

ROS 2 TSC Contribution Report 2023-12-14

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 **2023-12-14**.
- This report covers work done since the previous TSC meeting: **2023-11-16 - 2023-12-14**. 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 superbud bug ([comment](#))

Reports

- **Amazon: Matt Hansen**
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- **Apex.AI: Lyle Johnson**
 - ros-tooling/setup-ros
 - [Fix prettier==3 and eslint-plugin-prettier==4 incompatibility](#) - Christophe Bedard (merged 2023-12-01)
 - ros-tooling/setup-ros-docker
 - [Pin empty version, bump other versions to match setup-ros](#) - Christophe Bedard (merged 2023-12-05)
 - ros-tooling/topic_tools
 - [Prepare new Rolling release](#) - Christophe Bedard (merged 2023-11-28)
 - [Prepare new Iron release](#) - Christophe Bedard (merged 2023-11-28)
 - [Prepare new Humble release](#) - Christophe Bedard (merged 2023-11-28)
 - ros2/ros2_tracing
 - [Fix use of mutable default arg in tracertools test](#) - Christophe Bedard (merged 2023-12-04)
 - [Add links to new presentation and paper to README](#) - Christophe Bedard (merged 2023-11-28)
- **Bosch: Christian Henkel**

- [ros/diagnostics](#)
 - [Debugging instability introduced by #317](#) - Christian Henkel (merged 2023-12-12)
- [ros/rosdistro](#)
 - [add Pangolin to humble and rolling](#) - Christian Rauch (merged 2023-12-13)
 - [add cuDNN](#) - Christian Rauch (merged 2023-12-12)
- [ros2/rcld](#)
 - [updated ci versions](#) - Jan Staschulat (merged 2023-12-14)
- **Canonical: Jeremie Deray**
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- **eProsima: Jaime Martin Losa**
 - WIP: New autotune mode for big data over DDS/ROS2
 - WIP: Keys on ROS2
- **Foxglove: Adrian Macneil**
 - [foxglove/cdr](#)
 - [Version 3.2.0 for lengthcode support](#) - Sam Nosenzo (merged 2023-11-16)
 - [Expose read/write lengthcode for CDR2 emheaders](#) - Sam Nosenzo (merged 2023-11-16)
 - [foxglove/mcap](#)
 - [Website: Add Slack link to header](#) - Adrian Macneil (merged 2023-12-13)
 - [@mcap/core: Avoid heap operations when chunks are ordered](#) - Hans-Joachim Krauch (merged 2023-12-12)
 - [@mcap/core: Avoid unnecessary bigint conversion](#) - Hans-Joachim Krauch (merged 2023-12-08)
 - [typescript: bump @mcap/core to v2.0.1](#) - Hans-Joachim Krauch (merged 2023-12-06)
 - [Do not create a new TextDecoder for every record](#) - Hans-Joachim Krauch (merged 2023-12-05)
 - [Update TypeScript READMEs](#) - Jacob Bandes-Storch (merged 2023-12-05)
 - [Add link to ROS QoS Policy docs to spec registry](#) - Roman Shtylman (merged 2023-12-01)
 - [ci.yml: use OIDC connect to publish pypi packages](#) - james-rms (merged 2023-11-26)
 - [Fix issue where company logos become tiny on mobile device](#) - Esther S. Weon (merged 2023-11-22)
 - [Fix typedoc configs](#) - Jacob Bandes-Storch (merged 2023-11-22)
 - [Fix publish incantation again](#) - Jacob Bandes-Storch (merged 2023-11-21)
 - [fix npm publish incantation](#) - Jacob Bandes-Storch (merged 2023-11-21)
 - [Remove erroneous <code>go install</code> instructions](#) - Roman Shtylman (merged 2023-11-21)
 - [Set @mcap/support to 1.0.0 before first publish](#) - Jacob Bandes-Storch (merged 2023-11-21)
 - [Add @mcap/support, @mcap/nodejs, and @mcap/browser libraries](#) - Jacob Bandes-Storch (merged 2023-11-21)

