

# ROS Lyrical Release

# ROS Lyrical Release WG Notes

- Chair: [sloretz](#)
- [Working group charter](#)
- [Discourse thread](#)
- [Google meet link](#)

**Meeting link changed! It's now [Google Meet](#)**

## **Next Meeting:**

- **Jun 8, 2026 9:00 AM PDT- Release Retrospective**

June 8th, 2026 (Retro)

## June 8th, 2026 (Retrospective)

- MJC: Don't wing the next retrospective
- Start sooner - getting a M turtle ROS boss ASAP
  - (context: Shane confirmed as L boss Feb 10)
  - Clara had Resolute jobs in Jan, but no one to look at them: Beginning of year (Jan 1 2027 at the latest) - helpful to have a release owner to talk about initial issues on new platforms
  - MJC: historically we announced new ROS boss when announcing new turtle. Earlier to give ROS Boss more authority on feature and roadmap to offload responsibility from ROS PMC Lead. Make ROS Boss roll more than a mechanical (follow these steps) role
  - MJC: currently writing a handbook for ROS Project; ROS Bossing is one of those things
- Breaking change migration guide from previous ROS distro
  - MJC: ROS Industrial, Nav2 asked for this: Mechanical steps to translate thing from past ROS distro to next. Cookbook more detailed than changelogs
  - Skyler: +1 - context on doing ROS Distro migrations - lots of packages that changed. Lots of information is not easy to find or fix. Recommend a running page of breaking changes.
  - Janosch: Counterpoint - ported Jazzy -> Lyrical with 0 breaking changes (:shocked:)
  - MJC: Humble to Jazzy was a difficult one (lots of deprecations that got removed)
- Roll rolling to new platforms much sooner
  - Geoff: Ubuntu release doesn't come out until right before release
  - Clara: Could roll before Ubuntu release - Was chaotic during Noble with a lot of package updates
  - MJC: Win 11 could have happened much sooner; Qt6 switch happened late, python Unrustify stuff
  - J: If we had switched Qt6 earlier, would have rolled rolling sooner
  - Scott: Seems like a fear of breaking rolling - seems like a consequence of treating rolling as a stable distro. Should be more unstable at this phase. If we roll earlier then we have to force-rebuild all packages when breaking changes happen to underlying distro. (Must do full rebuild when Ubuntu distro releases to ensure we account for ABI changes)
  - MJC: Roll as soon as Ubuntu images available
  - Janosch: release 2mo later?
  - Clara: Forces us to get dependency updates we need upstream in Ubuntu
  - Shane: Target Debian Sid?
    - J: Did this before; was very difficult
  - MJC: Use pixi.toml updates as a canary for upcoming version updates

- Scott: Pixi, ubuntu, fedora - all making packaging decisions last minute - so bumping versions alone w/ pixi updates doesn't capture platform packing changes
- Make it more visible when CI jobs add more test failures compared to the nightly
  - MJC: or keep CI green. Lot of guessing
  - Clara: push to get rid of flaky tests - helps buildfarmer and people looking at job results
  - Scott: Varying "performance" on CI machines impacts flakiness - tests tracking wall time, etc
  - Janosch: All flakes I've fixed were dataraces - need [helgrind](#)
- CI stability:
  - Janosch: Lots of workers killed when running jobs
- Tag ROS docs by OS or RMW they apply too
  - Geoff: We're adding metadata for docs w/ 3di changes - maybe can add something like that. Need to understand what tags - specific closed set.
  - MJC: We closed a lot of issues, but did we do it correctly? We closed 500 issues testing Connex debbs that didn't even have Connex in them
  - Geoff: Switch to one of the open source test case managers
  - MJC: spend more time thinking about what we want to test. Pick strategy before picking new tools. No one is auditing if 5k tests are what we actually want to test.
  - Scott: Saw several RHEL tests marked as failures, but it was clear people had forgotten to switch workspaces in their terminal.
  - MJC: TT gets lots of engagement/contributors/PRs - something like this is good, but this years tests
- RMW freeze: timing, mechanism
  - Geoff: freezes are too close to our release (can't change things related to when platform is available). Depends on feature dev, can't freeze RMW 6mo before when needing to land Buffer feature
  - MJC: two kinds of changes - feature driven like rosidl::Buffer, and RMW version upgrades. Two weeks before freeze, RMW implementations land all their major features. Would like to spread this out throughout the year. New versions of Connex, Cyclone, and Zenoh were last minute.
  - Janosch: give RMW implementations a "fake" deadline much earlier
  - MJC: Jan 31st is the end of "anyone can merge it" policy. Everything after that is stabilization - require ROS Boss to approve RMW changes.
  - Janosch: ROS Boss needs to apply pressure to get people to merge stuff 2-3 weeks
- Geoff: templates for announcements
  - CY: Checked ROS websites looking for timelines - seeing if they changed - hard to search discourse posts for freeze announcements
  - Scott: This for ROS release deadlines [https://dlu.github.io/ros\\_clock/index.html](https://dlu.github.io/ros_clock/index.html)
  - Geoff: posting announcements in restricted posting category <https://discourse.openrobotics.org/c/ros/ros-announcements-news/112>
- API freeze deadlines

- Scott: didn't pay attention to these because many fires for platform specific stuff. Mostly platform issues; likely wouldn't have had problems if we rolled earlier
- Skyler: API freeze not an issue, but had trouble getting green CI because of all platform problems. Eventually decided to merge with green CI just on Linux because of Windows platform issues.
- MJC: we got lucky with merging things with the yellow-ness of CI
- MJC: Feedback on Project planning cycle - tracking feature development from initial phases of Lyrical. What helps people plan features for M turtle? Concrete features? Themes? (todo: shane put this in the async document for release feedback)

May 18th, 2026

# May 18, 2026

- FYI
  - Distro freeze today
    - Freeze all Lyrical branches on all ROS desktop packages

