

ROS 2 TSC Contribution Report 2021-07-15

- **ADLINK Technology: Joe Speed**
 - Eclipse CycloneDDS
 - Added CRL support for SROS 2 / DDS Security [PR#853](#) [PR#834](#)
 - Eclipse CycloneDDS-CXX
 - Re-enabled and fixed lots of broken unit tests: [PR#105](#)
 - Many fixes and improvements for streaming functions: [PR#112](#) [PR#120](#)
 - Much work on built-in topics: [#20f5f31](#)
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- **Amazon: Aaron Blasdel**
 - Merged Since: 2021-06-17
 - This report generated: 2021-07-15
 - Contribution count (remember to update if you remove things): 19
 - **REP-2005**
 - ros-tooling/action-ros-ci
 - [Remove cURL in favor of using vcstool's ability to import URLs](#) - Emerson Knapp (merged 2021-06-21)
 - ros-tooling/community
 - [Add libstatisticscollector project](#) - Emerson Knapp (merged 2021-06-18)
 - [Add infrastructure repos to governance model](#) - Emerson Knapp (merged 2021-06-18)
 - ros2/ros2_documentation
 - [Mention the foxy-future branch of rosbag2 in the rosbag2 Foxy tutorial.](#) - Emerson Knapp (merged 2021-06-23)
 - ros2/rosbag2
 - [\[backport foxy\] Fixed playing if unknown message types exist \(#592\)](#) - Emerson Knapp (merged 2021-07-15)
 - [Disable SIGTERM test on Windows in Foxy due to shutdown behavior in tests on that platform.](#) - Emerson Knapp (merged 2021-07-10)
 - [\[backport foxy\] More reliable topic remapping test \(#456\)](#) - Emerson Knapp (merged 2021-07-09)
 - [\[backport foxy\] Handle SIGTERM gracefully in recording \(#792\)](#) - Emerson Knapp (merged 2021-07-09)
 - [\[backport foxy-future\] Handle SIGTERM gracefully in recording \(#792\)](#) - Emerson Knapp (merged 2021-07-08)
 - [Update Foxy distro branch CI to use latest setup](#) - Emerson Knapp (merged 2021-07-08)
 - [\[backport galactic\] Handle SIGTERM gracefully in recording \(#792\)](#) - Emerson Knapp (merged 2021-07-08)
 - [Update foxy-future branch to latest CI setup](#) - Emerson Knapp (merged 2021-07-08)
 - [\[Galactic backport\] Copy recorder QoS profile to local variable so that temporary value isn't cleared \(#803\)](#) - Emerson Knapp (merged 2021-07-03)
 - [Handle SIGTERM gracefully in recording](#) - Emerson Knapp (merged 2021-07-03)
 - [Run xfail tests in a separate step that is not required to pass](#) - Emerson Knapp (merged 2021-07-02)

- [Update Galactic CI to run against APT binaries](#) - Emerson Knapp (merged 2021-07-02)
 - [Copy recorder QoS profile to local variable so that temporary value isn't cleared](#) - Emerson Knapp (merged 2021-07-02)
 - [Mention the foxy-future branch in the foxy README](#) - Emerson Knapp (merged 2021-06-21)
 - ["Futurize" foxy-future branch](#) - Emerson Knapp (merged 2021-06-18)
 - **REP-2005 someday??**
 - RobotWebTools/community
 - [First draft of the charter](#) - Emerson Knapp (merged 2021-07-01)
- **Apex.AI: Lyle Johnson**
 - Merged Since: 2021-06-17
 - This report generated: 2021-07-15
 - Contribution count: 4
 - ros-realtime/rtwg_documentation
 - [Update QNX instructions link](#) - carlossvg (merged 2021-07-11)
 - [Update Real-Time-Linux guides](#) - carlossvg (merged 2021-06-20)
 - [Update roadmap](#) - carrossvg (merged 2021-06-20)
 - ros2/rosbag2
 - [Fix clang thread safety analysis warnings](#) - Michael Orlov (merged 2021-06-30)
- **Bosch: Karsten Knese**
 - Ros-control: Joint limit interfaces, non-double hardware interfaces. Merged more reformatting and documentation for the demos.
