humble

- Backport to address remaining warning in Jazzy jobs:
<https://github.com/ros2/rosidl/pull/827>
- (clalancette) Waffle note-taker
 - ◉ ~~Retrospective~~
 - ◉ ~~June 13 + June 20 - William~~
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 - ◉ [Rosdistro statistics](#)

- Rosdistro issues (from the outgoing rosdistro mergers)
 -
- [ROS Boss](#)
 - Audrow
 -
 - Yadu
 - Iron sync on Friday, announcement later today
 - Shane
 - Noetic looking good for sync freeze today
 - Sync on Thursday
 - Steven!
 - Rolling sync next week
 - Marco
 -
- rmw_zenoh
 - Working towards Tier-1 status
 - Only 6 tests left to fix!
 - Big push is to get up to Zenoh 1.0
 - Working on threading issues as well
 - Switch to 1.0 before ROSCon

Agenda

- Hot takes (if we have time)
 - Should be able to `pip install ros` and have something that works
 - Pop open a Jupyter notebook/python console and `import ros` connect to ROS
 - rclpy performance is bad and needs some time
 - serialization performance
 - When publishing high frequency, executor is bottleneck
 - When publishing large messages, serialization is bottleneck
 - Callback groups in python are not needed
 - rosidl_python translates python structures to C structures
 - Then uses C typesupport
 - People are confused by deb packages and Linux
 - Very tied up in the Unix model, makes the learning curve steep
 - People may not have experience with a bash terminal
 - Conan looking at ROS 2 integration
 - Conda looking at ROS 2 integration
 - rqt?
 - How much should we invest in rqt, rather than using other tools (PlotJuggler, etc)?
 - rqt, rviz, Gazebo should be all the same tool

Sep 24, 2024

- ROS PMC business
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 - Andrea Sorbini
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 - Choosing a ROS Boss for Kilted
 - Just reminding people to consider it :)
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 - Buildfarm update
 - Project buildfarm dashboard:
<https://github.com/osrf/buildfarm-tools/blob/main/ROS2.md>
 - Greenness report August: <https://osrf.github.io/buildfarm-tools/2024>
 - New issues experimental Waffle triage:  Buildfarm Issue Waffle Triage
 - (unassigned tickets to be assigned)
 - Fixed 🎉
 - [ros2/ros2cli#932](#) (thanks @fujitatomoya)
 - Notes
 - We need to backport this to Iron, could use some help pinging RTI on this.
 - https://github.com/ros2/rmw_connextdds/pull/157
 - On the way 🛠️ (no new issues)
 -
- (clalancette) Waffle note-taker
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 - Yadu
 - Iron sync yesterday
 - Nothing for next couple of weeks

- Shane
 - Next Noetic sync Oct 3rd to give time to test ros/ros_comm release, [Please try it out!](#)
 - Hold will start Oct 1
- Steven!
 - Request for a Rolling sync
 - Ticket open regressions
 - Sync this week
- Marco
 - Patch and sync yesterday
- rmw_zenoh
 - Working towards Tier-1 status
 - Big push is to get up to Zenoh 1.0
 - Working on threading issues as well
 - Switch to 1.0 before ROSCon
 - Fix segfault in rclcpp with rmw_zenoh
 - Getting tests to pass
 - Fix test expectations
 - Ensure that context is properly shutdown
 - Statics in Rust can lead to segfaults
 - Waiting on PR reviews
 - Did another round of reviews on 1.0 port
 - Still seeing issues with liveliness tokens
<https://github.com/ros2/rcl/issues/1189>

Agenda

- (clalancette): roscan-tech bot
 - They've kindly agreed to pause on this
 - Do we want automated backports?
 - If it is not compatible for a reason, then it is just noise
 - Fine with it
 - Nice have to ABI compatibility checker, so we can know
 - Then can make decision
 - But sometimes don't want to make a behavior change
 - In theory the buildfarm can do this already
 - test_abi_check: true in rosdistro entry
 - Look at what the current state is
 - Adapted the one from the KDE project
 - Can possibly ask Mergify to open backport PR before original is merged
 - And auto-merge once the original merge
 - ROS-I has an ABI checker in a GitHub action
 - Let's turn it on for rclcpp
 - Chris to submit to rosdistro to turn for rclcpp

- Or rosbag2
 - Focus is to develop AI agent, not on ROS 2
 - So not that nice
 - Less noise is preferable
 - Needs to be up to maintainers
- (clalancette): Need reviews on improvements to python venvs (removal of python_cmake_module):
 - <https://github.com/ros2/ros2/pull/1524>
 - https://github.com/ros/resource_retriever/pull/94
 - <https://github.com/ros2/ci/pull/755>
 - https://github.com/ros2/orocos_kdl_vendor/pull/26
- (wjwwood) from waffle: https://github.com/ros2/rosidl_python/pull/216
 - Python3: divide two integers results in float
 - So auto-converting is least surprising behavior
 - We could also change the check, but that is different than what we do elsewhere
 - We'll take this PR, pending review

Sep 17, 2024

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 - Pending/New issues experimental Waffle triage:
 - 📅 Buildfarm Issue Waffle Triage
 - (unassigned tickets to be assigned)
 - Fixed 🎉
 - <https://github.com/ros2/rosbag2/pull/1796> (Thanks @clalancette and @MichaelOrlov)
 - On the way 🚧 (no new issues)
- (clalancette) Waffle note-taker
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- [Rosdistro statistics](#)
- Rosdistro issues (from the outgoing rosdistro mergers)
- [ROS Boss](#)
 - Audrow
 - Yadu
 - Shane
 - Resolving Noetic regressions; will do a call for testing soon
 - Steven!
 - Request for a Rolling sync
 - Marco
- rmw_zenoh
 - Working towards Tier-1 status
 - Big push is to get up to Zenoh 1.0
 - Working on threading issues as well
 - Switch to 1.0 before ROSCon
 - Fix segfault in rclcpp with rmw_zenoh

Agenda

- (clalancette) <https://github.com/ros2/ros2cli/pull/933>
- (clalancette) Need someone to run Waffle meeting on September 19
 - Shane will do it.

