

ROS 2 TSC Contribution Report 2023-04-20

Monthly contribution self-reporting

Guidelines

- Each TSC representative: Please fill in your organization's section with the engineering activities and other contributions that your organisation has made to ROS 2.
- Please fill your section prior to our next meeting on **2023-04-20**.
- This report covers work done since the previous TSC meeting: **2023-03-16 - 2023-04-20**. Don't include work done earlier or planned for the future.
- Contributions may come from you, your colleagues, and/or external collaborators that you're funding to do the work that's reported.
- Each package to which you're contributing should be included on the list of ROS 2 Common Packages.
- When possible, provide links to your contributions (e.g., pull requests).
- Provide enough detail for everyone to understand what was done.
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- These reports will be included in the published meeting minutes.
- Example:
 - foo_org/bar_pkg
 - Implemented the whizbang feature ([PR](#))
 - Investigated and reported on the superb bad bug ([comment](#))

Reports

- **Amazon: Aaron Blasdel**
 - None identified during this period (My current Amazon suborganization is not using/contributing to ROS 2, I have not yet found a way to effectively collate Amazon wide contribution at this time)
- **Apex.AI: Lyle Johnson**
 - ros2/ci
 - [Install LTTng and related packages on Linux](#) - Christophe Bedard (merged 2023-04-03)
 - ros2/launch
 - [Document LaunchService.{run.run_async}\(\) return value](#) - Christophe Bedard (merged 2023-04-12)
 - ros2/rmw_iceoryx
 - [Fix macOS build](#) - Simon Hoinkis (merged 2023-03-24)
 - [Transfer maintenance \(rolling\)](#) - Simon Hoinkis (merged 2023-03-21)
 - [Update <code>master</code> branch for ROS 2 rolling to latest iceoryx <code>master</code> branch](#) - Simon Hoinkis (merged 2023-03-21)
 - ros2/ros2_documentation
 - [Replace 'ROS2' with 'ROS 2' in 'Using Python Packages' guide](#) - Christophe Bedard (merged 2023-04-17)

- [Add release note about tracepoints being included by default](#) - Christophe Bedard (merged 2023-04-03)
 - [Flip ros2_tracing guide to building without instrumentation](#) - Christophe Bedard (merged 2023-04-03)
 - ros2/ros2_tracing
 - [Move ros2trace tests to new test_ros2trace package](#) - Christophe Bedard (merged 2023-04-18)
 - [Error out if trace already exists unless 'append' option is used](#) - Christophe Bedard (merged 2023-04-18)
 - [Improve 'ros2 trace' command error handling & add end-to-end tests](#) - Christophe Bedard (merged 2023-04-18)
 - [Allow requiring minimum ltng package version for is_ltng_installed](#) - Christophe Bedard (merged 2023-04-12)
 - [Improve tracertools rosdock2/doxygen output](#) - Christophe Bedard (merged 2023-04-11)
 - [Update README and other documentation](#) - Christophe Bedard (merged 2023-04-09)
 - [Disable tracing on macOS](#) - Christophe Bedard (merged 2023-04-06)
 - [Include tracepoints by default on Linux](#) - Christophe Bedard (merged 2023-04-03)
 - ros2/rosbag2
 - [Add type_hash in MessageDefinition struct](#) - Michael Orlov (merged 2023-04-16)
 - [Read message definitions from input files in bag_rewrite](#) - Michael Orlov (merged 2023-04-15)
 - [Store message definitions in SQLite3 storage plugin](#) - Michael Orlov (merged 2023-04-14)
 - [Add tests for rosbag2_performance_benchmarking pkg](#) - Michael Orlov (merged 2023-04-14)
 - [Fix for flaky `TimeControllerClockTest::unpaused\_sleep\_returns\_true`](#) - Michael Orlov (merged 2023-04-14)
 - [Switch the actions to use the 'humble' branch.](#) - Michael Orlov (merged 2023-04-11)
 - [DRAFT: Add message_definition to create_topic\(..\) API](#) - Michael Orlov (merged 2023-03-24)
 - [Fix expectations for rosbag2 return code in rosbag2_performance_benchmarking](#) - Michael Orlov (merged 2023-03-23)
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- **Bosch: Ralph Lange**
 - [ros/diagnostics](#)
 - [Adding documentation about supported distros](#) - Christian Henkel (merged 2023-04-03)
 - [replacing ntpdate with ntplib](#) - Christian Henkel (merged 2023-03-24)
 - [ros2/common_interfaces](#)
 - [update YUV format codes and documentation](#) - Christian Rauch (merged 2023-04-03)