 - Micro-ros: Updating rclc for active and non-active distros. Work towards a C++ implementation.
- **Canonical: Jeremie Deray**
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- **eProsima: Jaime Martin Losa**
 - ROS2/Fast DDS Monitor Improvements - Now the GUI is a lot better
 - Fast DDS Waitsets - Ongoing implementation
 - Planning for the next 6 months, roadmap
 - SROS2 - PKCS #11 Support - Ongoing implementation
 - Micro-ROS: More platform support. Stay tuned. - Ongoing work.
- **Intel: Harold Yang**
 - Human Pose enabling for ROS OpenVINO done (https://github.com/intel/ros_openvino_toolkit/pull/177, https://github.com/intel/ros_openvino_toolkit/pull/178)
 - CI update for OpenVINO on ROS & ROS 2 (https://github.com/intel/ros_openvino_toolkit/pull/176, https://github.com/intel/ros2_openvino_toolkit/pull/208)
 - OpenVINO 2021.3 enabling on ROS 2 Foxy and document update (https://github.com/intel/ros2_openvino_toolkit/pull/209, https://github.com/intel/ros2_openvino_toolkit/pull/207)
 - ROS 2 Realsense version 3.2.2 released for Galactic, Foxy and Rolling (<https://github.com/ros/rosdistro/pull/30093>)

- ROS Realsense version 2.3.1 released for Noetic and Melodic (<https://github.com/ros/rosdistro/pull/30090>, <https://github.com/ros/rosdistro/pull/30089>)
- **iRobot: Ori Taka**
 - Updated to ROS 2 Galactic and general improvements for parsing parameters descriptors from YAML files in rcl and rclcpp <https://github.com/ros2/rcl/pull/533> <https://github.com/ros2/rclcpp/pull/909>
Added support for ROS actions in RMW listener APIs
Added support for ROS actions in events executor
Work in progress activity to fully support Intra-Process communication (QoS, services, actions)
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- **LG Electronics: Lokesh Kumar Goel**
 - ROS distribution upgrades:
 - <https://github.com/ros/meta-ros/pull/862> [dunfell][gatesgarth][hardknott][honister] {rolling} Upgrade to 2021-06-08 release
 - <https://github.com/ros/meta-ros/pull/870> [dunfell][gatesgarth][hardknott][honister] {rolling} rplidar-ros: Fix build with gcc-11
 - <https://github.com/ros/meta-ros/pull/863> [dunfell][gatesgarth][hardknott][honister] {melodic} Upgrade to 2021-06-09 release
 - <https://github.com/ros/meta-ros/pull/866> [dunfell][gatesgarth][hardknott][honister] {dashing} Upgrade to 2021-06-10 release
 - <https://github.com/ros/meta-ros/pull/878> [dunfell][gatesgarth][hardknott][honister] {noetic} Upgrade 2021-06-25 release
 - <https://github.com/ros/meta-ros/pull/879> [dunfell][gatesgarth][hardknott][honister] {foxy} Upgrade 2021-06-30 release
 - <https://github.com/ros/meta-ros/pull/880> [dunfell] meta-ros-common: add dependency on ros-backports-hardknott-layer
 - <https://github.com/ros/meta-ros/pull/881> [gatesgarth] meta-ros-common: add dependency on ros-backports-hardknott-layer
 - <https://github.com/ros/meta-ros/pull/882> [hardknott][honister] meta-ros-backports-hardknott: drop this backports layer
 - <https://github.com/ros/meta-ros/pull/884> [dunfell][gatesgarth][hardknott][honister] {rolling} Upgrade to 2021-07-06 release (one more issue remains before this can be merged)