- No pull requests for any Lyrical branch or targeting lyrical/distribution.yaml in rosdistro repo will be merged.
  - The [build.ros2.org](https://build.ros2.org) trigger/reconfigure/etc jobs are backed up, targeting a fix by EOD
    - Clara already on it - discussed in infra PMC
    - Jenkins main node out of disk space up to alarm threshold; can't run jobs until resolved
    - Buildfarm operating at a degraded capacity (as intended)
    - Root issue is job history and job configs (TB of data)
    - Mitigate: remove ROS Iron jobs, Noble Rolling jobs
- Open Discussion
  - Unable to land pixi.toml updates in time <https://github.com/ros2/ros2/pull/1834>
    - Propose not bumping pixi.toml versions for Lyrical all testing has happened with holder versions.
    - TODO post-release: unpin colcon max version
    - Scott: Need a better model for updating this file. Need bigger ROS PMC discussion, may affect already released ROS distributions
  - When to have the release retrospective? [Must be earlier than June 20th](#).
    - June 8 or June 15th at same time?
    - TODO send to Geoff
  - Please disable failing packages:
    - >90 packages for Resolute alone
    - [#Lyrical Luth Release Working Group > Disabling Failing Packages](#)
    - Scott: Mostly fallout from ament\_target\_dependencies - won't start succeeding until fix is released. Buildfarm regularly tries to rebuild these (daily for existing packages). Affects Ubuntu Resolute and RHEL 10.
    - Unrelease it (delete version from release stanza) so that bloom-release re-enables the package; however, this disables on a per-repository basis
    - Blacklist on buildfarm is only way to disable on a per-package basis
    - mjcarroll opened some issues and PRs on packages; scott recommends "at"ing them on a PR due to scale
    - TODO spreadsheet to parallelize - instructions to check reason for failure; then decide whether to unrelease in ros/rosdistro or blacklist in buildfarm config
    - [https://github.com/ros2-dyn-gbp/ros\\_buildfarm\\_config/blob/f9008a3e744cf54d348f7cf260ef67ea4e05b779/rolling/release-fedora-build.yaml#L15](https://github.com/ros2-dyn-gbp/ros_buildfarm_config/blob/f9008a3e744cf54d348f7cf260ef67ea4e05b779/rolling/release-fedora-build.yaml#L15)
    - Sooner the better; no deadline; can be done post-release - ideally do before RLWG expires on June 20th
  -

May 11th, 2026

# May 11, 2026

- FYI
  - Release candidate today
    - Want at least two important changes to land
      - Connex windows content filtering fix  
[https://github.com/ros2/rmw\\_connextdds/pull/226](https://github.com/ros2/rmw_connextdds/pull/226)
        - This might be related to the GA connex binaries provided by RTI?
      - Windows updated pixi.toml <https://github.com/ros2/ros2/pull/1834>
    - A couple people have suggested to sync packages to main quietly for Dockerfile generation
      - Skyler: their are Docker images using ros-testing repo now 🎉
  - Rolling bloom releases look good, a few that need people with special permissions  
<https://docs.google.com/spreadsheets/d/1qQIE-DZJdENrIFNGMCBvMam5Y2Zj01rixJb6bUUbuA/edit?gid=259852172#gid=259852172>
    - gazebo-release/\* (will ping Gazebo team)
    - osrf/osrf\_testing\_tools\_cpp
    - urdfdom\* (will ping Steve Peters, who is helping ros2-controls PMC take ownership of these)
    - ros2-rust/rosidl\_rust
  - Call for Changelog entries  
<https://docs.ros.org/en/rolling/Releases/Release-Lyrical-Luth.html#new-features-in-this-ros-2-release>
- Open Discussion
  - Nightlies look better
    - except Windows - segfault somewhere in Windows CI causing 70-ish test failures. Needs more debugging to find root cause. Client-library (rcplpy specific likely)
      - [https://ci.ros2.org/view/nightly/job/nightly\\_win\\_rel/3794/#showFailuresLink](https://ci.ros2.org/view/nightly/job/nightly_win_rel/3794/#showFailuresLink)
      - Sros2 failures workaround: <https://github.com/ros2/sros2/pull/386>
        - Clara: investigating if CI machine settings related to symlinks on Windows can fix this issue. Code expects symlinks to work, may need fallback for Windows where symlink work differently
        - **DONE** Needs review to see if this workaround makes sense in the context of sros2
        - Clara: Have PR that possibly addresses ros2cli errors (flaky tests)
    - 6 failures on rhel (new uncrustify failures?)
      - Also 3 compiler warnings

- Scott: Narrowed uncrustify version, but RHEL is still using a slightly newer version of uncrustify
- New warnings in rosidl\_buffer & rviz Fixed! 🎉
  - <https://github.com/ros2/rviz/pull/1725#pullrequestreview-4265611206>
- Need release team for rosidl\_buffer\_backends repo
  - <https://github.com/ros2-gbp/ros2-gbp-github-org/issues/1032>
    - Scott to look at later this evening (maybe)
      - This is done!
- Janosch: When are Gazebo builds appearing?
  - Locally failing to build with wall of warnings
  - Mjc: deps are built
  - Clara: expecting Gazebo Rotary to be released for Lyrical
  - Mjc: Gazebo and ROS will release at the same time going forward
  - Mjc: gz\_sim\_vendor has a ton of warnings; build succeeds; compiler warnings
    - **DONE** Ping gazebo team; look for existing reports about these warnings or create a new report
- Clara: on todo list: add Lyrical CI back to buildfarm (Lci jobs on [build.ros2.org](http://build.ros2.org)). Anyone concerned about load on the buildfarm and want this to wait?
  - Scott: Never had this many ROS distros supported at the same time (H, K, J, L + R) - need to move from 3-day rotation to 4-day rotation and reschedule all builds. Recommends doing this before the release. Clara will add these jobs this week
- Christophe: <https://github.com/eProsima/Fast-CDR/pull/311> Fast-DDS fails to build on Resolute with coverage flags. PR should fix it
  - Scott + Clara: we disabled coverage jobs 12 months ago b/c coverage jobs were run, but never updated or reported.
-

May 4th, 2026

# May 4, 2026

- FYI
  - Tutorial Party is in progress 🎉
  - [Next milestone, Release Candidate, May 11](#)
- Open Discussion
  - Skyler: rerunning Lyrical benchmarks, no lyrical docker containers
    - TODO ask osrf/docker\_images maintainers about Lyrical testing containers
    - Clara: recommends opening an issue; did see things merge in the Lyrical for Noble
  - Q from Kimberly: Why no tickets for zenoh on windows?
    - MJC: not sure yatm worked correctly. Odd that we went from 500 to 14k - what changed since last year?
    - TODO re-run yatm with that configuration
    - MJC: remembers using yatm v1 last year due to v2 issue
  - MJC: Dropped "11" from Windows instructions
  - MJC: Chris bug fix in fastdds wire API  
[https://github.com/ros2/rmw\\_fastrtps/pull/880](https://github.com/ros2/rmw_fastrtps/pull/880)
  - Clara Q: Why is ur\_robot\_driver missing?
    - TODO investigate if this depended on something removed int  
<https://github.com/ros/rosdistro/pull/50947> ?
    - Clara: blacklisting ur\_client\_library - not sure why
  - Clara: will disable uncrustify on RHEL
  - Clara: test\_launch\_ros still flaky on Windows
  - MJC broken builds that could unblock lots of others
    - moveit depends on coal, coal needs release upstream
    - All ecl stuff is broke on Lyrical
    - mrpt
    - webots
  - CY: PR for rosidl\_buffer fix - what branch to merge?
    - Merge into rolling, we'll backport into lyrical using mergifyio
    - PRs in review
    - rosidl\_buffer\_backends / rosidl\_buffers\_backends\_tutorials - no lyrical branches, or code yet
    - Releasing process:  
<https://docs.ros.org/en/rolling/How-To-Guides/Releasing/Releasing-a-Package.html>
  - Skyler: documentation on new Callback group executor
  - Clara: buildfarm kernel patch rolling out this week - will mean buildfarm is down part of this week (hopefully hours?)
  -

