

# 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 **2021-06-17**.
- This report covers work done since the previous TSC meeting: **2021-05-20 - 2021-06-17**. 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.
- 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

- **ADLINK Technology: Joe Speed**
  - Eclipse CycloneDDS
    - Cyclonedds+iceoryx improvements for Galactic patch #1
    - Fixed FreeRTOS errors and warnings [PR#836](#)
    - Fixed defects reported by Coverity scan [PR#763](#)
    - Improvements to [cyclonedds-python](#)
  - Eclipse CycloneDDS-CXX
    - Merged new serializer and compiler backend to the master branch
    - Fixed defects uncovered by Coverity [PR#96](#)
- **Amazon: Aaron Blasdel**
  - Merged Since: 2021-05-20
  - This report generated: 2021-06-17
  - Contribution count: 10
  - **REP-2005**
  - ros-infrastructure/rep
    - [Add REP source repository to REP-2005](#) - Emerson Knapp (merged 2021-06-14)
  - ros-tooling/action-ros-ci
    - [Test all packages in workspace by default](#) - Emerson Knapp (merged 2021-06-16)
    - [Run dependabot daily, but limit open PRs to reduce notification noise](#) - Emerson Knapp (merged 2021-05-24)
  - ros-tooling/action-ros-lint

- [Remove cloudwatch](#) - Emerson Knapp (merged 2021-06-08)
  - ros-tooling/cross\_compile
    - [Fix mypy by adding types-pkg\\_resources and removing Python3.5 support](#) - Emerson Knapp (merged 2021-06-11)
    - [Remove CloudWatch reporting and AWS references](#) - Emerson Knapp (merged 2021-06-08)
  - ros-tooling/libstatistics\_collector
    - [Remove cloudwatch reporting](#) - Emerson Knapp (merged 2021-06-08)
  - ros2/ros2\_documentation
    - [Add Galactic release notes for rosbag2](#) - Emerson Knapp (merged 2021-05-25)
  - ros2/rosbag2
    - [Revert "Add callbacks for PlayerClock::jump\(time\\_point\) API \(#775\)"](#) - Emerson Knapp (merged 2021-06-11)
  - **REP-2005 pending**
  - ros-tooling/keyboard\_handler
    - [Add lint and test github workflows](#) - Emerson Knapp (merged 2021-06-16)
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- **Apex.AI: Lyle Johnson**
  - ros-realtime/rtwg\_documentation
    - [Add roadmap document](#) - carlossvg (merged 2021-06-04)
    - [Add link checks job](#) - Lander Usategui (merged 2021-06-04)
    - [Update build instructions to use localhost ip](#) - Lander Usategui (merged 2021-06-04)
  - ros-tooling/keyboard\_handler
    - [Unified keyboard handler](#) - Michael Orlov (merged 2021-06-16)
    - [Design document for keyboard handler](#) - Michael Orlov (merged 2021-06-12)
  - ros2/rosbag2
    - [Add callbacks for PlayerClock::jump\(time\\_point\) API with CI fix](#) - Michael Orlov (merged 2021-06-15)
    - [Add callbacks for PlayerClock::jump\(time\\_point\) API](#) - Michael Orlov (merged 2021-06-09)
  -
- **Bosch: Karsten Knese**
  -
- **Canonical: Sid Faber**
  - ros2/ros2\_documentation
    - Improve documentation for ROS 2 security (PR [#1662](#))
  - sros2 tutorial/dissemination
    - [4th ROS Developers Day](#) presentation preparation (rosject)
  - Other
    - Miscellaneous fixes in snapcraft (noetic/foxy) (PR [#3536](#))
    - micro-ROS dissemination: "[Publishing sonar readings with micro-ROS on the Raspberry Pi Pico](#)"
- **eProsima: Jaime Martin Losa**
  - Micro-ROS Galactic Release ([post](#)) ([official announcement](#))
  - [ROS/DDS Integration Service 3.0](#)