 - Milestone 16 was finished:
 - <https://github.com/ros/meta-ros/pull/875> [build] Use */milestone/16 tags for meta-ros and meta-ros-webos
 - <https://github.com/ros/meta-ros/pull/871> [dunfell] Complete Milestone 16
 - <https://github.com/ros/meta-ros/pull/872> [gatesgarth] Complete Milestone 16
 - <https://github.com/ros/meta-ros/pull/873> [hardknott] Complete Milestone 16

- ros-planning/moveit.ros.org
 - [Galactic Blog Post](#) - Sean Kolk (merged 2021-07-08)
 - [Updates ROS 2 release instructions and roadmap](#) - Henning Kayser (merged 2021-07-06)
 - [Updated the header link for Contributing > MoveIt Workshop to the new...](#) - Sean Kolk (merged 2021-07-06)
 - [draft ROSCON 2021 workshop page](#) - Mark Moll (merged 2021-07-06)
 - [Fix 'MoveIt Config Redesign' roadmap link](#) - Nathan Brooks (merged 2021-07-03)
 - [Clarify the 6 week release is a "rough" date](#) - Dave Coleman (merged 2021-07-02)
 - [Update URL of servo tutorial](#) - Nathan Brooks (merged 2021-07-01)
 - [Remove redundant wget](#) - Vatan Aksoy Tezer (merged 2021-06-28)
 - [Update to MoveIt Comparison Blog Post](#) - Alex Goldman (merged 2021-06-14)
 - [MoveIt 2 Status Update and Feature Comparison - Blog Post](#) - Sean Kolk (merged 2021-06-08)
 - [Update roadmap features](#) - Henning Kayser (merged 2021-06-04)
- ros-planning/moveit2
 - [Fix joint's position limits loading](#) - Jafar Abdi (merged 2021-07-16)
 - [Patch 2.2.1](#) - Henning Kayser (merged 2021-07-12)
 - [moveit_servo: Only halt the joints that violate the position limits](#) - Jafar Abdi (merged 2021-07-09)
 - [Fix urdf joint limits being overridden when no joint_limits parameter is loaded](#) - Jafar Abdi (merged 2021-07-09)
 - [Pluginlib Deprecation Fix](#) - David V. Lu!! (merged 2021-07-07)
 - [Set project VERSION in moveit_common, fix sonames](#) - Henning Kayser (merged 2021-07-07)
 - [Add missing test dependencies](#) - Jochen Sprickerhof (merged 2021-07-07)
 - [Disable actually failing flaky OMPL test](#) - Vatan Aksoy Tezer (merged 2021-06-11)
 - [Remove rolling repos](#) - Vatan Aksoy Tezer (merged 2021-07-01)
 - [2.2.0](#) - Henning Kayser (merged 2021-06-30)
 - [Servo: Allow a negative joint margin](#) - AndyZe (merged 2021-06-30)
 - [Move doc/ and examples to moveit2 tutorials](#) - None (merged 2021-06-30)
 - [move_group: Fix default planning pipeline for deprecated behavior](#) - Jafar Abdi (merged 2021-06-30)
 - [Remove faulty gtest include](#) - Henning Kayser (merged 2021-06-30)
 - [Fix main sync](#) - Henning Kayser (merged 2021-06-29)
 - [Clean OpenSSL dependencies](#) - Vatan Aksoy Tezer (merged 2021-06-28)
 - [Add prerelease tests](#) - Vatan Aksoy Tezer (merged 2021-06-28)
 - [Sync with master branch](#) - Jafar Abdi (merged 2021-06-28)
 - [Fix typo](#) - David V. Lu!! (merged 2021-06-28)
 - [moveit_servo: Fix segfault when publish joint velocities set to false and a joint is close to position limit](#) - Jafar Abdi (merged 2021-06-25)
