



ROS 2021 Metrics Report

<https://discourse.ros.org/t/2021-ros-metrics-report/24130>

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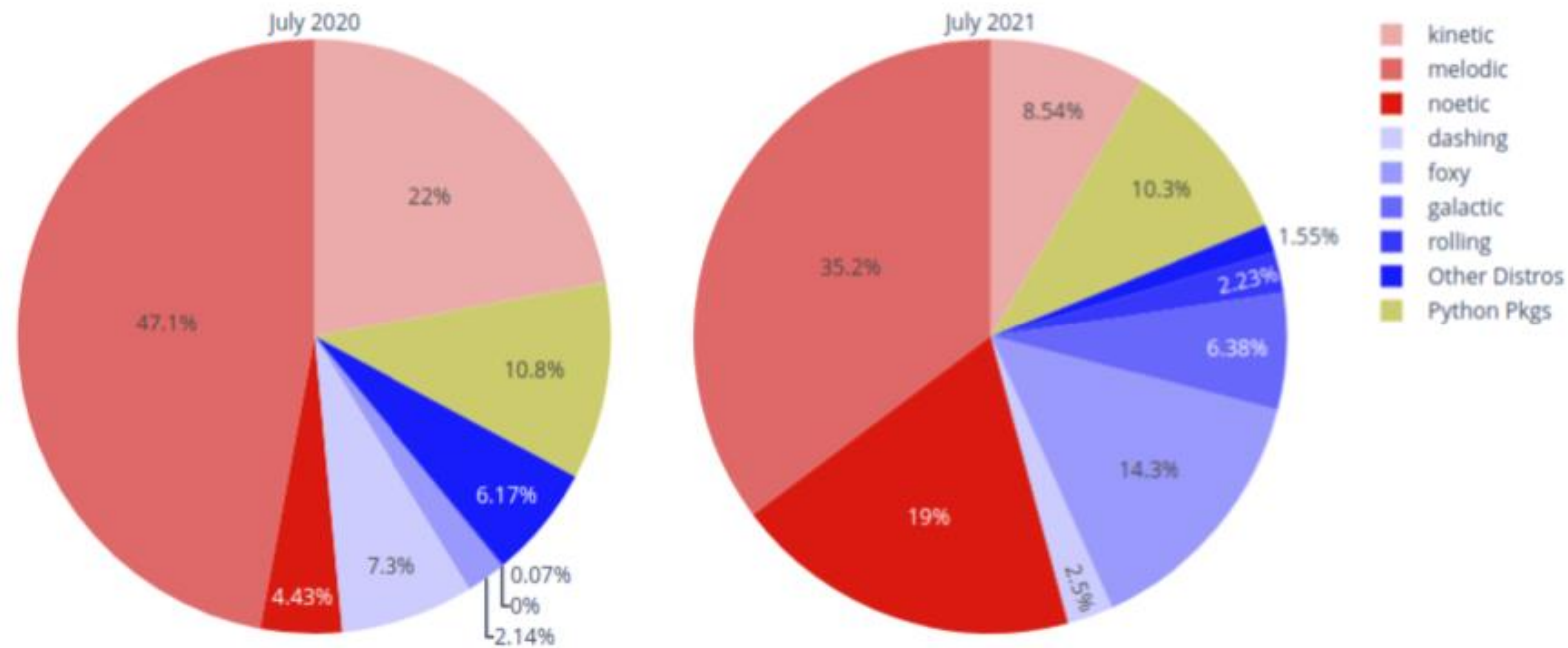
Because Open Robotics and the ROS community are very privacy conscious, and we take pride in collecting very little user data, we have to lean heavily on proxy measurements to ascertain the overall growth and health of the community. The metrics report consists of aggregate statistics from the various ROS services used in the wild, including:

- ROS Discourse
- ROS Answers
- ROS Wiki
- Google Analytics attached various ROS properties
- ROS Index
- ROS Download Data
- Github Contributions
- Google Scholar Citations