- [move corepack enable before actions/setup-node](#) - Jacob Bandes-Storch (merged 2023-11-20)
 - [Bump mcap-protobuf-support to 0.4.1](#) - Hans-Joachim Krauch (merged 2023-11-16)
 - [Relax version restrictions of protobuf dependency](#) - Hans-Joachim Krauch (merged 2023-11-16)
 - [Add h264 recording support to mcap.dev demo](#) - Jacob Bandes-Storch (merged 2023-11-16)
 - [Update TypeScript, Prettier, and other dev deps](#) - Jacob Bandes-Storch (merged 2023-11-16)
 - [cpp: add build-time flags to make compression dependencies optional](#) - james-rms (merged 2023-11-14)
 - foxglove/omgidl
 - [@foxglove/omgidl-serialization v1.0.2](#) - Sam Nosenzo (merged 2023-11-16)
 - [Use lengthCode to determine whether to read sequenceLength again](#) - Sam Nosenzo (merged 2023-11-16)
 - foxglove/ros-foxglove-bridge
 - [Fix delayed notification of clients about client published topic \[ROS 1\]](#) - Hans-Joachim Krauch (merged 2023-11-14)
 - foxglove/studio
 - 76 commits
 - foxglove/ws-protocol
 - [TypeScript ws-protocol-examples v0.6.1](#) - Hans-Joachim Krauch (merged 2023-11-28)
 - [mcap-record: Fix race condition when adding messages](#) - Hans-Joachim Krauch (merged 2023-11-28)
 - [ci.yml: PyPI uses OIDC for auth](#) - james-rms (merged 2023-11-27)
 - [Fix c++ examples CI build error](#) - Hans-Joachim Krauch (merged 2023-11-27)
 - [Add cpp performance test server / client](#) - Hans-Joachim Krauch (merged 2023-11-16)
 - [Add schemaEncoding to mcap-play channel registration](#) - Roman Shtylman (merged 2023-11-15)
- **Intel: Harold Yang**
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- **Intrinsic: Chris Lalancette**
 - Excused
- **iRobot: Alberto Soragna**
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- **Microsoft: Lou Amadio**
 - No reportable events
 - out of office until end of year
- **PickNik: Henning Kayser**
 - ros-planning/moveit
 - [Pass more distance information out from FCL collision check](#) - Stephanie Eng (merged 2023-12-01)
 - ros-planning/moveit.ros.org

- [Update Windows install instructions](#) - Henning Kayser (merged 2023-12-04)
 - [Update MoveIt2 source build instructions](#) - Abishalini Sivaraman (merged 2023-12-04)
 - [Iron linux binary install page](#) - Tyler Weaver (merged 2023-12-04)
 - [Re-add TrajOpt link](#) - Tyler Weaver (merged 2023-11-27)
 - [Add new core contributors](#) - Sebastian Jahr (merged 2023-11-21)
- ros-planning/moveit2
 - [Node logging for the rest of MoveIt](#) - Tyler Weaver (merged 2023-12-13)
 - [Remove LMA kinematics plugin](#) - Sebastian Jahr (merged 2023-12-12)
 - [Add missing header](#) - Sebastian Jahr (merged 2023-12-09)
 - [Remove unported trajopt package](#) - Sebastian Jahr (merged 2023-12-07)
 - [Depend on rsl::rsl as a non-ament dependency](#) - Chris Thrasher (merged 2023-12-06)
 - [Fix moveit_py Policy docs build](#) - Sebastian Castro (merged 2023-12-07)
 - [\[Planning Pipeline Refactoring\] #2 Enable chaining planners](#) - Sebastian Jahr (merged 2023-12-06)
 - [Pass more distance information out from FCL collision check](#) - Stephanie Eng (merged 2023-12-06)
 - [Node logging in moveit_core](#) - Tyler Weaver (merged 2023-12-05)
 - [Fix trajectory execution manager comments for docs builds](#) - Sebastian Castro (merged 2023-12-01)
 - [Change default topic name for display contacts](#) - Abishalini Sivaraman (merged 2023-11-30)
 - [Benchmark robot state](#) - Mario Prats (merged 2023-11-30)
 - [Remember original color of objects in planning scene](#) - Sebastian Castro (merged 2023-11-28)
 - [Update ROS Snapshots GPG key](#) - Stephanie Eng (merged 2023-11-22)
 - [Fix velocity scaling factor calculations and support multi-DOF joints in Servo](#) - Sebastian Castro (merged 2023-11-22)
 - [Fix angular distance calculation in floating joint model](#) - Sebastian Castro (merged 2023-11-21)
 - [\[Planning Pipeline Refactoring\] #1 Simplify Adapter - Planner chain](#) - Sebastian Jahr (merged 2023-11-21)
 - [Add a benchmark for RobotTrajectory creation and timing.](#) - Mario Prats (merged 2023-11-21)
 - [Ensure to reset the smoothing plugin when resuming Servo](#) - Sebastian Castro (merged 2023-11-20)
- ros-planning/moveit2_tutorials
 - [Update tutorials to pipeline refactoring changes](#) - Sebastian Jahr (merged 2023-12-07)
 - [Fix parameters in motion planning API tutorial](#) - Paul Gesel (merged 2023-12-06)
 - [Add MoveIt launch file how-to guide](#) - Sebastian Castro (merged 2023-12-06)
 - [\[MTC tutorial\] Use launch files instead of running executable](#) - Abishalini Sivaraman (merged 2023-12-06)