 - [Fix stopping the TrajectoryExecutionManager's execution](#) - Jafar Abdi (merged 2021-06-21)
 - [Enable Rolling and Galactic CI](#) - Vatan Aksoy Tezer (merged 2021-06-15)
 - [Squash hybrid planning feature](#) - Sebastian Jahr (merged 2021-06-07)

- [\[moveit_core\] Add pluginlib dependency](#) - Jochen Sprickerhof (merged 2021-06-02)
- [Patch 2.1.4](#) - Henning Kayser (merged 2021-05-31)
- [Disable flaky OMPL test](#) - Vatan Aksoy Tezer (merged 2021-05-28)
- [Enable LMA and KDL kinematic launch tests](#) - Vatan Aksoy Tezer (merged 2021-05-28)
- [PlanningRequestAdapter helper method getParam](#) - David V. Lu!! (merged 2021-05-27)
- [Delete MoveIt fake controller manager](#) - AndyZe (merged 2021-05-28)
- [Fix ament_cmake 'buildtool_depend' in moveit_common](#) - Henning Kayser (merged 2021-05-27)
- [Release ROS 2 Foxy 2.1.3](#) - Henning Kayser (merged 2021-05-24)
- [Delete exclusive arg for collision detector creation](#) - AndyZe (merged 2021-05-21)
- [Cleanup collision_distance_field test dependencies](#) - Henning Kayser (merged 2021-05-21)
- [Update move_group_launch_test_common.py to use projection_evaluator](#) - Jafar Abdi (merged 2021-05-20)
- [Refactor Servo velocity bounds enforcement. Disable flaky unit tests.](#) - Vatan Aksoy Tezer (merged 2021-05-20)
- [Fix PlanningScene CollisionDetector diff handling](#) - Henning Kayser (merged 2021-05-20)
- [Refactor local planner plugins](#) - Sebastian Jahr (merged 2021-05-18)
- [Load panda hand controller in run_move_group](#) - Jafar Abdi (merged 2021-05-18)
- ros-planning/moveit2_tutorials
 - [Port realtime servo tutorial](#) - None (merged 2021-06-15)
 - [Cleanup CI](#) - Vatan Aksoy Tezer (merged 2021-06-09)
 - [Add tutorial for diff-drive base planning](#) - Jafar Abdi (merged 2021-05-19)
- ros-planning/moveit_calibration
 - [Calculate and report reprojection error](#) - John Stechsulte (merged 2021-06-11)
 - [fix segfault when camerainfo is null](#) - John Stechsulte (merged 2021-06-10)
 - [added missing opencv dep in package.xml](#) - John Stechsulte (merged 2021-06-08)
 - [Source build of MoveIt is unneeded](#) - John Stechsulte (merged 2021-06-08)
 - [fix missing intrinsics on target type change](#) - John Stechsulte (merged 2021-06-08)
 - [updated README.md](#) - John Stechsulte (merged 2021-06-05)
 - [Display more informative error message when solve\(\) fails](#) - John Stechsulte (merged 2021-06-04)
 - [Rearrange control tab](#) - John Stechsulte (merged 2021-05-31)
- ros-planning/moveit_msgs
 - [\[ROS 2\] Release 2.1.0](#) - Henning Kayser (merged 2021-06-17)
 - [Sync with master branch](#) - Jafar Abdi (merged 2021-06-16)
 - [pre-release testing workflow for ros2](#) - Tyler Weaver (merged 2021-06-16)
 - [pre-release test for noetic](#) - Tyler Weaver (merged 2021-06-16)
 - [Add rolling and Galactic CI](#) - Vatan Aksoy Tezer (merged 2021-06-15)
 - [Release 2.0.1 \(Foxy, Rolling\)](#) - Henning Kayser (merged 2021-05-25)

- [Unify licesne using ament_copyright](#) - Tyler Weaver (merged 2021-05-24)
 - ros-planning/moveit_resources
 - [\[melodic\] Add prerelease tests](#) - Vatan Aksoy Tezer (merged 2021-06-16)