- [ros2/rcld](#)
 - [Foxy Release 1.1.2](#) - Jan Staschulat (merged 2023-03-31)
 - [Rolling Release 3.0.9](#) - Jan Staschulat (merged 2023-03-22)
 - [Humble Release 4.0.2](#) - Jan Staschulat (merged 2023-03-22)
- **Canonical: Jeremie Deray**
 - add --clear option to echo [#819](#)
 - dependency_walker: don't get dependencies of non ROS packages [#171](#)
- **eProsima: Jaime Martin Losa**
 - [Fast DDS 2.10](#)
 - DDS Dynamic Types Refactor
 - [DDS Record and Replay \(WIP\)](#)
- **Foxglove: Adrian Macneil**
 - foxglove/mcap
 - [CLI: represent NaNs consistently in cat --json](#) - james-rms (merged 2023-04-17)
 - [Speed up ROS to JSON transcoder](#) - Wyatt Alt (merged 2023-04-15)
 - [Use buffered IO in mcap conversion](#) - Wyatt Alt (merged 2023-04-10)
 - [Fix bug in ros1msg parser](#) - Wyatt Alt (merged 2023-04-04)
 - [python-ros2-support: provide type and full text attributes](#) - james-rms (merged 2023-03-30)
 - [go/mcap: do not write empty message indexes](#) - james-rms (merged 2023-03-30)
 - [Yarn dedupe](#) - Adrian Macneil (merged 2023-03-29)
 - [Clean up .gitattributes](#) - Adrian Macneil (merged 2023-03-28)
 - [Upgrade to Yarn v3](#) - Adrian Macneil (merged 2023-03-27)
 - [specification: remove errant extra line](#) - james-rms (merged 2023-03-27)
 - [Better example for metadata name](#) - Adrian Macneil (merged 2023-03-27)
 - [go/ros/bag2mcap: check connection ids fit into 16-bit channel IDs](#) - james-rms (merged 2023-03-27)
 - foxglove/ros-foxglove-bridge
 - [Fix unhandled xmlrpc exception](#) - Hans-Joachim Krauch (merged 2023-04-20)
 - [Add support for action topic and services \(ROS2\)](#) - Hans-Joachim Krauch (merged 2023-04-14)
 - [Add parameter to include hidden topics and services \(ROS 2\)](#) - Hans-Joachim Krauch (merged 2023-04-14)
 - [Add workaround for publishers not being cleaned up after they got destroyed](#) - Hans-Joachim Krauch (merged 2023-04-14)
 - [Fix error when compiling with C++20](#) - Hans-Joachim Krauch (merged 2023-04-12)
 - [Devcontainer improvements](#) - Hans-Joachim Krauch (merged 2023-04-12)
 - [Add parameter for minimum subscription QoS depth](#) - Hans-Joachim Krauch (merged 2023-04-11)
 - [Log version and commit hash when node is started](#) - Hans-Joachim Krauch (merged 2023-04-06)
 - [release 0.5.3](#) - Hans-Joachim Krauch (merged 2023-03-31)