- [Fast DDS Monitor coming out this week](#)
  - [DDS Statistics.](#)
  - [Fast DDS 2.3.3](#)
- **Intel: Harold Yang**
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- **iRobot: Ori Taka**
  -
- **LG Electronics: Lokesh Kumar Goel**
  - Upgrade to latest upstream layers:
    - <https://github.com/ros/meta-ros/pull/857> [build] Update to latest revisions of upstream layers
    - <https://github.com/ros/meta-ros/pull/859> [build] Update to latest revisions of upstream layers
    - <https://github.com/ros/meta-ros-webos/pull/14> libxml2=webos1 (fix file-rdeps QA issue fix about /bin/bash)
  - ROS distribution upgrades:
    - <https://github.com/ros/meta-ros/pull/849> [dunfell][gatesgarth][hardknott][master] {noetic} More fixes for world image build (includes upgrade to 2021-05-28 release and fixes <https://github.com/ros/meta-ros/issues/834> as well and world image now builds OK)
    - <https://github.com/ros/meta-ros/pull/850> [build] Add support for ROS 2 Galactic Geochelone
    - <https://github.com/ros/meta-ros/pull/851> [dunfell][gatesgarth][hardknott][honister] {galactic} Add support for ROS 2 Galactic Geochelone
    - <https://github.com/ros/meta-ros/pull/852> [hardnott][honister] {galactic} ros2cli: remove dependency on \${PYTHON\_PN}-typing
    - <https://github.com/ros/meta-ros/pull/854> [dunfell][gatesgarth][hardknott][honister] {rolling}{galactic} rmw-implementation: make sure that the new default rmw implementation is installed in the image
    - <https://github.com/ros/meta-ros/pull/855> [dunfell][gatesgarth][hardknott][honister] {foxy} Upgrade to 2021-06-03 release
  - Various build fixes and improvements:
    - <https://github.com/ros/meta-ros/pull/858> [dunfell][gatesgarth][hardknott][honister] google-benchmark: use "main" branch
    - <https://github.com/ros/meta-ros/pull/865> [dunfell][gatesgarth][hardknott][honister] aws-c-event-stream: update branch name
    - <https://github.com/ros/meta-ros/pull/853> [dunfell][gatesgarth][hardknott][honister] {foxy} Various small fixes
- **Microsoft: Lou Amadio**
  - ros-planning/MoveIt2

- Build for Windows (<https://github.com/ros-planning/moveit2/issues/504> & <https://github.com/ros-planning/moveit2/pull/238>)
  - Galactic for Windows (Chocolatey build - in progress)
    - <https://github.com/ms-iot/ros-windows-build>
  - VSCode ROS
    - remote container fix (<https://github.com/ms-iot/vscode-ros/issues/393>)
    - build symbols by default (<https://github.com/ms-iot/vscode-ros/pull/467>)
    - Trusted Workspaces (<https://github.com/ms-iot/vscode-ros/issues/441>)
    - Autostart ROS1 roscore & ROS2 ros2 daemon on debug (<https://github.com/ms-iot/vscode-ros/issues/431>; 3rd party contribution)
    - URDF Lighting Fix (<https://github.com/ms-iot/vscode-ros/pull/473>; 3rd party contribution)
- 
- **Open Robotics: Chris Lalancette**
  - 163 PRs merged since May 21
  - ROS 2 Per-package documentation code merged: [https://github.com/ros-infrastructure/ros\\_buildfarm/pull/880](https://github.com/ros-infrastructure/ros_buildfarm/pull/880)
- **PickNik: Dave Coleman**
  - ros-planning/geometric\_shapes
    - [\[melodic\] Add prerelease tests](#) - Vatan Aksoy Tezer (merged 2021-06-16)
    - [\[noetic\] Add prerelease tests](#) - Vatan Aksoy Tezer (merged 2021-06-16)
    - [\[ROS2\] Add prerelease tests](#) - Vatan Aksoy Tezer (merged 2021-06-16)
    - [\[ROS 2\] Release 2.1.0](#) - Henning Kayser (merged 2021-06-15)
    - [Add Galactic CI, cleanup rolling](#) - Vatan Aksoy Tezer (merged 2021-06-15)
    - [Sync with noetic-devel](#) - Jafar Abdi (merged 2021-06-15)
    - [ROS 2 Foxy 2.0.2](#) - Henning Kayser (merged 2021-05-24)
  - ros-planning/moveit
    - [Use thread\\_local var's in FCL distanceCallback\(\)](#) - AndyZe (merged 2021-06-09)
    - [\[melodic\] MSA: Sensor config writing](#) - David V. Lu!! (merged 2021-06-03)
    - [Sensor config writing](#) - David V. Lu!! (merged 2021-06-03)
    - [add warning if interpolation parameter is out of range \[0, 1\]](#) - John Stechschulte (merged 2021-05-18)
  - ros-planning/moveit.ros.org
    - [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