 - [\[noetic\] Add prerelease tests](#) - Vatan Aksoy Tezer (merged 2021-06-16)
 - [Add fake controller for panda hand](#) - Jafar Abdi (merged 2021-06-16)
 - [\[ROS2\] Add prerelease tests](#) - Vatan Aksoy Tezer (merged 2021-06-16)
 - [Add Galactic CI](#) - Vatan Aksoy Tezer (merged 2021-06-10)
 - [Release 2.0.2 \(Foxy, Rolling\)](#) - Henning Kayser (merged 2021-05-25)
 - [Support Rolling CI](#) - Vatan Aksoy Tezer (merged 2021-05-22)
 - [Add missing ros2_control parameters](#) - Henning Kayser (merged 2021-05-20)
 - [Add demo.launch.py for ros2](#) - Vatan Aksoy Tezer (merged 2021-05-20)
 - ros-planning/moveit_tutorials
 - [Remove redundant install instructions](#) - None (merged 2021-06-09)
 - [Enable CI on PRs](#) - Vatan Aksoy Tezer (merged 2021-06-08)
 - [Port to github actions](#) - Vatan Aksoy Tezer (merged 2021-06-04)
 - [Clone moveit_task_constructor repo since .rosinstall file was deleted](#) - Jafar Abdi (merged 2021-05-21)
 - ros-planning/moveit_visual_tools
 - [Migrate to GitHub Actions](#) - Tyler Weaver (merged 2021-06-11)
 - ros-planning/random_numbers
 - [\[ROS\] Add pre release tests](#) - Vatan Aksoy Tezer (merged 2021-06-16)
 - [\[ROS2\] Add pre release tests](#) - Vatan Aksoy Tezer (merged 2021-06-16)
 - [Add galactic CI](#) - Vatan Aksoy Tezer (merged 2021-06-10)
 - [Release 2.0.1 \(Foxy, Rolling\)](#) - Henning Kayser (merged 2021-05-25)
 - [Support rolling on CI](#) - Vatan Aksoy Tezer (merged 2021-05-22)
 - ros-planning/srdfdom
 - [Remove tinyxml2 and use tinyxml2_vendor](#) - Jafar Abdi (merged 2021-06-29)
 - [\[melodic\] Add prerelease tests](#) - Vatan Aksoy Tezer (merged 2021-06-17)
 - [\[ROS2\] Add prerelease tests](#) - Vatan Aksoy Tezer (merged 2021-06-17)
 - [\[noetic\] Add prerelease tests](#) - Vatan Aksoy Tezer (merged 2021-06-17)
 - [Add galactic CI](#) - Vatan Aksoy Tezer (merged 2021-06-10)
 - [Release 2.0.2 \(Foxy, Rolling\)](#) - Henning Kayser (merged 2021-05-25)
 - [Support rolling CI](#) - Vatan Aksoy Tezer (merged 2021-05-22)
 - ros-planning/warehouse_ros
 - [\[ROS 2\] Release 2.0.3](#) - Henning Kayser (merged 2021-06-30)
 - [Fix OpenSSL export](#) - Henning Kayser (merged 2021-06-29)
 - [\[ROS 2\] Release 2.0.2](#) - Henning Kayser (merged 2021-06-29)
 - [Use ament_export_targets to fix exporting dependencies](#) - Jafar Abdi (merged 2021-06-28)
 - [\[ROS\] Add prerelease tests](#) - Vatan Aksoy Tezer (merged 2021-06-16)
 - [\[ROS2\] Add prerelease tests](#) - Vatan Aksoy Tezer (merged 2021-06-16)
 - [Add Galactic CI](#) - Vatan Aksoy Tezer (merged 2021-06-15)
 - [Release 2.0.1 \(Foxy, Rolling\)](#) - Henning Kayser (merged 2021-06-01)
 - ros-planning/warehouse_ros_mongo
 - [Use libssl-dev build depend instead of openssl](#) - Henning Kayser (merged 2021-06-17)
 - [\[ROS 2\] Patch 2.0.2](#) - Henning Kayser (merged 2021-06-17)
 - [Clean OpenSSL dependencies](#) - Vatan Aksoy Tezer (merged 2021-06-28)

- [Add Copyright and LICENSE files](#) - Vatan Aksoy Tezer (merged 2021-06-21)
 - [\[ROS2\] Add prerelease tests](#) - Vatan Aksoy Tezer (merged 2021-06-17)