- [Fix publishers being created with invalid QoS profile](#) - Hans-Joachim Krauch (merged 2023-03-31)
 - [Release 0.5.2](#) - Hans-Joachim Krauch (merged 2023-03-29)
 - [Notify client when Server's send buffer limit has been reached](#) - Hans-Joachim Krauch (merged 2023-03-27)
 - [Add support for byte array params](#) - Hans-Joachim Krauch (merged 2023-03-24)
- foxglove/rosbag
 - [Slice underlying ArrayBuffer when reading a record](#) - Roman Shtylman (merged 2023-04-07)
- foxglove/roslibjs
 - [Remove unused code](#) - Roman Shtylman (merged 2023-04-05)
 - [Allow publishing typed arrays with JSON encoding](#) - Hans-Joachim Krauch (merged 2023-03-24)
- foxglove/studio
 - 98 Pull Requests
- ros2/rcl
 - [Add enable_type_description_service_node option - API only \(rep2011\)](#) - Emerson Knapp (merged 2023-04-12)
 - [Use get_type_hash_func for typesupports](#) - Emerson Knapp (merged 2023-04-06)
 - [Use get_type_hash_func on typesupports \(rep2011\)](#) - Emerson Knapp (merged 2023-04-06)
 - [Calculate type hash from TypeDescription \(rep2011\)](#) - Emerson Knapp (merged 2023-03-29)
- ros2/rclcpp
 - [Add type_hash to cpp TopicEndpointInfo](#) - Emerson Knapp (merged 2023-04-12)
 - [Remove deprecated header scope_exit.hpp](#) - Emerson Knapp (merged 2023-03-26)
- ros2/rcldpy
 - [Stub type hash value line in TopicEndpointInfo string](#) - Emerson Knapp (merged 2023-04-12)
- ros2/rcutils
 - [Remove deprecated header get_env.h](#) - Emerson Knapp (merged 2023-03-27)
- ros2/rmw_connextdds
 - [Use get_type_hash_func on typesupports \(rep2011\)](#) - Emerson Knapp (merged 2023-04-06)
 - [Type hash distribution during discovery \(rep2011\)](#) - Emerson Knapp (merged 2023-03-26)
- ros2/rmw_cyclonedds
 - [Use get_type_hash_func on typesupports \(rep2011\)](#) - Emerson Knapp (merged 2023-04-06)
 - [Type hash distribution in discovery \(rep2011\)](#) - Emerson Knapp (merged 2023-03-26)
- ros2/rmw_dds_common

- [Type hash in GraphCache, user_data encoding tools](#) - Emerson Knapp (merged 2023-03-26)
 - ros2/rmw_fastrtps
 - [Use get_type_hash_func on typesupports \(rep2011\)](#) - Emerson Knapp (merged 2023-04-06)
 - [Type hash distribution in discovery \(rep2011\)](#) - Emerson Knapp (merged 2023-03-26)
 - ros2/ros2cli
 - [Expect type hash cli output in test](#) - Emerson Knapp (merged 2023-04-12)
 - ros2/rosbag2
 - [Add message definition read API](#) - james-rms (merged 2023-04-14)
 - [Move rosbag2_transport::Recorder implementation to pimpl](#) - Emerson Knapp (merged 2023-04-14)
 - [rosbag2_storage: add type description hash to topic metadata](#) - james-rms (merged 2023-04-14)
 - [rosbag2_cpp: move local message definition source out of MCAP plugin](#) - james-rms (merged 2023-04-07)
 - ros2/rosidl
 - [Type Description Codegen and Typesupport \(rep2011\)](#) - Emerson Knapp (merged 2023-04-06)
 - [Copied type_description_interfaces structs \(rep2011\)](#) - Emerson Knapp (merged 2023-03-29)
 - [Expose type hash on typesupports \(rep2011\)](#) - Emerson Knapp (merged 2023-03-24)
 - ros2/rosidl_typesupport
 - [Type Description Nested Support](#) - Emerson Knapp (merged 2023-04-06)
 - [Type hashes in typesupport \(rep2011\)](#) - Emerson Knapp (merged 2023-03-24)
 - ros2/rosidl_typesupport_fastrtps
 - [Type Description Nested Support](#) - Emerson Knapp (merged 2023-04-06)
 - [Type hashes on typesupport \(rep2011\)](#) - Emerson Knapp (merged 2023-03-24)
- **Intel: Harold Yang**
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- **Intrinsic: Chris Lalancette**
 - 267 contributions to the ament, catkin, colcon, ros, ros-drivers, ros-drivers-gbp, ros-gbp, ros-geographic-info, ros-infrastructure, ros-perception, ros-planning, ros-simulation, ros-tooling, ros-visualization, ros2, ros2-gbp organizations
 - REP-2011 work:
 - <https://github.com/ros2/ros2/issues/1374>
 - <https://github.com/ros2/ros2/issues/1405>
 - Reviews around <https://github.com/ros2/ros2/issues/1159>
 - Executor work:
 - <https://github.com/ros2/ros2/issues/1395>
- **iRobot: Alberto Soragna**
 - **Events Executor merged to rclcpp!** <https://github.com/ros2/rclcpp/pull/2155>
 - **Bug report deadlock in ROS 2 actions** <https://github.com/ros2/rclcpp/issues/2130>