April 24th, 2026

## April 20, 2026

- Resolve qt\_cpp regression to get the rolling sync out
  - Throw a bunch of rosdep keys at it to make it work
  - Retrospective note: how strictly do we want rolling to be stable in the next release
  - Scott: the moment we get the sync done, we will start building RHEL 10
- Clara: Rolling to windows 11 today
- Test regressions to resolve
- Rosidl\_buffer bug that we know about, PRs incoming
- Punting on building a parallel resolute buildfarm

April 20th, 2026

# April 20, 2026

- FYI:
  - API and Feature Freeze **April 20 - EOD (11:59 PDT)**
    - All PMC managed repos (todo change docs)
  - Both windows nightlies failed with compile error in Zenoh - probably affects CI
    - Fixed; now connext is not building on windows
    - Scott: connext 7.7.0 communication issue on local machine
- Any features still not merged?
  - <https://github.com/ros2/rclcpp/pull/3134>
    - Green ci; needs 1 more review (Component container)
  - [https://github.com/ros2/launch\\_ros/pull/536](https://github.com/ros2/launch_ros/pull/536)
    - Green ci; needs 1 more review (Component container)
  - ~~<https://github.com/ros2/rclcpp/pull/3135>~~
    - Merged
  - [https://github.com/ros2/realtime\\_support/pull/140](https://github.com/ros2/realtime_support/pull/140)
    - Remove allocator memory strategy - CI is red
  - <https://github.com/ros2/rcl/pull/1206>
    - Check double usage of entities in rcl\_wait - CI is red
  - <https://github.com/ros2/rosidl/pull/935>
    - Install .idl files to same folders as msg/srv/action - seems like active discussion
  - ~~<https://github.com/ros2/rclcpp/pull/3130>~~
    - Merged - Fix topic statistics - approved; green CI except windows
  - <https://github.com/ros2/rclpy/pull/1620>
    - Needs to rerun with:
      - <https://github.com/ros2/ci/pull/868>
  - [https://github.com/ros2/rosidl\\_buffer\\_backends/pull/1](https://github.com/ros2/rosidl_buffer_backends/pull/1)
    - May just need a release, not subject for freeze (Release before distro freeze on May 18th, or after GA)
  - [https://github.com/ros2/rosidl\\_buffer\\_backends\\_tutorials/pull/1](https://github.com/ros2/rosidl_buffer_backends_tutorials/pull/1)
    - May just need a release, not subject for freeze (Release before distro freeze on May 18th, or after GA)
- Follow ups from last meeting:
  - Lots of [bloom activity](#); Waiting for a 0.14 release before rolling Rolling
    - Still need a last Rolling sync
    - ros\_workspace patch to say packages won't get updates
      - Patch only noble deb in gbp repo
  - Looks like Ubuntu Resolute ros-apt-source PR landed <https://github.com/ros-infrastructure/ros-apt-source/pull/32> ; appears we still need a release
    - <https://github.com/ros-infrastructure/ros-apt-source/pull/33>



April 13th, 2026

# April 13, 2026

- Follow up discussion points from last meeting
- RMW freeze PRs/Issues
- Open discussion about what needs to be worked on, and what decisions need to be made

## Known Test failures

### Windows

```
None
rcl: TestSubscriptionFixture.test_subscription_content_filtered
rcl:
TestSubscriptionFixture.test_subscription_not_initialized_with_content_filtering
rcl: WaitSetTestFixture.negative_timeout
rcl: WaitSetTestFixture.no_wakeup_on_override_timer
rcl_action:
TestActionCommunication.test_valid_feedback_content_filter_add_one_goal_id
rcl_action:
TestActionCommunication.test_valid_feedback_content_filter_remove_one_goal_id
rcl_action:
TestActionIntrospection.test_action_client_valid_cancel_goal_service_event
rcl_action:
TestActionIntrospection.test_action_server_valid_cancel_goal_service_event
rclcpp: TestContentFilterSubscription.content_filter_get_begin
rclcpp: TestContentFilterSubscription.content_filter_get_later
rclcpp: TestContentFilterSubscription.content_filter_reset
test_rmw_implementation: TestContentFilterSubscriptionUse.content_filter_get_begin
test_rmw_implementation: TestContentFilterSubscriptionUse.content_filter_get_later
test_rmw_implementation: TestContentFilterSubscriptionUse.content_filter_reset
test_rmw_implementation: TestSubscriptionUse.no_content_filter_set
demo_nodes_cpp: test_processes_output
rosbag2_transport: ClockPublishFixture.clock_respects_playback_rate
rosbag2_transport:
RecordSrvsPublishMultipleTopicsTest.resume_topic_filter_triggers_on_tracked_topic
rosbag2_transport: RecordSrvsSimTimeTest.resume_by_receive_time_immediate_due
rosbag2_transport:
RosBag2PlayTestFixture.high_freq_topics_does_not_starve_in_multibag_playback
test_rclcpp: test_timeout_subscriber.timeout_subscriber
test_tf2: StaticTransformPublisher.multiple_parent_test
```

The rosbag2\_transport tests appear to have had failures on all RMW implementations except Connex.