- [Enable Rolling and Galactic CI](#) - Vatan Aksoy Tezer (merged 2021-06-15)
- [Disable actually failing flaky OMPL test](#) - Vatan Aksoy Tezer (merged 2021-06-11)
- [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 Stechschulte (merged 2021-06-11)
  - [fix segfault when camera\\_info\\_ is null](#) - John Stechschulte (merged 2021-06-10)
  - [added missing opencv dep in package.xml](#) - John Stechschulte (merged 2021-06-08)

- [Source build of MoveIt is unneeded](#) - John Stechschulte (merged 2021-06-08)
  - [fix missing intrinsics on target type change](#) - John Stechschulte (merged 2021-06-08)
  - [updated README.md](#) - John Stechschulte (merged 2021-06-05)
  - [Display more informative error message when solve\(\) fails](#) - John Stechschulte (merged 2021-06-04)
  - [Rearrange control tab](#) - John Stechschulte (merged 2021-05-31)
- ros-planning/moveit\_msgs
  - [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)
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- 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
  - [\[melodic\] 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
  - [\[ROS\] 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
  - [\[ROS2\] Add prerelease tests](#) - Vatan Aksoy Tezer (merged 2021-06-17)
  - [Use libssl-dev build\\_depend instead of openssl](#) - Henning Kayser (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
  - [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 SBC recovery images released for ROS1 distros
  - ROS2 distro images are WIP
  - Updated TurtleBot3 documentation for easier SBC setup
- Galactic release PR for TurtleBot3 related packages

- **Rover Robotics: Nick Fragale**

- Met with Kat to show off our robot, the Rover Mini, that will be launching in Sept running via kickstarter (Kat intro'ed us to Luxonis who we are now talking with)
- Our goal is for the Rover Mini to be the best supported ROS2 robot, so our focus on building that support and community. It's a bit hard to make this work visible but we will do our best.

- **Samsung: Steven Macenski**

- Typical community review, merging, triage, and releases (10-15 hours a week)
- PR for new Python3 commander API
- PR for changes finally to merge for the Hybrid-A\* planner final optimizations
- ROS Dev Day Nav2 demos and instructions
- OpenVSLAM transform and pose estimation improvements to support VSLAM in Nav2
- Fixing up Nav2 docs CI broken due to Alpine Linux docker image changes