- **Microsoft: Lou Amadio**
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- **PickNik: Henning Kayser**
 - ros-planning/geometric_shapes
 - [Switch to clang-format-14](#) - Henning Kayser (merged 2023-03-24)
 - ros-planning/moveit
 - [Add JointModel::satisfiesAccelerationBounds\(\)](#) - AndyZe (merged 2023-04-08)
 - [Fix: TOTG can return vels/accels greater than the limits](#) - AndyZe (merged 2023-04-06)
 - [Check for a Ruckig jerk limit parameter](#) - AndyZe (merged 2023-03-30)
 - [Mitigate Ruckig overshoot](#) - AndyZe (merged 2023-03-24)
 - ros-planning/moveit2
 - [Switch from qos_event.hpp to event_handler.hpp](#) - Sebastian Jahr (merged 2023-04-18)
 - [2.7.2](#) - Tyler Weaver (merged 2023-04-18)
 - [\[Servo\] Document the new low-pass filter param](#) - AndyZe (merged 2023-04-16)
 - [Add JointModel::satisfiesAccelerationBounds\(\)](#) - AndyZe (merged 2023-04-13)
 - [Update moveit_py 'get_planning_scene_monitor' to return NonConst](#) - Sebastian Jahr (merged 2023-04-12)
 - [Sync with MoveIt1](#) - Abishalini Sivaraman (merged 2023-04-11)
 - [Fix: TOTG can return vels/accels greater than the limits](#) - AndyZe (merged 2023-04-06)
 - [PILZ: Throw if IK solver doesn't exist](#) - Sebastian Jahr (merged 2023-04-06)
 - [Extract parallel planning from moveit cpp](#) - Sebastian Jahr (merged 2023-04-04)
 - [\[Servo\] CI simplification \(#1556\)](#) - AndyZe (merged 2023-04-04)
 - [Rename kinematic_state to robot_state](#) - Sebastian Jahr (merged 2023-04-04)
 - [Move stateless PlanningScene helper functions out of the class](#) - AndyZe (merged 2023-04-04)
 - [Document how collision checking includes descendent links](#) - AndyZe (merged 2023-04-04)
 - [\[hybrid planning\] improve planning scene monitoring](#) - AndyZe (merged 2023-04-04)
 - [Update description of moveit_ros_planning_interface](#) - Sebastian Jahr (merged 2023-03-30)
 - [Optionally mitigate Ruckig overshoot](#) - AndyZe (merged 2023-03-27)
 - [Use \\$DISPLAY rather than assuming :0](#) - Stephanie Eng (merged 2023-03-27)
 - [Delete the Ruckig "batches" option, deprecated by #1990](#) - AndyZe (merged 2023-03-24)
 - [Move displaced launch file into planning_component_tools](#) - Sebastian Jahr (merged 2023-03-24)
 - [2.7.1](#) - Henning Kayser (merged 2023-03-23)