Sep 10, 2024

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 - ros2/examples: [launch_testing_examples tests set_param_launch_test and check_node_launch_test RuntimeError in Humble and Iron Connext](#)

- ros2/rcldpy: [Humble TestClient.test_service_timestamps failing consistently in Connex](#)
 - <https://github.com/ros2/launch/issues/796>
 - <https://github.com/ros2/rclcpp/issues/2613>
- (clalancette) Waffle note-taker
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- Rosdistro issues (from the outgoing rosdistro mergers)
 - rosdistro: <https://github.com/ros/rosdistro/pull/42734>
 - This person is trying to release their own fork of someone else's (inactive) repo into Noetic. They waited ~1.5 week in between asking the original maintainer and opening a rosdistro PR. I believe we've had this kind of thing before, but I don't remember if there were any official guidelines.
 - Old rep related to this problem: <https://github.com/ros-infrastructure/rep/pull/150>
 - Chris to open a PR to REVIEW_GUIDELINES to add in waiting time (~4 weeks), and contact methods
 - Christophe or Shane to comment on original
- [ROS Boss](#)
 - Audrow
 -
 - Yadu
 - Iron sync yesterday
 - Quiet for this week
 - Shane
 - Intend to do a ros_comm release and call for testing
 - Steven!
 - Request for a Rolling sync
 - Marco
 - OoO last week
 - Try to do a patch release this week
 - Fast-DDS updates
 - Miguel Company - MiguelCompany
 - CycloneDDS updates
 - Erik Boasson - eboasson
- rmw_zenoh
 - Working towards Tier-1 status
 - Big push is to get up to Zenoh 1.0
 - Working on threading issues as well
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Agenda

- (security): <https://github.com/ros2/ros2/issues/1589>
- (sloretz) Non-ROS dependencies in ROS
 - <https://discourse.ros.org/t/buildfarm-make-install-error/39231>
 - ROS 2 has ament_cmake_vendor_package, but should we encourage using that outside of the core?
 - Chris: yes we should recommend people to use ament_cmake... to make it clear that it's a vendor package

- Maybe we can discuss this item on <https://github.com/ros-infrastructure/rep/pull/406> instead of during the PMC meeting
- (sloretz) Topic remapping from yaml file <https://github.com/ros2/rcl/issues/1179>
 - File is currently passed to node via argument called --params-file, so CLI option might need to be renamed if we go forward with this
 - Chris to add in a list of repositories that will likely need changes to implement this
- (clalancette): Does changing member variables in a templated class change ABI? <https://github.com/ros2/rclcpp/pull/2623>
 - Yes, changes the layout/size of downstream
- (clalancette): Should we consider banning roscan-tech ?
 - Ask them why they are doing it
 - If no response, warn
 - After warning, ban

Sep 3, 2024

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 - Steven! Ragnarok
 - Yadunund Vijay
 - Choosing a ROS Boss for Kilted
 - What is the ROS Boss?

- The person ultimately responsible for a ROS release
 - Mostly concerned with the nuts-n-bolts of doing the release
 - Works closely with the ROS Project Leader
 - Based on <https://github.com/orgs/ros2/projects/49>
- What is the time commitment?
 - ~25% time in January and February
 - ~50% time in March, April, and May
 - Ongoing syncs/patch releases afterwards (a few hours a week, typically)
 - For Kilted, supported May 2025 - November 2026
- How to sign up?
 - If a ROS PMC member or committer:
 - Email clalancette.github@gmail.com and geoff@openrobotics.org with a short summary of why you want to do it and why you are a good candidate
 - If you want to volunteer someone from outside the PMC:
 - Must have a sponsor who is on the PMC
 - Email clalancette.github@gmail.com and geoff@openrobotics.org with a summary of who the person is and why they are a good candidate
 - These candidates will be vetted first; may be eliminated
 - Deadline is October 1
- How do we choose?
 - Early in October, will send out the summaries from all candidates
 - Will take a formal PMC vote (likely October 15 meeting) to choose
- (Clara) Buildfarm update
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-
- [ROS Boss](#)
 - Audrow
 -
 - Yadu
 - Iron sync this week
 - Shane
 - No Noetic sync last week
 - Has a regression in mrpt packages
 - Steven!
 -
 - Marco
 -
- rmw_zenoh
 - Working towards Tier-1 status

Agenda

- (security): <https://github.com/ros2/ros2/issues/1589>
- (clalancette): Windows support update
 - https://docs.google.com/presentation/d/1M3U6DO1P0AKyIDXDsmoIWzUh-6VzUjPTuo7Nlu_Xl4o/edit#slide=id.g35f391192_00

Aug 27, 2024

- ROS PMC business
 - Welcome!
 - Just a reminder; this document, and this meeting, are publically available
 - Only PMC members and committers can speak during the meeting
 - Fill out Doodle for availability at ROSCon
 - Please update the project governance doc to include your name/handle/role in the ROS 2 PMC:
 - https://github.com/ros2/ros2_documentation/blob/rolling/source/The-ROS2-Project/Governance.rst?plain=1#L40
 - Still missing:
 - Erik Boasson
 - Aditya Pande
 - Brandon Ong
 - Dharini Dutia
 - Steve Peters
 - Steve Macenski
 - Barry Xu
 - G A van der Hoorn

- Morgan Quigley
 - Tully Foote
 - Andrea Sorbini
 - Audrow Nash
 - Marco Gutierrez
 - Scott Logan
 - Steven! Ragnarok
 - William Woodall
 - Yadunund Vijay
- Infra PMC to rename ros-infrastructure org -> osrf-infrastructure
 - But *not* rename projects (i.e. rosdep will remain rosdep)
- Choosing a ROS Boss for Kilted
- (Clara) Buildfarm update
 - Project buildfarm dashboard: <https://github.com/osrf/buildfarm-tools/blob/main/ROS2.md>
 - Greenness report July: <https://osrf.github.io/buildfarm-tools/2024>
 - New issues 
 - ros2/rclcpp: [TestClient.client_qos failing in Iron Connex](#)
 - ros2/examples: [launch_testing_examples tests set_param launch test and check_node_launch_test RuntimeError in Humble and Iron Connex](#)
 - ros2/rclpy: [Humble TestClient.test_service_timestamps failing consistently in Connex](#)
 - Fixed 🎉
 - ros2/ros2_tracing: [test_pub_sub, test_publisher and test_subscription failures](#) (Thanks Christophe)
 - ros2/rmw_connext: [rclcpp tests failing due to rmw callbacks not implemented in Humble ci and Iron ci](#)
 - Fix by trubio-rti: [PR](#) - Merged
 - On the way 🛠️
 - ros2/performance_test: [cpplint include_order test regressions in all ros2 distributions](#)
 - Fixed on all distributions, I believe
 - (Needs a review) <https://github.com/ros2/ros2/pull/1595>
 - Pending 🛑
 - ros2/demos: [Flaky test demo_nodes_cpp.TestExecutablesTutorial.test_processes_output failing variations from connextdds](#)
 - ros2/idl: [multi_nested_message_introspection_test failing consistently in nightly linux coverage](#)
 - ros2/rcl: [Flaky test_action_interaction__rmw_connextdds in Windows debug and release](#)
 - ros2/rclcpp: [test_client_common and test_service failing in Rolling and Jazzy connext nightlies](#)
 - ros2/rclcpp: [connext test regressions in test_subscription_topic_statistics](#)