Test\_tf2 has a failure in StaticTransformPublisher test

## Linux aarch64

- point\_cloud\_transport: qos\_override

## Notes

- FYI:
  - Alpha + RMW freeze, **April 13 - EOD (11:59pm PDT)**
  - API and Feature Freeze **April 20 - EOD (11:59 PDT)**
- Follow up from last meeting
  - 100ish Windows regressions from Zenoh
    - Worked around first by reverting 1.8.0 bump
    - Merged 1.8.0 bump again [https://github.com/ros2/rmw\\_zenoh/pull/964](https://github.com/ros2/rmw_zenoh/pull/964)
  - Follow up: Windows 11 jobs not being as green as we thought
  - T&T Party:
    - Do we have a new ros2-testing-apt-source deb for Ubuntu Resolute? (Not yet)
  - Transition to Resolute and RHEL 10
    - Hoping to do this week - need to figure out how
    - Process: Run the migration script.
      - Declare a starting point in ros/rosdistro
      - Freeze Rolling
      - Run migration script (iterative process) (roll rolling onto itself with new declared platforms)
      - Everything will get a deb increment bump, some may not make it
      - Expect many regressions on RHEL 10 b/c missing deps in EPEL 10
      - Need more time (follow up with Scott April 14th)
        - Want to land changes in bloom for dynamic RPMs before rolling Rolling
        - Announce heads up to users about these platforms not getting patches
      - Recommend injecting bloom patch that warns when sourcing ros\_workspace
      - Do a final sync after blooming packages in Rolling for Noble / RHEL 9
      -
- RMW Freeze status

- ConnexDDDS
  - Using 7.7.0 (vs 7.3.0 in Kilted)
  - 🟡 Test failures in Windows
    - demo\_nodes\_cpp: test\_parameter\_events\_async, timeout
    - rcl\_action: content filter and discovery
    - rcl: content filtering and discovery
    - rclcpp: content filtering
    - test\_rmw\_implementation: Content filter
- CycloneDDS
  - Using 11.0.x (vs 0.10.x in Kilted)
  - 🟡 Test failures in Windows
    - rcl: waiting and timers
    - test\_rclcpp: timeout subscriber
- Fast-DDS
  - Using 3.6.x branch (vs 3.2.x in Kilted)
  - No known issues
- Zenoh
  - Merged 1.8.0 (looks like it's being backported to older distros, so not unique to Lyrical)
  - No known issues
- Open Discussion
  - Is Windows building?
    - Need to use MSVC 2022 for C++20 support
    - Seen build failures in:
      - <https://github.com/ros2/rclcpp/pull/3124>
  - Follow up: Windows 11 jobs not being as green as we thought
    - Clara: Pretty sure regressions are caused by configuration changes - playing whack-a-mole with containers on Windows. Should be somewhat easier to identify regression causes post Zenoh fixes
    - Windows 11 has 70 regressions, Windows 10 has 20 (which are also seeing on Win 11)
      - Win 11: problems seems to be coming from slowness while writing to disk. Still trying to get Metrics. Need a couple more days to look into this
      - Win 11 introduced changes related to security (Unable to load a file) and folder structure (ros2 daemon not starting up)
  - Compile error in rviz\_common with Qt5 in RHEL 9
    - **Fix**, revert, or ignore and roll to RHEL 10?
    - Alex: preparing fixes for rviz\_common build issue on RHEL
  - Scott: Are we expecting to support Qt5 still
    - MJC: we should not support Qt5
    - Scott: make sure we communicate if we don't support Qt5
    - Alex: CI jobs on Noble probably using Qt5, RQT tools on Noble probably don't run. **TODO check rqt Noble.**

- Alex: RViz should compile and run with Qt6
- ament\_ros\_defaults [https://github.com/ros2/ament\\_cmake\\_ros/pull/62](https://github.com/ros2/ament_cmake_ros/pull/62)
  - rmw\_connextdds compile error needs investigating
  - Should be fixed by Clara deploying MSVC 2022 deployment on [ci.ros2.org](https://ci.ros2.org) - TODO see if Janosch's PR comes back green with this change
- 10 days from Resolute release - if we need hot fixes, this is the week
- When to do CI change to Resolute - Need to follow up with Scott before deciding
- Tully - FYI Addisu has a bloom upgrade that makes checkout of ros/rosdistro much faster

April 6th, 2026

# April 6, 2026

- Follow up discussion points from last meeting
- RMW freeze PRs/Issues
- Open discussion about what needs to be worked on, and what decisions need to be made

## Notes

- FYI: Next deadline is Alpha + RMW freeze, **April 6 - EOD (11:59pm PDT)**
- RMW Freeze
  - Features
    - Update CycloneDDS to 11.0.1 <https://github.com/ros2/ros2/pull/1808>
      - TODO check if warnings have regressed on Windows
    - Update ros2/ci to use ConnexDDS 7.7.0
      - <https://github.com/ros2/ci/pull/844>
      - [https://github.com/ros2/rmw\\_connextdds/pull/219](https://github.com/ros2/rmw_connextdds/pull/219)
    - Need to deploy MSVC 2022 [ci.ros2.org](https://ci.ros2.org) <https://github.com/ros2/ci/pull/856>
      - Clara to deploy today to ci.ros2.org
    - Buffer types
      - <https://github.com/ros2/rosidl/pull/942>
      - <https://github.com/ros2/rosidl/pull/943>
      - [https://github.com/ros2/rosidl\\_typesupport\\_fastrtps/pull/144](https://github.com/ros2/rosidl_typesupport_fastrtps/pull/144)
      - [https://github.com/ros2/rosidl\\_python/pull/250](https://github.com/ros2/rosidl_python/pull/250)
      - [https://github.com/ros2/rosidl\\_runtime\\_py/pull/39](https://github.com/ros2/rosidl_runtime_py/pull/39)
      - [https://github.com/ros2/rosidl\\_core/pull/14](https://github.com/ros2/rosidl_core/pull/14)
      - [https://github.com/ros2/rmw\\_fastrtps/pull/867](https://github.com/ros2/rmw_fastrtps/pull/867)
      - Focused on Fast-RTPS support
        - Had zenoh PR before, but not included in this release (assume it can be backported post Lyrical CA)
          - Aim for patch-1 release for Zenoh
        - CycloneDDS uses introspection typesupport - cannot support Buffer types in introspection typesupport?
          - Introspection tries to access types directly
          - Supports get/index operations, but no way to implement those methods to get from GPU memory, which would mean copying whole message from GPU -> CPU
  - To merge:
    - All PRs approved, waiting for CI
    - Green on all except Windows (Need to compare to Windows nightly)