- [Upgrade apt dependencies --with-new-pkgs](#) - Henning Kayser (merged 2023-03-23)
 - [Add stale GHA](#) - Henning Kayser (merged 2023-03-17)
 - ros-planning/moveit2_tutorials
 - [Prevent overriding of Python API artifact](#) - Henning Kayser (merged 2023-04-14)
 - [Fix artifact download](#) - Tyler Weaver (merged 2023-04-14)
 - [Fix artifact deploy](#) - Tyler Weaver (merged 2023-04-14)
 - [getPlanningSceneMonitor -> getPlanningSceneMonitorNonConst](#) - Sebastian Jahr (merged 2023-04-11)
 - [Use C++ code blocks for C++ code snippets](#) - Stephanie Eng (merged 2023-04-05)
 - [Rename variable kinematic_state to robot_state](#) - Sebastian Jahr (merged 2023-04-05)
 - [Use interpolation planner instead of sampling planner for hand](#) - Sebastian Jahr (merged 2023-04-04)
 - [Update usage of constrained state space](#) - Stephanie Eng (merged 2023-04-02)
 - [Spell things better](#) - Stephanie Eng (merged 2023-03-16)
 - ros-planning/moveit_resources
 - [Enable anytime and fix benchmarks](#) - Sebastian Jahr (merged 2023-04-18)
 - [Update comments related to jerk and Ruckig smoothing](#) - AndyZe (merged 2023-04-18)
 - [Enable acceleration limits for panda hand](#) - Sebastian Jahr (merged 2023-03-28)
 - ros-planning/navigation.ros.org
 - [Typo in configuring-regulated-pp.rst](#) - Griswald Brooks (merged 2023-03-17)
 - [Typo in configuring-smac-planner.rst](#) - Griswald Brooks (merged 2023-03-17)
 - ros-planning/navigation2
 - [Typo README.md](#) - Griswald Brooks (merged 2023-03-23)
 - ros-planning/stomp_moveit
 - [Address clang-tidy issues](#) - Sebastian Jahr (merged 2023-04-12)
 - [Implement joint limit filter](#) - Henning Kayser (merged 2023-04-03)
 - [Remove STOMP workspace dependencies](#) - Henning Kayser (merged 2023-03-28)
 - ros2/geometry2
 - [Depend on ament_cmake_ros to default SHARED to ON](#) - Tyler Weaver (merged 2023-03-23)
 - ros2/rosidl_typesupport_fastrtps
 - [Depend on ament_cmake_ros to default SHARED to ON](#) - Tyler Weaver (merged 2023-03-24)
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 - **ROBOTIS: Will Son**
 - TurtleBot3 Manipulation binary releases
 - [ROS2 Foxy](#)

- [ROS2 Humble](#)
- **ROS Industrial: Matt Robinson**
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- **Samsung: ???**
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- **Sony: Tomoya Fujita**
 - eProsima/Fast-DDS
 - "Fix repeated matched event notification" | Barry Xu | <https://github.com/eProsima/Fast-DDS/pull/3396> (merged 2023-03-30)
 - ros2/demos
 - "Add matched event demo for rclcpp and rclpy" | Barry Xu | <https://github.com/ros2/demos/pull/607> (merged 2023-04-13)
 - ros2/rcl
 - * "fix flaky test" | Chen Lihui | <https://github.com/ros2/rcl/pull/1063> (merged 2023-04-17)
 - "publish for rosout topic multiple times to avoid flaky test" | Chen Lihui | <https://github.com/ros2/rcl/pull/1054> (merged 2023-04-05)
 - "Implement matched event" | Barry Xu | <https://github.com/ros2/rcl/pull/1033> (merged 2023-03-22)
 - "use user-defined allocator to configure logging." | Tomoya Fujita | <https://github.com/ros2/rcl/pull/1047> (merged 2023-03-21)
 - ros2/rcl_interfaces
 - "Add interfaces for logging service." | Lei Liu | https://github.com/ros2/rcl_interfaces/pull/154 (merged 2023-04-17)
 - ros2/rclcpp
 - "Add support for logging service." | Lei Liu | <https://github.com/ros2/rclcpp/pull/2122> (merged 2023-04-18)
 - "extract the result response before the callback is issued." | Tomoya Fujita | <https://github.com/ros2/rclcpp/pull/2133> (merged 2023-03-30)
 - "add Logger::get_effective_level()." | Tomoya Fujita | <https://github.com/ros2/rclcpp/pull/2141> (merged 2023-03-30)
 - "Implement matched event" | Barry Xu | <https://github.com/ros2/rclcpp/pull/2105> (merged 2023-03-22)
 - "extract the result response before the callback is issued." | Tomoya Fujita | <https://github.com/ros2/rclcpp/pull/2132> (merged 2023-03-21)
 - "Revert "Revert "extract the result response before the callback is is..." | Tomoya Fujita | <https://github.com/ros2/rclcpp/pull/2152> (merged 2023-04-03)
 - "Revert "extract the result response before the callback is issued. (#..." | Tomoya Fujita | <https://github.com/ros2/rclcpp/pull/2148> (merged 2023-03-31)
 - "use allocator via init_options argument." | Tomoya Fujita | <https://github.com/ros2/rclcpp/pull/2129> (merged 2023-03-17)
 - ros2/rclpy
 - "Logging service support" | Barry Xu | <https://github.com/ros2/rclpy/pull/1102> (merged 2023-04-18)
 - "Implement matched event" | Barry Xu | <https://github.com/ros2/rclpy/pull/1083> (merged 2023-03-22)