- ros2/rosidl_typesupport_fastrtps: [what\(\): Character value exceeds maximum value benchmark string conversions regression](#)
 - ros2/launch_ros: [check_node_launch_test failing consistently in Iron and Humble Connex](#)
- (clalancette) Waffle note-taker
 - ~~Retrospective~~
 - ~~June 13 + June 20 - William~~
 - ~~June 27 + July 11 - Tomoya~~
 - ~~July 18 (Shane running) + July 25 - Scott~~
 - ~~August 1 + August 8 - Michael C~~
 - ~~August 15 + August 22 - Michael Orlov~~
 - August 29 + September 5 - Shane
 - Retrospective
 - Chris to invite PMC members
- (clalancette) [Rosdistro](#) assignments:
 - Chat channel for sync holds: <https://discourse.ros.org/chat/c/packaging-and-release-management/11>
 - ~~July 2 - July 9 - Alex and Alberto~~
 - ~~July 9 - July 16 - Marco and Yadu~~
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 - ~~July 23 - July 30 - Chris and Michael Carroll~~
 - ~~July 30 - August 6 - Shane and Steven!~~
 - ~~August 6 - August 13 - Marco and Tomoya~~
 - ~~August 13 - August 20 - Michael C and Audrow~~
 - [Rosdistro statistics](#)
 - ~~August 20 - August 27 - Chris and Alberto~~
 - August 27 - September 3 - Alex and Marco
 - September 3 - September 10 - Christophe and Michael Carroll
 - September 10 - September 17 - William and Yadu
 - September 17 - September 24 - Shane and Steven!
 - September 24 - October 1 - Tomoya and Audrow
 - October 1 - October 8 - Michael Orlov and Scott
 - [Rosdistro statistics](#)
- Rosdistro issues (from the outgoing rosdistro mergers)
 - <https://github.com/ros/rosdistro/pull/42466>
 - Chris to check the provenance of this code
 - Also ping OpenNav
 - <https://github.com/ros/rosdistro/pull/42560>
 - No objections
 - <https://github.com/ros/rosdistro/pull/42592>
 - This is fine
- [ROS Boss](#)
 - Audrow
 -

- Yadu
 -
- Shane
 - Noetic sync this week
 - One regression
- Steven!
 - Rolling sync last week
 - Octomap removed
- Marco
 - Jazzy sync yesterday, no issues
- rmw_zenoh
 - Working towards Tier-1 status

Agenda

- (security): <https://github.com/ros2/ros2/issues/1589>
- (clalancette): Windows support update

Aug 20, 2024

- ROS PMC business
 - Welcome!
 - Just a reminder; this document, and this meeting, are publically available
 - Only PMC members and committers can speak during the meeting
 - Fill out Doodle for availability at ROSCon
 - Real-time comms
 - All PMC members and committers should now have Slack access
 - If you don't, let me and Geoff know
 - Please update the project governance doc to include your name/handle/role in the ROS 2 PMC:
 - https://github.com/ros2/ros2_documentation/blob/rolling/source/The-ROS2-Project/Governance.rst?plain=1#L40
 - Note that there is a PR adding a table for committers now as well: https://github.com/ros2/ros2_documentation/pull/4637
- (Clara) Buildfarm update
 - Project buildfarm dashboard: <https://github.com/osrf/buildfarm-tools/blob/main/Gazebo.md>
 - Greenness report July: <https://osrf.github.io/buildfarm-tools/2024>
 - New issues  (no new issues)
 - Fixed 🎉
 - On the way 🚧
 - ros2/rmw_connext: [rclcpp tests failing due to rmw callbacks not implemented in Humble ci and Iron ci](#)

- Fix by trubio-rti: [PR](#)
 - ros2/performance_test: [cpplint include order test regressions in all ros2 distributions](#)
- Pending 📢
 - ros2/demos: [Flaky test demo_nodes_cpp.TestExecutablesTutorial.test_processes output failing variations from connexthdds](#)
 - ros2/idl: [multi_nested_message_introspection_test failing consistently in nightly_linux_coverage](#)
 - ros2/rcl: [Flaky test_action_interaction_rmw_connexthdds in Windows debug and release](#)
 - ros2/rclcpp: [test_client_common and test_service failing in Rolling and Jazzy connext nightlies](#)
 - ros2/rclcpp: [connext test regressions in test_subscription_topic_statistics](#)
 - ros2/rosidl_typesupport_fastdds: [what\(\): Character value exceeds maximum value benchmark_string_conversions regression](#)
 - ros2/launch_ros: [check_node_launch_test failing consistently in Iron and Humble Connexth](#)
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 - ~~Retrospective~~
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 - August 29 + September 5 - Shane
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 - August 20 - August 27 - Chris and Alberto
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 - September 10 - September 17 - William and Yadu

- September 17 - September 24 - Shane and Steven!
 - September 24 - October 1 - Tomoya and Audrow
 - October 1 - October 8 - Michael Orlov and Scott
 - [Rosdistro statistics](#)
- Rosdistro issues (from the outgoing rosdistro mergers)
 - Tomoya does not have permissions on **rosdistro**
 - clalancette invited Tomoya now
- [ROS Boss](#)
 - Audrow
 -
 - Yadu
 -
 - Shane
 -
 - Steven!
 - Sync this week
 - After that, will remove Octomap from Rolling (overlaps with a system package, and has different ABI)
 - Marco
 - Jazzy sync this week
 - 140 packages to sync, no regressions
- rmw_zenoh
 - Working towards Tier-1 status

Agenda

- (security): <https://github.com/ros2/ros2/issues/1589>
- (clalancette): Windows support update
- (clalancette): Connex
 - RHEL
 - We don't support it from RPMs (we don't have a RHEL-9 RPM for Connex)
 - But we test it nightly in nightly_linux_rhel (by downloading the tarball directly)
 - This came up because it uses quite a bit of space in the jobs
 - Should we continue to test Connex-on-RHEL in CI?
 - Discussion
 - Value of testing on RHEL is to test against RHEL packages, so less value in Connex tests here
 - Update to Connex 7.3.0
 - Being pushed by RTI
 - Thoughts?