- Run Windows CI run without zenoh enabled
      - Running CI:
        - <https://github.com/ros2/rosidl/pull/943#issuecomment-4193826347>
  - Bugs
    - Fast-DDS Fails to build on Ubuntu Resolute:
      - <https://github.com/eProsima/Fast-DDS/pull/6354>
    - ros2param test failure caused by Zenoh bump
      - [https://github.com/ros2/rmw\\_zenoh/issues/951](https://github.com/ros2/rmw_zenoh/issues/951)
- Open Discussion
  - Windows CI is sequential executor (part of why it takes longer)
    - Timeouts on Zenoh tests, causing CI to take longer
    - 100ish regressions from Zenoh
      - Revert Zenoh bump to land buffer types instead
      - If zenoh is wire and API compatible, can land after release
      - Regressions started 5 days ago (zenoh version is issue, not rust version)
        - [https://github.com/ros2/rmw\\_zenoh/pull/935](https://github.com/ros2/rmw_zenoh/pull/935)
        - For retrospective - zenoh merged with regressions in CI, [ci.ros2.org](http://ci.ros2.org) worked there.
  - Windows 11
    - Jobs are not as green as we thought - Jenkins failed to pull failures from logs
    - Clara looking into regressions
  - T&T party
    - MJC request to Andrew: Tutorials on Bazel for TT party?
    - Need new ros2-testing-apt-source deb for Resolute
  - Transition to Resolute and RHEL 10 this week (post RMW freeze)
  - Bazel update
    - Support rcl-c, rclcpp, rclpy
    - Lots of static linking (4 different middlewares)
    - Created new tooling to generate bazel modules with dependencies from ros/rosdistro, and apply bazel-specific patches
    - Attempted to get shared-libraries working
      - Goal: tar layer on top of Resolute container (rules\_oci ?)
    - RMW environment variable implementation does not work
    - Turtlesim + qt loading in Bazel (c++ bindings for Qt)
      - Hints that RViz may be possible in Bazel
    - Brought in a few packages not in ros\_core (tf2)
    - Intrinsic hosting warm remote action cache in GCS bucket
      - Fresh build in 30 seconds if your CPU arch matches
    - Goal: Announce something for people to try April 19th

March 30, 2026

# March 30, 2026

- Follow up discussion points from last meeting
- Make a list of pull requests that need review
- Open discussion about what needs to be worked on, and what decisions need to be made

## Notes

- FYI: Next deadline is Alpha + RMW freeze, **April 6 - 7 days from this meeting**
- Follow ups from last meeting
  - No feedback against updating Rolling pixi.toml in ROS 2 meeting
    - MSVC 2022 updates to pixi.toml [merged](#)
    - [Merged](#) rust 1.85 pixi.toml update
  - Pytest >=8.4 compatibility [fixed](#)
  - CycloneDDS 11.x
    - Looks like they need a new user added to release repo:
      - <https://github.com/ros2-gbp/ros2-gbp-github-org/issues/1012>
        - Ping cottsay
      - <https://github.com/eclipse-cyclonedds/cyclonedds/issues/2372>
    - Still need updates to rmw\_cyclonedds  
[https://github.com/ros2/rmw\\_cyclonedds/pull/550](https://github.com/ros2/rmw_cyclonedds/pull/550)
  - C/C++ version all in one place PR:
    - Moved to ament\_cmake\_ros:  
[https://github.com/ros2/ament\\_cmake\\_ros/pull/62](https://github.com/ros2/ament_cmake_ros/pull/62)
- Pull requests needing review
  - Qt6
    - ~~[Support Qt6 ros-visualization/rqt\\_plot#127](#)~~
    - ~~[Support Qt6 ros-visualization/rqt\\_msg#27](#)~~
    - ~~[Support Qt6 ros-visualization/rqt\\_reconfigure#158](#)~~
    - ~~[Support Qt6 ros-visualization/rqt\\_console#58](#)~~
    - ~~[Support Qt6 ros-visualization/rqt\\_graph#114](#)~~
    - ~~[Support Qt6 ros-visualization/rqt\\_publisher#56](#)~~
    - ~~[Support Qt6 ros-visualization/rqt\\_service\\_caller#38](#)~~
    - ~~[Support Qt6 ros-visualization/rqt\\_bag#206](#)~~
  - Lyrical target platforms: [https://github.com/ros2/ros2\\_documentation/pull/6295](https://github.com/ros2/ros2_documentation/pull/6295)
  - TODO figure out remaining rcl:Buffer PRs that need merging
  -
- Open discussion
  - MSVC 2022: Need to compare test failures with current nightly  
<https://github.com/ros2/ci/pull/856>

- Kimberly: Hard to compare with existing windows test failures, because tests are very flakey
- Next time: Clara Windows 11 update (Clara on vacation currently)
- Mjcarroll: Tutorial party timing
  - Sloretz: after Feature freeze on April 13th
- Mjcarroll 26.04 progress:
  - Qt6 is last known issue causing red builds
  - Compiler warnings in ros2/system\_tests
- Janosch: [rmw\\_cylconedds PR](#) (adding key support): performance cut in half in benchmarks (not in in actual system)
  - Suspected cause: structure used to represent types has doubled in size, and used for reading and writing. Janosch recommends splitting struct
    - Mjcarroll: internal, not ABI/API breaking. Suggest merge now and treat performance regression as a bug
  - Janosch to approve and merge - needs someone to start CI (sloretz to start CI)
- Structured parameters: move to REP; will not make Lyrical release

March 23, 2026

# March 23, 2026

- Follow up discussion points from last meeting
- Make a list of pull requests that need review
- Open discussion about what needs to be worked on, and what decisions need to be made

## Notes

- FYI: Next deadline is Alpha + RMW freeze, **April 6 - 14 days from this meeting**
- Follow ups from last meeting
  - CycloneDDS
    - Warnings suppressed in 10.x:  
<https://github.com/eclipse-cyclonedds/cyclonedds/pull/2373>
      - Key support PR in rmw\_cyclonedds should fix warnings rather than suppress them
    - Console spam in 10.x
      - Remove content filtering check?  
<https://github.com/ros2/rcl/pull/1304>
    - 11.x progress
      - <https://github.com/eclipse-cyclonedds/cyclonedds/issues/2372>
      - [https://github.com/ros2/rmw\\_cyclonedds/pull/550](https://github.com/ros2/rmw_cyclonedds/pull/550)
  - MSVC2022
    - Need to merge pixi OpenCV version bump  
<https://github.com/ros2/ros2/pull/1801>
  - Previously discussed rolling Rolling on this date
    - Since we pin versions on Windows 11, recommend rolling to Windows 11 while delaying Ubuntu migration since Ubuntu versions can change under us, impacting CI.
      - Windows 11: builds with regressions - both ROS and infrastructure regressions, non-deterministic CI (containers on windows 11 maybe not being fully cleaned up?)
        - <https://github.com/ros2/ci/issues/855>
      - Clara: Pixi.toml updates and Windows 11 are different decisions. Pixi.toml has been static since Christ created it. Fine to roll pixi whenever ROS PMC decides. Wait on Windows 11 until regressions are fixed
      - Kim: Intent was to map pixi.toml to as much of Ubuntu as possible. (Humble pixi.toml is different from Jazzy pixi.toml). Related: mjcarroll talked about relaxing pixi.toml constraints
  - Rust version