- "ServerGoalHandle should be destroyed before removing." | Tomoya Fujita | <https://github.com/ros2/rclpy/pull/1113> (merged 2023-04-14)
 - "Rebase humble/pr-1033" | Barry Xu | <https://github.com/ros2/rclpy/pull/1107> (merged 2023-04-12)
 - ros2/rcutils
 - "fix memory leak" | Chen Lihui | <https://github.com/ros2/rcutils/pull/423> (merged 2023-04-12)
 - "add RCUTILS_LOGGING_AUTOINIT_WITH_ALLOCATOR." | Tomoya Fujita | <https://github.com/ros2/rcutils/pull/415> (merged 2023-03-21)
 - ros2/rmw
 - "rmw_send_response returns RMW_RET_TIMEOUT." | Tomoya Fujita | <https://github.com/ros2/rmw/pull/350> (merged 2023-04-04)
 - "Add matched event support" | Barry Xu | <https://github.com/ros2/rmw/pull/331> (merged 2023-03-22)
 - ros2/rmw_connextdds
 - "Support matched/unmatched event" | Barry Xu | https://github.com/ros2/rmw_connextdds/pull/101 (merged 2023-03-22)
 - ros2/rmw_cyclonedds
 - "Implement matched event" | Barry Xu | https://github.com/ros2/rmw_cyclonedds/pull/435 (merged 2023-03-22)
 - ros2/rmw_fastrtps
 - "Implement matched event" | Barry Xu | https://github.com/ros2/rmw_fastrtps/pull/645 (merged 2023-03-22)
 - ros2/rmw_implementation
 - "Add tests for rmw matched event" | Barry Xu | https://github.com/ros2/rmw_implementation/pull/216 (merged 2023-03-22)
 - ros2/ros2_documentation
 - "External configuration services of logger for Iron Release." | Tomoya Fujita | https://github.com/ros2/ros2_documentation/pull/3478 (merged 2023-04-20)
 - "remove deprecated options for ros2cli, Iron Release Note update." | Tomoya Fujita | https://github.com/ros2/ros2_documentation/pull/3455 (merged 2023-04-17)
 - "Matched events release note update." | Tomoya Fujita | https://github.com/ros2/ros2_documentation/pull/3420 (merged 2023-04-13)
 - "Topic add matched event description" | Barry Xu | https://github.com/ros2/ros2_documentation/pull/3406 (merged 2023-04-13)
 - ros2/ros2cli
 - "remove deprecated options" | Tomoya Fujita | <https://github.com/ros2/ros2cli/pull/824> (merged 2023-04-14)
 - ros2/system_tests
 - "avoid flaky test" | Chen Lihui | https://github.com/ros2/system_tests/pull/513 (merged 2023-04-04)
- **GVSC: Jerry Towler (SwRI)**
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- **Toyota Research Institute: Ian McMahon**
 - Improvements for CMake Vended Packages
 - [ament/ament_cmake#429](#) (merged)
 - [ament/uncrustify_vendor#33](#) (in review)
 - [ros2/rosbag2#1274](#) (merged)
 - Improve ROS2 Discovery Methods (tracking issue [ros2/ros2#1359](#))
 - [eProsima/Fast-DDS#3437](#) (merged)
 - [ros2/rcl#1023](#) (merged)
 - [ros2/rcl#1038](#) (merged)
 - [ros2/rmw#338](#) (merged)
 - [ros2/rmw#349](#) (merged)
 - [ros2/rmw_connextdds#108](#) (merged)
 - [ros2/rmw_cyclonedds#429](#) (merged)
 - [ros2/rmw_cyclonedds#441](#) (merged)
 - [ros2/rmw_fastrtps#653](#) (merged)
 - [ros2/rmw_fastrtps#667](#) (merged)
 - [ros2/ros2#1402](#) (merged)
- **Wind River: Andrei Kholodnyi**
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- **Zettascale: Angelo Corsaro**
 - Cyclone DDS:
 - **API for dynamically constructing types (+ a PR adding type information in ROS 2)**
 - **Zephyr OS proof-of-concept port**
 - **Documentation improvements**
 - **All IDLC-generated tables now goes into constant section of library**
 - **Fix for type lookups with (deeply) nested types**
 - **Fix setting “default” flag on enums**
 - **Fix compatibility of int8/uint8 types with OpenDDS**
 - **Fix undercounting of padding at end of sample in C++**
 - **Fix potential misaligned accesses (de)serialising 64-bit integers/floats**
 - **Fix for insane settings of the deadline QoS (such as a deadline setting of 1ns)**
 - **Fix key extraction for dynamically discovered topics the use unbounded strings as key**
 - **Cleanup and restructuring of timed-event handling**
 - **Released 0.10.3**
 - Zenoh:
 - **Merged two PR that improve the latency and throughput of the zenoh-dds-plugin**