- (clalancette): Should we make https://github.com/ros-tooling/ros-github-scripts/blob/main/ros_github_scripts/ci_for_pr.py the “official” tool for running CI?

Aug 13, 2024

- (Clara) Buildfarm update
 - Project buildfarm dashboard: <https://github.com/osrf/buildfarm-tools/blob/main/Gazebo.md>
 - Greenness report July: <https://osrf.github.io/buildfarm-tools/2024>
 - New issues 
 - Fixed 
 - ros2/performance_test: [uncrustify regression on connext_dds_micro_communicator test for all distros](#)
 - On the way 
 - ros2/rmw_connext: [rclcpp tests failing due to rmw callbacks not implemented in Humble ci and Iron ci](#)
 - Fix by trubio-rti: [PR](#)
 - ros2/performance_test: [cpplint include order test regressions in all ros2 distributions](#)
 - Pending 
 - ros2/demos: [Flaky test demo_nodes_cpp.TestExecutablesTutorial.test_processes_output_failing variations from connextdds](#)
 - ros2/idl: [multi_nested_message_introspection_test failing consistently in nightly_linux_coverage](#)
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 - ros2/rclcpp: [connext test regressions in test_subscription_topic_statistics](#)
 - ros2/rosidl_typesupport_fastrtps: [what\(\): Character value exceeds maximum value benchmark_string_conversions regression](#)
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 - ~~August 1 + August 8 - Michael G~~
 - August 15 + August 22 - Michael Orlov
 - August 29 + September 5 - Shane

- Retrospective
 - Chris to invite PMC members
- (clalancette) [Rosdistro](#) assignments:
 - Chat channel for sync holds: <https://discourse.ros.org/chat/c/packaging-and-release-management/11>
 - ~~July 2 - July 9 - Alex and Alberto~~
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 - ~~July 23 - July 30 - Chris and Michael Carroll~~
 - ~~July 30 - August 6 - Shane and Steven!~~
 - ~~August 6 - August 13 - Marco and Tomoya~~
 - August 13 - August 20 - Michael C and Audrow
 - [Rosdistro statistics](#)
- Rosdistro issues (from the outgoing rosdistro mergers)
 - Tomoya does not have permissions on [rosdistro](#)
 - <https://github.com/ros/rosdistro/pull/42353>
 - Key is python3-pyside-pip, what do we do if it's turning into a system package in a later distribution.
 - Don't add new pip keys in general if we know that it's a system dependency or will eventually be a system package.
 - Pip keys should be reserved for low-volume, low-stakes packages.
- [ROS Boss](#)
 - Audrow
 -
 - Yadu
 - Iron sync last friday, nothing happening this week
 - Shane
 - Extra long noetic freeze. Sync on Friday.
 - No merging Noetic PRs this week!
 - Steven!
 - Rolling: Trying to wrap the current sync
 - Marco
 - Jazzy sync last friday, nothing happening this week

Agenda

- (security): <https://github.com/ros2/ros2/issues/1589>
 - <https://github.com/ros-infrastructure/rep/blob/master/rep-2006.rst>
 - Add place in issue template/repo governance that points people to security@
 - Ask clarifying questions about the assumptions around the vuln here
 - Add note to ros1_bridge about how it operates
 - <https://github.com/osrf/infrastructure/security/policy>

- (clalancette): Please update the project governance doc to include your name/handle/role in the ROS 2 PMC:
https://github.com/ros2/ros2_documentation/blob/rolling/source/The-ROS2-Project/Governance.rst?plain=1#L40
- (clalancette/tomoya): Should we allow ABI breakage in “internal” libraries in stable distributions?
 - https://github.com/ros2/rmw_connextdds/pull/157
 - Chris’ notes in-absentia:
 - This is an “internal” ABI change between rmw_connextdds_common and rmw_connextdds, so it is unlikely there are users who are linking directly against rmw_connextdds_common
 - We’ve allowed these kinds of “internal” ABI breaks before
 - Thus, I think this is OK.
 - (shane) Verify that package.xml explicitly has a greater-than version dependency
- (clalancette): Windows support update
- (sloretz) Anyone tried the Windows setup instructions recently? [Visual Studio Community 2019 now requires a paid subscription to download](#). Will try 2022 version and report back.
 - 2022 has worked for mjcarroll and ahcorde.
 - (clara) We are adding this (experimentally) for the buildfarm, there has been progress
 - Shane to verify that 2022 works and PR changing that part of the installation instructions
- (alberto): Charter for client working group
 - Mjcarroll to forward examples and ping geoff to make sure that nothing is additionally required

Aug 6, 2024

- (clalancette) ROS PMC business
 - Welcome!
 - Just a reminder; this document, and this meeting, are publically available
 - Only PMC members and committers can speak during the meeting
 - PMC members: add yourself to the website; see https://github.com/ros2/ros2_documentation/pull/4589 for the example adding me
 - Official PMC business:
 - Should we meet up at ROSCon for a strategy meeting?
 - Yes
 - Chris to send out a Doodle to find a day/time
 - Real-time comms (follow-up from last week)
 - Slack for now for comms
 - If you don’t have access, should receive an invite soon
 - Working groups