- Resolute default is 1.92 <https://packages.ubuntu.com/resolute/rustc>
  - Pixi.toml PR changing to 1.85 <https://github.com/ros2/ros2/pull/1785>
  - Skyler: Not sure if conscious choice
  - Janosch: Discussed rust version in CLWG, not sure what was agreed on; check with zetascale
  - Kim: Was discussion on version too low are unable to handle Zenoh's rust lockfile. Might be a conscious decision to support rust version in 22.04 (Humble). Suggest including rust version in REP-2000 docs (now ROS 2 docs) like C, C++, and Python versions
    - [https://github.com/ros2-rust/ros2\\_rust/discussions/561](https://github.com/ros2-rust/ros2_rust/discussions/561)
    - <https://openrobotics.zulipchat.com/#narrow/channel/526027-ROS-General/topic/rustc.20to.201.2E85.3F/with/567724473>
      - From esteve: “I proposed 1.85 because it's the version that Debian Trixie ships with and because it matches the minimum version required for Rust 2024. Ubuntu Resolute will ship with 1.88 and given that Lyrical is the only one that has the code generator (rosidl\_generator\_rs) as one of the default generators, we should be fine with 1.85”
- rviz\_ogre\_vendor
  - Patched rviz\_ogre\_vendor: <https://github.com/ros2/rviz/pull/1684>
  - Most likely won't try to remove this vendor package in Lyrical
    - <https://github.com/ros2/ros2/pull/1805>
    - <https://github.com/ros2/rviz/pull/1683>
- C++ / C versions
  - PR to set it all in one place [https://github.com/ament/ament\\_cmake/pull/621](https://github.com/ament/ament_cmake/pull/621)
- Pull requests needing review
  - python3-qt-bindings rosdep key: <https://github.com/ros/rosdistro/pull/50338>
  - REP 2000 docs [https://github.com/ros2/ros2\\_documentation/pull/6249](https://github.com/ros2/ros2_documentation/pull/6249)
  - Key support [https://github.com/ros2/rmw\\_cyclonedds/pull/550](https://github.com/ros2/rmw_cyclonedds/pull/550)
    - Janosch: testing this PR with Cyclone 10.x looks fine
  - Bugs:
    - [https://ci.ros2.org/job/ci\\_linux/28170/](https://ci.ros2.org/job/ci_linux/28170/)
    - (BUILD) Launch\_test pytest >= 8.4 compatibility PR <https://github.com/ros2/launch/pull/949>
    - Flake8 regressions <https://github.com/ros2/ci/issues/838#issuecomment-3952892450>
      - In rclpy
    - New compiler warnings [https://github.com/ros2/system\\_tests/issues/584](https://github.com/ros2/system_tests/issues/584)
    - Launch testing threading issues <https://github.com/ros2/launch/issues/948>
  - Features
    - Structured parameter PR <https://github.com/ros2/rclcpp/pull/2944> - Needs review / test (Created by a GSoC student) - Lyrical feature

- rcl::Buffer PRs: <https://github.com/ros2/rmw/pull/416> (this one Michel approved)
- Rclpy async node: <https://github.com/ros2/rclpy/pull/1620> - Needs reviews
- Callback group events executor <https://github.com/ros2/rclcpp/pull/3097>
- Open discussion
  -

March 16th, 2026

## March 16th, 2026

- Follow up discussion points from last meeting
- Make a list of pull requests that need review
- Open discussion about what needs to be worked on, and what decisions need to be made

### Notes:

- Follow ups from last meeting
  - Lyrical release timeline and target platforms:  
[https://github.com/ros2/ros2\\_documentation/pull/6295](https://github.com/ros2/ros2_documentation/pull/6295)
    - Have not asked Kat about tutorial party timing
  - TODO Roll Rolling to Windows 11, Ubuntu 26.04 & RHEL 10
    - Implies rolling before Ubuntu release on April 23
    - Last time: Rolled just after Ubuntu Noble release, or very close to release
    - This time: Roll early, risk rebuilding Rolling if system deps in Ubuntu change
    - Clara: Builds on Rolling have test failures / compiler warnings (build failures for Qt packages)
    - Mjcarroll: option to wait until RMW feature freeze on April 6, to avoid impacting CI of those features. Desire green CI before rolling so that it's harder to merge broken features due to unclear origin of test failures
- Pull requests needing review:
  - Port REP 2000 to docs [https://github.com/ros2/ros2\\_documentation/pull/6249](https://github.com/ros2/ros2_documentation/pull/6249)
  - New release of CycloneDDS would resolve thousands of build warnings on MSVC 2022 [https://github.com/ros2/rmw\\_cyclonedds/pull/550](https://github.com/ros2/rmw_cyclonedds/pull/550) , out of our control if CycloneDDS will release in time (Janosch looking into this PR)
    - Janosch: Cross vendor DDS interop broken (wstring support) between FastDDS and CycloneDDS - TODO Ping Miguel and about it
    - Janosch: CycloneDDS is hidden behind rmw interface - maybe it doesn't need to happen before Lyrical release.
    - Conflicting memories of purpose of RMW freeze: Is it just the RMW API, or is it stability of ROS due to breaking rmw changes during the release process?
    - What does Connex do? Does it work with either CycloneDDS or Fast-DDS? - Waiting for new Connex binaries  
<https://github.com/ros2/ci/pull/844>
    - Possible path forward: Disable cross-vendor system tests, merge Cyclone PR, then let DDS vendors figure out wstring incompatibility