- **Preparing a new release, planned for end of April. Key features in the new release are:**
 - **ROS1 Zenoh Plugin/Bridge**
 - **Transparent compression**
 - **Various performance optimisation on routing tables lookup**
 - **Improved Python API performance**
 - **Stabilise Query Payload API**
 - **C++ API release which now supports Zenoh and Zenoh-Pico**
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- Community: Francisco Martín
 - Short-Term Working Group URDF
 - ROSCon Madrid 2023
 - Spanish User Local Group meeting
 - Repo contributions:
 - <https://github.com/CoreSenseEU/rossdl>
 - Planning an extense Survey abot the state of the ROS Community
- Community: Olivier Michel
 - Released webots_ros2 version 2023.0.3 (17.04.2023):
 - Fixed random failures when using the Navigation 2 packages due to fast DDS issues. This issue was occurring a lot in the CI. (https://github.com/cyberbotics/webots_ros2/pull/672)
 - In the last update, we removed SLAM-toolbox for Cartographer in the TIAGo example. After discussion with users and the owner of SLAM-toolbox, the problem was coming from a lack of features in simulation. With a good calibration of the robot, the mapping is accurate even when disabling the scan-matching function and the package can be restored. It is now possible to use the TIAGo with both SLAM packages. (https://github.com/cyberbotics/webots_ros2/pull/676)
 - New Compass plugin added by a user to support the Compass device from Webots. (https://github.com/cyberbotics/webots_ros2/pull/677)
 - Fixed Turtlebot example: Simplified the launch files, fixed SLAM / navigation and updated to a similar structure as the TIAGo example. (https://github.com/cyberbotics/webots_ros2/pull/683 & https://github.com/cyberbotics/webots_ros2/pull/686)
 - Fixed E-puck example: Simplified the launch files, fixed SLAM/navigation and updated to a similar structure as the TIAGo and Turlebot examples. (https://github.com/cyberbotics/webots_ros2/pull/695)
 - Fixed turtlebot CI tests by making RViz optional. (https://github.com/cyberbotics/webots_ros2/pull/706)
 - Documentation: A PR is open on the official ROS 2 documentation to submit new tutorials (installation on all platforms) and a new file structure for the Simulators section. (https://github.com/ros2/ros2_documentation/pull/3357). Review is still

pending. We plan to migrate all our tutorials to the official ROS 2 documentation in the following days / weeks.