- [Incoming Issues / PR review in ros2core](#)
- [ros2/rcl](#)
 - ["remove static function rcl_ret_from_rcutils_ret\(\)" | Tomoya Fujita | <https://github.com/ros2/rcl/pull/1122> \(merged 2023-11-30\)](#)
 - ["a rosout publisher of a node might not exist" | Chen Lihui | <https://github.com/ros2/rcl/pull/1115> \(merged 2023-11-15\)](#)
- [ros2/rclcpp](#)
 - ["make type support helper supported for service" | Chen Lihui | <https://github.com/ros2/rclcpp/pull/2209> \(merged 2023-12-12\)](#)
 - ["align with rcl that a rosout publisher of a node might not exist" | Chen Lihui | <https://github.com/ros2/rclcpp/pull/2357> \(merged 2023-11-15\)](#)
- [ros2/rclpy](#)
 - ["Add doc-string warnings for destroy methods for services." | Tomoya Fujita | <https://github.com/ros2/rclpy/pull/1205> \(merged 2023-12-06\)](#)
 - ["align with rcl that a rosout publisher of a node might not exist" | Chen Lihui | <https://github.com/ros2/rclpy/pull/1196> \(merged 2023-11-15\)](#)
- [ros2/ros2_documentation](#)
 - ["add note for LoanedMessages's unsafety issue and setting." | Tomoya Fujita | \[https://github.com/ros2/ros2_documentation/pull/4002\]\(https://github.com/ros2/ros2_documentation/pull/4002\) \(merged 2023-11-27\)](#)
 - ["add 'dir' command for windows." | Tomoya Fujita | \[https://github.com/ros2/ros2_documentation/pull/4029\]\(https://github.com/ros2/ros2_documentation/pull/4029\) \(merged 2023-11-27\)](#)
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- **GVSC: Jerry Towler (SwRI)**
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- **Toyota Research Institute: Ian McMahon**
 - [ros-perception/image_transport_plugins](#)
 - [ros-perception/image_transport_plugins#161](#)
 - Added SVTAV1 image transport plugin (in draft)
 - [ros2/rosbag2](#)
 - [ros2/rosbag2#1496](#)
 - Link and compile against rosbag2_storage_mcap: Fixed issue #1492 (merged)
 - [ros2/rviz](#)
 - [ros2/rviz#726](#)
 - Fix potential leak / seg fault (merged)
 - [ros2/rviz#1008](#)
 - Added point_cloud_transport (in review)
 - [ros2/rviz#1093](#)
 - Fixed screw display (merged)
- **Wind River: Andrei Kholodnyi**
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- **Zettascale: Angelo Corsaro**
 - **Zenoh**
 - User Attachments

- Liveliness API exposed in Zenoh-C/C++
- Out of context Queryable in Zenoh-C/C++
- Support zenoh-rmw
- Cyclone DDS
 - Various bug fixes