- Alt: Suppress compiler warnings on existing version of CycloneDDS <https://github.com/eclipse-cyclonedds/cyclonedds/pull/2343> - patch in Release repo?
    - Scott: Add to colcon.pkg in CycloneDDS cmake and compiler flags
    - Scott: Colcon meta file in [ci.ros2.org](https://ci.ros2.org) to pass flags to suppress warnings in Cyclonedds
    - Mjcarroll: fork CycloneDDS
  - Structured parameter PR <https://github.com/ros2/rclcpp/pull/2944> - Needs review / test (Created by a GSoC student) - Lyrical feature
  - rcl::Buffer PRs: <https://github.com/ros2/rmw/pull/416> - Needs reviews
  - Rclpy async node: <https://github.com/ros2/rclpy/pull/1620> - Needs reviews
  - <https://github.com/ros2/rclcpp/pull/3097> - Have a review, addressing feedback
  - Ubuntu Resolute issues <https://github.com/ros2/launch/pull/949>
    - Launch\_pytest needs ROS PMC review
  - <https://github.com/ros2/ci/issues/838> - need someone to investigate and fix
  - Pixi.toml PR changes
    - OpenCV (draft until Rolling rolls to 26.04) <https://github.com/ros2/ros2/pull/1801> Needed to build on MSVCC 2022 transition (only held back by CycloneDDS compiler warnings)
    - Rust1.85 <https://github.com/ros2/ros2/pull/1785>
    - Ogre dependency <https://github.com/ros2/ros2/pull/1805>
- Open discussion
  - Any reason not to deprecate rviz\_ogre\_vendor?
    - <https://github.com/ros2/rviz/pull/1683>
    - Scott: Check patches on rviz\_ogre\_vendor, what are they trying to do?
    - Scott: Manual performance testing with system package\
    - Janosch: Another ogre vendor package from Gazebo with strange build flags
    - Mjcarroll: 1.12.10 is in Ubuntu, version 1.14 is available on conda-forge, but not in Ubuntu packages. Ogre is typically statically linked. If we remove vendor package, we may end up re-introducing the vendor package if we want to update for 14 later. Unlikely we'll migrate to ogre-next
    - Shane: option to patch min cmake version and kick the can
  - Drop pydocstyle, or kick can down the road? [https://github.com/ament/ament\\_lint/issues/497](https://github.com/ament/ament_lint/issues/497)
  - Ubuntu Resolute Lyrical Dockerfile <https://gist.github.com/sloretz/52648d0799c18238388ce1344f194b4c>
  - Janosch: C++20 bump - yes go ahead. Same with C17.
    - MJC: latest MISRA covers C++20
    - Rob Woolley: VxWorks & QNX support C++ 20
  -

Feb 27th, 2026

## Feb 27th, 2026

- Identify what's being worked on, and who is working on it
- Make a list of pull requests that need review
- Discuss a proposed release timeline
- Open discussion about what needs to be worked on, and what decisions need to be made

### Notes:

- **Identify what's being worked on:**
  - Bazel Integration ([asymingt](#))
  - QT6 Migration ([ahcorde](#))
    - Need 6.10, but has 6.9.2 - can fix with more verbose CMake functions for generating Python bindings (to python\_cmake\_bindings pkg?)
    - Andrew: 6.9 is not a long-term release, surprised that Resolute would choose it
      - Mjcarroll: Qt doesn't support system packages - Canonical does - we've had this problem before
  - ament\_target\_dependencies removal fixes (Moveit, rtabmap, rosbag\_introspection) (ahcorde)
  - CL WG: Janosch + Skyler POCs
    - Events executor (rclcpp)
    - Python Asyncio executor (rclpy)
  - Ahcorde: Accelerated memory working group (nVidia doing the dev work, PRs not yet opened) - they know deadline is probably first week april b/c RMW changes. Ahcorde suggested adding headers first, and implementation post release. They're motivated for Lyrical
  - Rosidl improvements (office hours discussion), cmake fix, cache layer. Goal is to reduce build time of interfaces. Mjcarroll to manage this one
  - Structured parameters (Janosch) - TODO(mjcarroll) find open PR - should have top level ros2/ros2 issue
    - <https://github.com/ros2/ros2/issues/1734>
  - Logging improvements (Tomoya) may need to be added to changelog, work is done - there should be a discourse post
  - Gazebo changes possible - Jetty - talk to Addissu
  - Python type hinting (Michael Carlstrom)
  - Likely Fast-DDS bump (Miguel)
  - Likely ConnexDDS bump - Required for Windows 11 (compiler warnings). Scott says next week binaries.
  - SwiftDDS - Need PMC discussion

- Infra team work: could announce with lyrical, but not blocking (cargo support)
  - <https://github.com/ros2/ros2/issues/1724>
- Dynamic RPM builds (Infra PMC) - Runtime and devel subpackages for RHEL
- Buildtime resolution of group dependencies (would make it easier to support non-core group members like GurobDDS and SwiftDDS)
- Python package deprecations ([setup.py](#),) - cottsay - Does not block Lyrical release
  - <https://github.com/ros2/ros2/issues/1738>
- 
- **Issues / Pull requests needing attention**
  - Ubuntu Resolute tracker (aggregates all regressions)
    - <https://github.com/ros2/ci/issues/838>
    - Clara running out of time allocation to address these, need to call for more hands
    - Launch\_pytest not building with pytest version on resolute
    - Clara says need help soonest on: gcc 15 errors in ros2/system\_tests
      - [https://github.com/ros2/system\\_tests/issues/584](https://github.com/ros2/system_tests/issues/584)
  - Launch\_testing regressions in process naming (maybe threading change in cPython 3.14?) - needs to be triaged
    - <https://github.com/ros2/launch/issues/948>
  - No module rosidl\_generator\_py <https://github.com/ros2/ros2/issues/1650>
  - Drop pydocstyle [https://github.com/ament/ament\\_lint/issues/497](https://github.com/ament/ament_lint/issues/497)
  - Windows 11: investigate why test\_launch\_ros hangs (old issue now worse)
  - QT6 6.9 does not work with provided CMake macros for Python bindings (Options; provide our own macros or upgrade to > 6.10) - shiboken is broken - does sip6 work?
  - [https://github.com/ros2/ros2\\_documentation/pull/6249](https://github.com/ros2/ros2_documentation/pull/6249)
- **Proposed timeline: (TL:DR Kilted 1 day earlier)**
  - **Mon. April 6, 2026** - Alpha + RMW freeze
    - Preliminary testing of ROS Base packages
    - API and feature freeze for RMW provider packages.
  - **Mon. April 13, 2026** - Freeze
    - API and feature freeze for ROS Base packages in Rolling Ridley.
    - Only bug fix releases should be made after this point.
    - New packages can be released.
  - **Mon. April 20, 2026** - Branch
    - Branch from Rolling Ridley
    - rosdistro is reopened for Rolling PRs for ROS Base packages.
    - Lyrical development shifts from ros-rolling-\* packages to ros-lyrical-\* packages.
  - **Mon. April 27, 2026** - Beta
    - Updated releases of ROS Desktop packages available.
    - Call for general testing.
  - **Thu, April 30, 2026** - Kick off Tutorial Party