 - [Add missing OpenSSL depend](#) - Henning Kayser (merged 2021-06-16)
 - [\[noetic\] Add prerelease tests](#) - Vatan Aksoy Tezer (merged 2021-06-16)
 - [\[melodic\] Add prerelease tests](#) - Vatan Aksoy Tezer (merged 2021-06-16)
 - [Add Galactic CI](#) - Vatan Aksoy Tezer (merged 2021-06-15)
 - [Add rolling CI](#) - Vatan Aksoy Tezer (merged 2021-05-26)
 - ros2/ros2_documentation
 - [Pluginlib Tutorial](#) - David V. Lu!! (merged 2021-07-07)
 - [Don't propose to simply close a terminal](#) - Jochen Sprickerhof (merged 2021-06-03)
 - ros2/ros_buildfarm_config
 - [Update link to Jenkins](#) - Jochen Sprickerhof (merged 2021-06-08)
- **ROBOTIS: Will Son**
 - TurtleBot3 ROS2 Foxy image released
 - In progress of testing / adopting the latest SBCs
- **Rover Robotics: Nick Fragale**
 - Compiled a custom L4T kernel for Jetson Nano Ubuntu 20.04 that resolved some previous bugs so ROS2 Foxy can be installed on it without Docker. Will be releasing soon.
 - General updates to Rover Mini ROS2 driver to prepare it for release.
- **Samsung: Steven Macenski**
 - Still patching up tests that broke from the galactic release
 - New python commander library with POC examples provided
 - Steve is mentoring 3 students this summer
 - Zhenpeng: working on reducing the number of nodes in Nav2 and instead replacing with best use of multithreaded executors and callback groups
 - Saurabh: working on some basic safety features for nav2 commonly developed by OEMs
 - Anushree: working on assisted teleop capabilities
 - Regulated Pure Pursuit controller now can handle faster velocities and support reversing
 - Galactic synced to receive Hybrid-A* optimizations that were completed last month
 - Reviewing ROSCon proposals
- **Sony: Tomoya Fujita**
 - ContentFilteredTopic [W.I.P] waiting for feedback and review.
 - WaitForAcknowledgements [W.I.P] waiting for feedback and review.
 - Minor Issues / PRs
 - ros2/rclcpp
 - "to support declare parameter with int and float vector" | Chen Lihui | <https://github.com/ros2/rclcpp/pull/1696> (merged 2021-07-07)
 - ros2/rmw_fastrtps
 - "Support for SubscriptionOptions::ignore_local_publications" | Jose Antonio Moral | https://github.com/ros2/rmw_fastrtps/pull/536 (merged 2021-06-18)
 - ros2/rmw_implementation

- [ros2/rosidl_typesupport#113](#) (merged)
 - [ros2/rosidl#601](#) (merged)
 - [ros2/rosidl_typesupport_fastrtps#73](#) (merged)
 - Fix Fast-RTPS C++ typesupport CLI extension
 - [ros2/rosidl_typesupport_fastrtps#72](#) (merged)
 - Support available typesupport specification in rosidl CLI extension
 - [ros2/rosidl_python#133](#) (merged)
 - [ros2/rosidl_typesupport#112](#) (merged)
 - Support passing keyword arguments to rosidl CLI extensions
 - [ros2/rosidl#597](#) (merged)
- ros2/message_filters
 - Correct package.xml and CMakeLists.txt in message_filters
 - [ros2/message_filters#57](#) (closed, superseded by #58)
 - [ros2/message_filters#58](#) (merged)
- **Wind River: Andrei Kholodnyi**
 - Note from Kat: I reached out to Andrei and did not hear back from him prior to putting together the report.