- Shane's ideas for working groups
 - Each needs a charter
 - And will need a formal vote to create
 - Client library working group
 - Alberto, are you willing to create a charter for this?
 - Will probably need to renew every year
 - Use this as a test for the process of creating a Working Group
 - Geoff to send a template for a charter to Alberto
- (Clara) Buildfarm update
 - Project buildfarm dashboard: <https://github.com/osrf/buildfarm-tools/blob/main/Gazebo.md>
 - Greenness report June: <https://osrf.github.io/buildfarm-tools/2024>
 - New issues  (No new issues)
 - Fixed 
 - On the way 
 - Rmw_connextdds: [Rclcpp tests failing due to rmw callbacks not implemented in Humble ci and Iron ci](#)
 - Rosidl: [multi_nested_message introspection test failing consistently in nightly linux coverage](#)
 - Sros2: [sros2 test failure in windows: test_generate_policy_no_nodes.test_generate_policy_no_nodes](#)
 - Fixed?
 - Performance_test: https://github.com/ros2/performance_test/pull/54
 - Pending 
 - Rclcpp: [test_client_common and test_service failing in Rolling and Jazzy connext nightlies](#)
 - Ros2/demos: [Flaky test demo_nodes_cpp.TestExecutablesTutorial.test_processes_output failing variations from connextdds](#)
 - Rosidl: [test_multi_nested_message_introspection flaky test in windows repeated](#)
 - Rclcpp: [Connext test regressions in test_subscription_topic_statistics](#)
 - Launch_ros: [Check_node_launch_test failing consistently in Iron and Humble Connext](#)
- (clalancette) Waffle note-taker
 - ~~Retrospective~~
 - ~~June 13 + June 20 - William~~
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 - August 15 + August 22 - Michael Orlov
 - August 29 + September 5 - Shane
 - Retrospective

- Chris to invite PMC members
- (clalancette) [Rosdistro](#) assignments:
 - Chat channel for sync holds:
 - <https://discourse.ros.org/chat/c/packaging-and-release-management/11>
 - ~~○ July 2 - July 9 - Alex and Alberto~~
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 - ~~○ July 23 - July 30 - Chris and Michael Carroll~~
 - ~~○ July 30 - August 6 - Shane and Steven!~~
 - August 6 - August 13 - Marco and Tomoya
 - August 13 - August 20 - Michael Orlov and Audrow
 - [Rosdistro statistics](#)
- Rosdistro issues (from the outgoing rosdistro mergers)
 - <https://github.com/ros/rosdistro/pull/42309>
- [ROS Boss](#)
 - Audrow
 -
 - Yadu
 - Iron sync on Friday
 - Shane
 - Noetic regression armhf
 - Opened upstream fix, no response
 - Will revert
 - Steven!
 - Rolling release - should make a note that this will be the last one with a “vendored” octomap
 - Marco
 - Jazzy sync this week as well
- ROS Development updates
 - rmw_zenoh
 - Gearing up for first tagged release
 - Zenoh 1.0 in September
 - Will update rmw_zenoh to use this
 - Identified a few fixes
 - Ensuring thread safety
 - Getting all tests to pass
 - Faster rosidl pipeline
 - Write up notes
 - Spend some time this week to get it wrapped up and handed off

Agenda

- (clalancette): Need someone to run this and Waffle meeting next week
 - ROS PMC meeting - Michael C

- Waffle - Shane
- (clalancette): Does anyone ever download a workspace from ci.ros2.org to debug?
 - For the nightlies, we should keep it
 - For the CI jobs, we can consider deleting immediately
- (clalancette): https://github.com/ros2/ros_buildfarm_config/pull/311
- (clalancette): Quick overview of rosdistro duty
- (clalancette): What do we want to do about <maintainers> / CODEOWNERS in core?
 - PMC mailing list
 - Update all maintainer tags to point to this mailing list
 - But can also keep a “top on triage list” per-package internal to ROS PMC
 - Remove CODEOWNERS
 - Chris to write to Geoff to create this mailing list

Jul 30, 2024

- (clalancette) ROS PMC business
 - Welcome!
 - What is this meeting?
 - Working meeting for the ROS PMC
 - Continuation of the previous meetings for the ROS 2 core team
 - Usually used to coordinate core work
 - Not a general ROS help forum
 - How does this meeting work?
 - Official business is governed by https://osralliance.org/staging/wp-content/uploads/2024/03/ros_project_charter.pdf, Article 4
 - ROS PMC members and committers can add agenda items to this document for the team to talk about before or during the meeting
 - ROS PMC members and committers can speak on any topic
 - If there is time, observers may be given time to speak
 - Changes from the previous meeting
 - The meeting is now open to outside observers
 - Using Zoom instead of Google Meet
 - There may be official PMC business at the beginning of the meeting
 - This is a new, fresh document with the meeting agenda; the old one should no longer be used
 - PMC members: add yourself to the website; see https://github.com/ros2/ros2_documentation/pull/4589 for the example adding me
 - Official PMC business:

- What day/time should this meeting be held?
 - Tuesday at 11am Eastern
 - Will follow US daylight savings
 - Should the notes here be public?
 - Yes; added to the OSRF public calendar invite
 - Should we meet up at ROSCon for a strategy meeting?
- (Cristobal) Buildfarm update
 - Project buildfarm dashboard: <https://github.com/osrf/buildfarm-tools/blob/main/Gazebo.md>
 - Greenness report June: <https://osrf.github.io/buildfarm-tools/2024>
 - New issues 
 - Rclcpp: [Connex test regressions in test_subscription_topic_statistics](#)
 - Launch_ros: [Check node launch test failing consistently in Iron and Humble Connex](#)
 - Fixed 
 - Rviz: [stl_algobase.h:437 one warning in linux release nightlies](#)
 - However, this keeps happening on Jazzy release ([Jci](#))
 - Launch_ros: [RuntimeError: Context.init\(\) must only be called once test regression](#)
 - On the way 
 - Rosidl: [multi_nested_message introspection test failing consistently in nightly linux coverage](#)
 - Sros2: [sros2 test failure in windows: test generate policy no nodes.test generate policy no nodes](#)
 - Fixed?
 - Pending 
 - Rmw_connextdds: [Rclcpp tests failing due to rmw callbacks not implemented in Humble ci and Iron ci](#)
 - Rclcpp: [test_client_common and test_service failing in Rolling and Jazzy connex nightlies](#)
 - Ros2/demos: [Flaky test demo_nodes_cpp.TestExecutablesTutorial.test_processes_output failing variations from connextdds](#)
 - Rosidl: [test_multi_nested_message introspection flaky test in windows repeated](#)
 - Performance_test: https://github.com/ros2/performance_test/issues/49
- (clalancette) Waffle note-taker
 - ~~Retrospective~~
 - ~~June 13 + June 20 - William~~
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 - July 30 - August 6 - Shane and Steven!
 - August 6 - August 13 - Marco and Tomoya
 - August 13 - August 20 - Michael Orlov and Audrow
 - [Rosdistro statistics](#)
- Rosdistro issues (from the outgoing rosdistro mergers)
 - <https://github.com/ros/rosdistro/pull/42127>
 - Chris to add a comment reiterating to make this a vendor package instead
- [ROS Boss](#)
 - Audrow
 - Humble patch release being prepared
 - Yadu
 - Iron sync next week
 - Shane
 - Noetic sync, but many regressions on armhf
 - Maybe open new issue about it (possibly moveit related, not confident I've found all causes of the regressions yet)
 - Steven!
 -
 - Marco
 -
- ROS Development updates
 - rmw_zenoh
 - Refactoring classes
 - All except one rcl test passes
 - rclcpp has 12 failures
 - A couple having to do with deadline
 - Should we have an RMW API to get the list of supported events?
 - Can try to initialize the event, and look for UNSUPPORTED
 - But there may be another API
 - Faster rosidl pipeline