- Open up tutorials for community testing.
  - **Mon. May 11, 2026** - Release Candidate
    - Build release candidate packages up to ROS Desktop
  - **Mon. May 18, 2026** - Distro Freeze
    - Freeze all Lyrical branches on all ROS desktop packages
    - No pull requests for any Lyrical branch or targeting lyrical/distribution.yaml in rosdistro repo will be merged.
  - **Friday May 22nd, 2026** - General Availability
    - Release announcement.
    - ROS desktop packages source freeze is lifted and rosdistro is reopened for Lyrical pull requests.
  - **TODO**
    - Ask Kat about timeline for tutorial party since it's community driven
    - Clara: When to migrate Rolling to new target platforms on ci.ros2.org and buildfarm
      - Scott: consider migrating Rolling as soon as Ubuntu Resolute is "ready enough"
      - Clara: do this as early as possible because there are going to be a lot of community package fixes that we need to do
      - Migrating rolling before this timeline, we would migrate as soon as we have the core building and Resolute is released.
      - Need to update rosdep dependencies for blooming for Resolute
      - Scott: Recommend migrating to RHEL 10 Resolute at the same time, they don't have to be done together, but each requires a rebuild so better to do platforms together.
        - Migrating to Windows 11 is purely [ci.ros2.org](https://ci.ros2.org) - migrate as soon as we have a green build
        - RHEL 10: only QT6 has python\_bindings, pydocstyle
          - RHEL may make breaking changes, RHEL may switch to QT 6.10 shortly
        - Michael carroll: disable everything above qt6 python bindings, and roll right now?
          - Scott: that's what we do now for RHEL
- **Open discussion:**
  - How is this meeting time? [Respond here](#).
  - Likely Target Platforms
    - Tier 1
      - Ubuntu Resolute Racocon (26.04)
      - Windows 11
    - Tier 2
      - RHEL 10
    - Tier 3
      - Debian Trixie ([EOL earlier than Lyrical: 2028-08-09](#))

- Scott: Support from-source build of previous release at Tier 3 (for LTS)
      - Clara: Has seen people use this as a migration path
    - Mjcarroll: pixi from source as Tier 3 - solves jetson and weird linux distro issues (esteve very interested in this)
      - Scott: Once pixi Lyrical is working on Windows, try it and Document it on Linux
  - Likely Language Requirements
    - C++20 ([Discourse thread](#))
    - C17
    - Python 3.12 (RHEL) 3.13 (Debian) 3.14 (Ubuntu / Windows)
  - What versions in pixi.toml?
    - Clara: what versions? Lock to ubuntu?
    - Mjcarroll: Unpin as much as possible in pixi file, generate a pixi.lock file for CI? Why:
      - Clara: We already ship a pixi.lock file for Windows - running it with "frozen"
    - What are we committing to in pixi.toml?
    - Scott: pixi.toml versions are probably stale - unpinning pip packages on [ci.ros2.org](https://ci.ros2.org) was broken
    - Mjcarroll: renovate bot that systematically updates pixi.lock file
      - Mjcarroll: suggest pin to "ranges" of packages? > or < some versions to give some flexibility. Maybe default to minor bump. Solved set of versions should not be in pixi.toml - but constraints are okay. Need to decide what constraints to hold do.
    - Clara: pinning on Windows as a Tier 1 difficult. How do packages get security updates?
  - Release art is in progress
  - Clara: Knows Kim has ideas, will send her meeting notes
  - Ninja generator, connext installation -> to the Infra PMC

# Feedback for retrospective

## Feedback for retrospective

### Add lyrical to rosindex sooner

It has a development distro section. Forgot to add it until release time. Add to checklist

### Unable to land pixi.toml changes because of launch\_xml hang with newer flake8/pyflakes

Linting should not be a test! <https://github.com/ros2/ros2/pull/1834>

### Proximity to other releases

RTI releases connext at about the same time. Testing with pre-release binaries. Late merge of GA binaries

### Should have generated yatm cases much sooner

We created the yatm test case config last minute. We should have started it a least a week before. We don't have Windows / Zenoh test, which is easy to add, but representative of us not having the test case splits we want.

Tully: Would be nice for test cases to have links to the config showing which requirements created the tests.

Test case curation is a much bigger task than we realized. Need to start this much sooner in the release process. This is curation of thousands of test cases.

Tully: Could add priorities to test cases, make sure all high priority tickets are tested

Yatm includes / excludes are a logic puzzle. Struggling to figure out how to add zenoh / windows/ binary

Requirements / blueprints in repos, and then scrape all repos in core for tests? Put test definitions closer to the things they're testing.

### Missed bloom-releases post-freeze

The Lyrical beta needed fixes on several repos, including rclcpp. No one bloomed rclcpp after the freeze deadline, and before the beta build of ROS Lyrical. Need to make sure to bloom release everything before starting the process of branching from rolling.

## Difficult to debug missing or incorrect system deps

Rosdep keys are always installed when building from source, buildfarm tests only the specific keys. Almost need a "hermetic" build locally.

## Rolling sync blocked by regressions

The final Rolling sync on noble was blocked by QT related regressions. In hindsight, we should have done a final rolling sync before landing the Qt6 migration. The desktop variant was blocked by `rqt_image_view`, which is not a ROS PMC maintained repo, but we still have write access to. The `desktop_full` variant was blocked by [https://github.com/CCNYRoboticsLab/imu\\_tools](https://github.com/CCNYRoboticsLab/imu_tools) which is not a ROS PMC maintained repo, and we don't have write access to. It would have been nice to sync without the Qt6 related regressions, but after we did that it would be nice to have a plan about what we'll do about regressions in packages we don't maintain in the `desktop_full` variant.

## Pre-write announcements

Sloretz: I got super sick when the RMW freeze happened, and didn't have announcements ready for the end of the RMW freeze, and the upcoming feature freeze. Then it took me until Friday night to ask for help.

## Testing Connex on Windows

It looks like `ros2/ci` uses a private repo to install ConnexDDS on Windows machines. I don't have access to this repo, so even though I have a windows machine I'm unable to try to debug these locally  
[https://github.com/ros2/ci/blob/8842fcefcd27f3613572cae4b4dd06e746170e93/windows\\_docker\\_resources/rti\\_web\\_binaries\\_install\\_script.ps1#L79-L92](https://github.com/ros2/ci/blob/8842fcefcd27f3613572cae4b4dd06e746170e93/windows_docker_resources/rti_web_binaries_install_script.ps1#L79-L92)

## Zenoh 1.8.0 merged with Windows test failures

CI for [https://github.com/ros2/rmw\\_zenoh/pull/935](https://github.com/ros2/rmw_zenoh/pull/935) caught 138 new test failures on windows, but every other platform was already yellow with an existing test failure. This PR should not have been merged.

## Need bigger time allocation

Sloretz: March 30th, currently 40% of my time is allocated to Lyrical release. Recommend next ROS Boss asks for bigger time allocation.

## CI is slow

Sloretz: March 23rd, long time to wait for CI results.