- **Sony: Tomoya Fujita**

- ros2/rclcpp
  - "Fix clock thread issue (#1266) (#1267)" | Tomoya Fujita | <https://github.com/ros2/rclcpp/pull/1685> (merged 2021-06-08)
  - "[foxy] Fix occasionally missing goal result caused by race condition (#1677)" | Tomoya Fujita | <https://github.com/ros2/rclcpp/pull/1682> (merged 2021-05-25)
  - "[Galactic] Fix occasionally missing goal result caused by race condition (#1677)" | Tomoya Fujita | <https://github.com/ros2/rclcpp/pull/1683> (merged 2021-05-25)
- ros2/rmw
  - "Add rmw\_publisher\_wait\_for\_all\_acked support" | Barry Xu | <https://github.com/ros2/rmw/pull/296> (merged 2021-06-02)
- ros2/rmw\_connextdds
  - "Add rmw\_publisher\_wait\_for\_all\_acked support" | Barry Xu | [https://github.com/ros2/rmw\\_connextdds/pull/20](https://github.com/ros2/rmw_connextdds/pull/20) (merged 2021-06-02)
- ros2/rmw\_cyclonedds
  - "Add rmw\_publisher\_wait\_for\_all\_acked support" | Barry Xu | [https://github.com/ros2/rmw\\_cyclonedds/pull/294](https://github.com/ros2/rmw_cyclonedds/pull/294) (merged 2021-06-15)
- ros2/rmw\_fastrtps
  - "Add rmw\_publisher\_wait\_for\_all\_acked support" | Barry Xu | [https://github.com/ros2/rmw\\_fastrtps/pull/519](https://github.com/ros2/rmw_fastrtps/pull/519) (merged 2021-06-02)
- ros2/rmw\_implementation
  - "Add rmw\_publisher\_wait\_for\_all\_acked" | Barry Xu | [https://github.com/ros2/rmw\\_implementation/pull/188](https://github.com/ros2/rmw_implementation/pull/188) (merged 2021-06-17)



- ros2/ros2\_documentation
  - "deprecate ros2param dump --print and --output-dir options." | Tomoya Fujita | [https://github.com/ros2/ros2\\_documentation/pull/1653](https://github.com/ros2/ros2_documentation/pull/1653) (merged 2021-06-07)
- ros2/ros2cli
  - "add '--write' option to avoid an unintentional data loss." | Tomoya Fujita | <https://github.com/ros2/ros2cli/pull/638> (merged 2021-06-07)
- **GVSC: Jerry Towler (SwRI)**
  - ros2/design: logging - <https://github.com/ros2/design/pull/315>
  - ros2/sros2: multiple DDS domains - <https://github.com/ros2/sros2/pull/268>
  - We have a path to resolution of license concerns, and expect to be able to ramp back up starting next week, June 21.
- **Toyota Research Institute: Ian McMahon**
  - ros2/rcldpy: Pybind11 for rcldpy Python Bindings (tracking issue [ros2/rcldpy#665](#))
    - [ros2/rcldpy#789](#) (Merged)
      - Refactor rcldpy objects to use C++ classes, removed redundant rcldpy\_common library
  - ros2/rosidl\_python
    - [ros2/rosidl\\_python#130](#) (In Review)
      - Fix int32[] and uint32[] 32 bit sequence types only accepting 16 bit sequences
    - [ros2/rosidl\\_python#131](#) (Merged)
      - Install generated Python interfaces in a Python package
    - [ros2/rosidl\\_python#132](#) (Merged)
      - Add smoke test for CLI extension
    - [ros2/rosidl\\_python#133](#) (In Review)
      - Support available typesupport specification in CLI extension
    - Review of community contribution [ros2/rosidl\\_python#129](#) (Merged)
      - Reviewed, tested, and merged Python optimization for large messages with arrays of data like images or point clouds
  - ros2/rosidl
    - [ros2/ros2\\_documentation#1614](#) (Merged)
      - Fix rosidl generation CLI examples in Galactic release notes
    - [ros2/rosidl/#597](#) (In Review)
      - Support passing keyword arguments to rosidl CLI extensions
  - ros2/rosidl\_typesupport:
    - [ros2/rosidl\\_typesupport#111](#) (Merged)
      - Fix C and C++ typesupports CLI extensions
    - [ros2/rosidl\\_typesupport#112](#) (In Review)
      - Support available typesupport specification in CLI extensions
  - ros2/rviz
    - [ros2-gbp/rviz-release#16](#) (Merged)
      - Tell dh\_shlibdeps where to find rviz\_ogre\_vendor plugin libraries
    - [ros2/rviz#702](#) (In Review)

- Deduplicate code in RobotJoint class
  - [ros2/rviz#710](#) (In Review)
    - Removed some memory leaks in rviz\_rendering and rviz\_rendering\_tests
  - [ros2/rviz#694](#) (In Progress)
    - Fixed segfault when quickly adding image displays
- **Wind River: Andrei Kholodnyi**
  -