Agenda

- (clalancette): William, do you have admin access on <https://github.com/pr2-gbp?>

- (clalancette): Empty 4.0 transition
 - Alex starting with colcon, looking at the API changes
 - Scott has a PR open in colcon-core
 - Only switches it to empty 4
 - But we need to support both 3.4 and 4.0 simultaneously
 - Have patched a couple of other ones
- (clalancette): Windows survey:
 - <https://discourse.ros.org/t/feedback-requested-future-of-ros-2-windows-support/38847>
 - Robostack should continue to be considered an option
 - Lots of university people use it
- (clalancette): Should we make
 - https://github.com/ros-tooling/ros-github-scripts/blob/main/ros_github_scripts/ci_for_pr.py the “official” tool for running CI?
- (sloretz) Meta-thoughts on when is a Working Group is useful (Article 9 of the [ROS project charter](#))
 - Considering proposing one or two working groups, and interested in thoughts on what kinds of work are suited for a working group
 - Noetic EOL working group
 - Identifying tasks to wrap up Noetic, output=plan of who does what, group ends Noetic EOL date
 - ROS 1 to ROS 2 transition working group
 - identify gaps in docs or tools for migrating remaining ROS 1 users to ROS 2, output=either close gaps or open issues for others to fill, unclear group end time - possibly Noetic EOL date again
 - [mjcarroll] Vendor packages (creation/maintenance)
 - Started drafting REP:
 - <https://github.com/ros-infrastructure/rep/pull/406>
 - Have we carried over the old working groups?
 - None have carried over directly
 - But we can recreate
 - Contact the organizers, see if we should recreate them under the new structure
- (miguel): No permissions, no way to launch CI
- (tomoya): Do we have an official channel?
 - Probably going to be discord
 - For right now, Slack
 - mjcarroll to follow-up with Geoff

REP Review

Open Pull requests

- <https://github.com/ros-infrastructure/rep/pulls>

- [REP-2017](#) - Thread attributes configuration support in rcl
 - Status:
 - Reviewed last time
 - Clalancette to leave notes
- [REP-2016](#) - Interface Type Description
 - Status:
 - Still in review by TSC
- [REP-2015](#) - ROS 2 DDS Security PKCS#11 Support
 - Status:
 - Left feedback last time, waiting for response
- [REP-145 update part deux](#)
 - Status:
 - Reviewed
 - Left notes, waiting for response
 - Will probably close, as Steve isn't working on it anymore
- [REP-2013](#) - Client Library Integration
 - Status:
 - Infra is trying to pick this up for Q3/Q4
- [REP-155 update](#) - Switch to HRI-stamped messages
 - Status:
 - Needs rebase
 - Waiting on the original author
- [REP-2012](#) - Service Introspection
 - Status:
 - clalancette needs to update
- [REP-2011](#) - Evolving Message Types
 - Status:
 - Partially split out to REP-2016
 - Probably needs to be split out to at least one additional REP
 - On hold for now
- [REP-149 update](#) - New attributes for license tag
 - Status:
 - Approved by TSC, but probably needs a package format version bump
- [REP-146](#) - rosparam naming conventions
 - Status:
 - ???

Existing REPs

- [REP-0000](#)
 - Source: Generated on-the-fly
 - Index of other REPs
 - Could use some formatting updates
- [REP-0001](#)

- Source: <https://github.com/ros-infrastructure/rep/blob/master/rep-0001.rst>
 - Status: Active
 - Describes the REP process
 - Originally based on PEP process from Python
 - Way out-of-date, both with respect to PEP process and with respect to our current processes
- [REP-0002](#)
 - Source: <https://github.com/ros-infrastructure/rep/blob/master/rep-0002.rst>
 - Status: Active
 - Provides a list of REP stacks
 - Only applies to ROS 1
 - Out-of-date, at least with respect to process
 - Do we still use this in Noetic, even?
- [REP-0003](#)
 - Source: <https://github.com/ros-infrastructure/rep/blob/master/rep-0003.rst>
 - Status: Active
 - Provides a list of target platforms for ROS 1 distributions
 - Still used for Noetic
 - No effort needed here
- [REP-0008](#)
 - Source: <https://github.com/ros-infrastructure/rep/blob/master/rep-0008.rst>
 - Status: Active
 - Style guide for Python for ROS 1
 - Is it still in use?
- [REP-0009](#)
 - Source: <https://github.com/ros-infrastructure/rep/blob/master/rep-0009.rst>
 - Status: Withdrawn
 - No work to do here
- [REP-0010](#)
 - Source: <https://github.com/ros-infrastructure/rep/blob/master/rep-0010.rst>
 - Status: Active
 - Outlines ros-developer voting guidelines
 - Should we withdraw this one, as we don't really use it?
- [REP-0012](#)
 - Source: <https://github.com/ros-infrastructure/rep/blob/master/rep-0012.rst>
 - Status: Active
 - Sample text for other REPs
 - Could probably use a bit of an update
- [REP-0100](#)
 - Source: <https://github.com/ros-infrastructure/rep/blob/master/rep-0100.rst>
 - Status: Final
 - Explains the ROS stack separation
 - Is this still viable for Noetic?
- [REP-0101](#)

- Source: <https://github.com/ros-infrastructure/rep/blob/master/rep-0101.rst>
 - Status: Active
 - ROS 1.4 Release schedule
 - Probably set this to withdrawn or something?
- [REP-0102](#)
 - Source: <https://github.com/ros-infrastructure/rep/blob/master/rep-0102.rst>
 - Status: Withdrawn
 - No work to do here
- [REP-0103](#)
 - Source: <https://github.com/ros-infrastructure/rep/blob/master/rep-0103.rst>
 - Status: Active
 - Unit and coordinate convention reference
- [REP-0104](#)
 - Source: <https://github.com/ros-infrastructure/rep/blob/master/rep-0104.rst>
 - Status: Final
 - CameraInfo updates for Diamondback
 - Needs to be reviewed to see if it still matches state-of-the-art
 - If not, maybe Withdraw it
 - If so, update it to remove “Diamondback” and update references
- [REP-0105](#)
 - Source: <https://github.com/ros-infrastructure/rep/blob/master/rep-0105.rst>
 - Status: Active
 - Coordinate frames for mobile platforms
 - Still very much in use, maybe needs a small refresh
- [REP-0106](#)
 - Source: <https://github.com/ros-infrastructure/rep/blob/master/rep-0106.rst>
 - Status: Withdrawn
 - No work to do
- [REP-0107](#)
 - Source: <https://github.com/ros-infrastructure/rep/blob/master/rep-0107.rst>
 - Status: Final(?)
 - Diagnostic system
 - Probably still in use today, but needs a refresh
- [REP-0108](#)
 - Source: <https://github.com/ros-infrastructure/rep/blob/master/rep-0108.rst>
 - Status: Active
 - Variants for ROS Diamondback
 - Probably set to this Withdrawn or Obsolete or something?
- [REP-0109](#)
 - Source: <https://github.com/ros-infrastructure/rep/blob/master/rep-0109.rst>
 - Status: Final
 - Unary stacks
 - Talks about rosbuidl
 - Obsolete

- [REP-0110](#)
 - Source: <https://github.com/ros-infrastructure/rep/blob/master/rep-0110.rst>
 - Status: Draft
 - Alternative to rosinstall
 - Probably should be set to “Withdrawn”, since it never made it out of draft
- [REP-0111](#)
 - Source: <https://github.com/ros-infrastructure/rep/blob/master/rep-0111.rst>
 - Status: Final
 - Support for multiple package managers in rosdep
 - Very much in use
 - Probably could use some updates
- [REP-0112](#)
 - Source: <https://github.com/ros-infrastructure/rep/blob/master/rep-0112.rst>
 - Status: Final
 - Describes rosdep, but is pretty out-of-date
 - Rewrite, or retire?
- [REP-0113](#)
 - Source: <https://github.com/ros-infrastructure/rep/blob/master/rep-0113.rst>
 - Status: Active
 - ROS Electric variants
 - Obsolete
- [REP-0114](#)
 - Source: <https://github.com/ros-infrastructure/rep/blob/master/rep-0114.rst>
 - Status: Final
 - rospkg standalone python package
 - Probably needs update
- [REP-0115](#)
 - Source: <https://github.com/ros-infrastructure/rep/blob/master/rep-0115.rst>
 - Status: Final
 - Adds `rosllocate` and `roscoco`
 - Obsolete?
- [REP-0116](#)
 - Source: <https://github.com/ros-infrastructure/rep/blob/master/rep-0116.rst>
 - Status: Final
 - Pluginlib extensions
 - Probably still viable, though needs a refresh
- [REP-0117](#)
 - Source: <https://github.com/ros-infrastructure/rep/blob/master/rep-0117.rst>
 - Status: Final
 - Distance measurements for things too close, invalid, or no return
 - Probably could use a refresh
- [REP-0118](#)
 - Source: <https://github.com/ros-infrastructure/rep/blob/master/rep-0118.rst>
 - Status: Final

- Depth image representation
 - Very OpenNI specific
 - Probably has some value, but also needs a refresh
- [REP-0119](#)
 - Source: <https://github.com/ros-infrastructure/rep/blob/master/rep-0119.rst>
 - Status: Draft
 - Compatibility for Turtlebot 1
 - Is this still viable? Are there Turtlebot 1s out there, and does current ROS support them?
- [REP-0120](#)
 - Source: <https://github.com/ros-infrastructure/rep/blob/master/rep-0120.rst>
 - Status: Active
 - Coordinate frames for Humanoid Robots
 - Still has value, probably, though how does it interact with REP-155?
- [REP-0121](#)
 - Source: <https://github.com/ros-infrastructure/rep/blob/master/rep-0121.rst>
 - Status: Final
 - Automatic unloading of libraries in pluginlib
 - Probably needs a refresh
- [REP-0122](#)
 - Source: <https://github.com/ros-infrastructure/rep/blob/master/rep-0122.rst>
 - Status: Draft
 - Filesystem Hierarchy standard layout
 - Probably still has value, but could use a refresh
- [REP-0123](#)
 - Source: <https://github.com/ros-infrastructure/rep/blob/master/rep-0123.rst>
 - Status: Final
 - ROS_ETC_DIR, ROS_DISTRO, and ROS_ROOT environment variables
 - Still in use for Noetic?
 - Still partially in use for ROS 2?
- [REP-0124](#)
 - Source: <https://github.com/ros-infrastructure/rep/blob/master/rep-0124.rst>
 - Status: Draft
 - Changes to roslaunch for REP-122 and catkin
 - Still in use in Noetic?
 - Totally obsolete in ROS 2
- [REP-0125](#)
 - Source: <https://github.com/ros-infrastructure/rep/blob/master/rep-0125.rst>
 - Status: Final
 - rosdep 2 tool
 - Still in use, though needs a refresh
- [REP-0126](#)
 - Source: <https://github.com/ros-infrastructure/rep/blob/master/rep-0126.rst>
 - Status: Draft

- Extension to “.roinstall” files
 - Is this still in use in Noetic?
 - How about ROS 2?
- [REP-0127](#)
 - Source: <https://github.com/ros-infrastructure/rep/blob/master/rep-0127.rst>
 - Status: Accepted
 - Package manifest format (package.xml format 1)
 - Only in use in Noetic
- [REP-0128](#)
 - Source: <https://github.com/ros-infrastructure/rep/blob/master/rep-0128.rst>
 - Status: Active
 - Naming conventions for catkin workspaces
 - Still in use in Noetic
 - Could use a refresh to remove rosbld references
 - Some of the ideas still permeate through to ROS 2
- [REP-0131](#)
 - Source: <https://github.com/ros-infrastructure/rep/blob/master/rep-0131.rst>
 - Status: Active
 - ROS Groovy variants
 - Obsolete
- [REP-0132](#)
 - Source: <https://github.com/ros-infrastructure/rep/blob/master/rep-0132.rst>
 - Status: Accepted
 - Incorporation of changelogs into source tree
 - Still in use today
- [REP-0133](#)
 - Source: <https://github.com/ros-infrastructure/rep/blob/master/rep-0133.rst>
 - Status: Active
 - Introduction of catkin_make and wstool
 - Only used in Noetic
- [REP-0134](#)
 - Source: <https://github.com/ros-infrastructure/rep/blob/master/rep-0134.rst>
 - Status: Active
 - catkin_make_isolated
 - Still in use in Noetic
- [REP-0135](#)
 - Source: <https://github.com/ros-infrastructure/rep/blob/master/rep-0135.rst>
 - Status: Active
 - Best practices for drivers in namespaces
 - Basic idea is still valid, but needs a refresh
- [REP-0136](#)
 - Source: <https://github.com/ros-infrastructure/rep/blob/master/rep-0136.rst>
 - Status: Active
 - Recommendations on releasing third-party packages into a ROS distribution

- Maybe some good ideas in there, but probably needs a complete rewrite
- [REP-0137](#)
 - Source: <https://github.com/ros-infrastructure/rep/blob/master/rep-0137.rst>
 - Status: Accepted
 - ROS distribution files in rosdistro
 - Still in use today
- [REP-0138](#)
 - Source: <https://github.com/ros-infrastructure/rep/blob/master/rep-0138.rst>
 - Status: Active
 - Topics and parameters for laser scanner driver
 - Still valuable, but needs a refresh for ROS 2
- [REP-0140](#)
 - Source: <https://github.com/ros-infrastructure/rep/blob/master/rep-0140.rst>
 - Status: Final
 - package.xml format 2 specification
 - Still in use today
- [REP-0141](#)
 - Source: <https://github.com/ros-infrastructure/rep/blob/master/rep-0141.rst>
 - Status: Final
 - ROS distribution files in rosdistro
 - Revision of REP-137
 - Still in use today
- [REP-0142](#)
 - Source: <https://github.com/ros-infrastructure/rep/blob/master/rep-0142.rst>
 - Status: Active
 - Obsolete
- [REP-0143](#)
 - Source: <https://github.com/ros-infrastructure/rep/blob/master/rep-0143.rst>
 - Status: Final
 - ROS distribution files in rosdistro
 - Revision of REP-141
 - Still in use today
- [REP-0144](#)
 - Source: <https://github.com/ros-infrastructure/rep/blob/master/rep-0144.rst>
 - Status: Active
 - ROS Package naming
 - Still in use today
- [REP-0145](#)
 - Source: <https://github.com/ros-infrastructure/rep/blob/master/rep-0145.rst>
 - Status: Draft
 - Conventions for IMU sensor drivers
 - Still in use today
- [REP-0147](#)
 - Source: <https://github.com/ros-infrastructure/rep/blob/master/rep-0147.rst>

- Status: Deferred
 - Common interface for aerial vehicles
- [REP-0149](#)
 - Source: <https://github.com/ros-infrastructure/rep/blob/master/rep-0149.rst>
 - Status: Final
 - Package format 3 specification
 - Still in use
- [REP-0150](#)
 - Source: <https://github.com/ros-infrastructure/rep/blob/master/rep-0150.rst>
 - Status: Active
 - ROS Melodic and newer metapackages
 - Still in use in Noetic
- [REP-0151](#)
 - Source: <https://github.com/ros-infrastructure/rep/blob/master/rep-0151.rst>
 - Status: Final
 - Python 3 support in ROS 1
 - Still in use in Noetic
- [REP-0153](#)
 - Source: <https://github.com/ros-infrastructure/rep/blob/master/rep-0153.rst>
 - Status: Final
 - ROS distribution files in rosdistro
 - Revision of REP-143
 - Still in use today
- [REP-0155](#)
 - Source: <https://github.com/ros-infrastructure/rep/blob/master/rep-0155.rst>
 - Status: Draft
 - HRI conventions and common interfaces
- [REP-2000](#)
 - Source: <https://github.com/ros-infrastructure/rep/blob/master/rep-2000.rst>
 - Status: Active
 - Timeline and platforms for ROS 2 releases
 - Still in use today
- [REP-2001](#)
 - Source: <https://github.com/ros-infrastructure/rep/blob/master/rep-2001.rst>
 - Status: Active
 - ROS 2 variants
 - Still in use today
- [REP-2002](#)
 - Source: <https://github.com/ros-infrastructure/rep/blob/master/rep-2002.rst>
 - Status: Draft
 - ROS 2 Rolling
 - Still in use today
 - Should we change this to “Accepted” or “Final”?
- [REP-2003](#)

- Source: <https://github.com/ros-infrastructure/rep/blob/master/rep-2003.rst>
 - Status: Draft
 - Sensor data and Map QoS settings
 - In use by Nav2
- [REP-2004](#)
 - Source: <https://github.com/ros-infrastructure/rep/blob/master/rep-2004.rst>
 - Status: Active
 - Quality and Maturity level of ROS packages
 - Still in use today
- [REP-2005](#)
 - Source: <https://github.com/ros-infrastructure/rep/blob/master/rep-2005.rst>
 - Status: Active
 - Common ROS 2 packages
 - Still in use today
- [REP-2006](#)
 - Source: <https://github.com/ros-infrastructure/rep/blob/master/rep-2006.rst>
 - Status: Active
 - Vulnerability disclosure policy
 - Still in use today
- [REP-2007](#)
 - Source: <https://github.com/ros-infrastructure/rep/blob/master/rep-2007.rst>
 - Status: Final
 - Type adaptation feature
- [REP-2008](#)
 - Source: <https://github.com/ros-infrastructure/rep/blob/master/rep-2008.rst>
 - Status: Draft
 - Hardware acceleration in ROS 2
- [REP-2009](#)
 - Source: <https://github.com/ros-infrastructure/rep/blob/master/rep-2009.rst>
 - Status: Final
 - Type negotiation
 - This should probably be set to “Draft”, as there is an example package out there but it is not part of the core
- [REP-2014](#)
 - Source: <https://github.com/ros-infrastructure/rep/blob/master/rep-2014.rst>
 - Status: Rejected
 - Benchmarking performance in ROS 2