- 🐼 ROS Answers visitors up 11.41%
- 🐼 ROS Discourse visitors up 31.07%
- 🐼 ROS Discourse users up 32%
- 🐼 ROS Discourse posts up 43%, topics 39%, and likes up 73%
- 🐼 Unique Visitors Downloading ROS 789,956 in July 2021, up 10.6%
- 🐼 9260 Research Citations (up 25%)
- 🐼 In July 2021, ROS 2 was over 25% of all downloaded ROS debs.
- 🐼 595,524,493 Debs downloaded between 7/2020->7/2021 (up 50.69%)

Binary Downloads by rosdistro July 2020 vs July 2021

Download Percentage from packages.ros.org



Source: Apache2, counting only downloads from the main repository (not the testing repository, shadow-fixed, or mirrors)

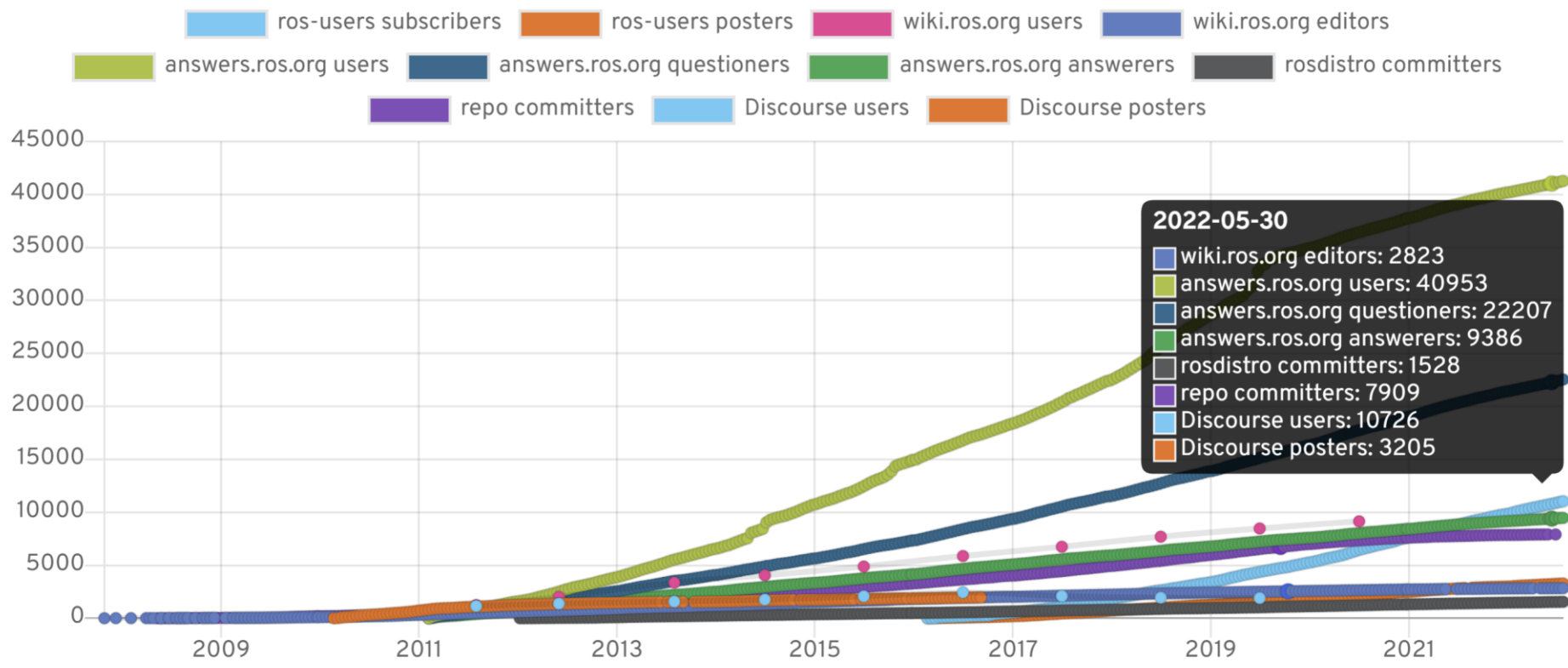
Deb Downloads, Visitors, Packages

	Year Ending July 2020	Year ending July 2021	YoY Change
Total Pkgs	402,106.00	600,660.00	49.38%
Diff Pkgs	16,083.00	19,884.00	23.63%
Deb Downloads	395,187,333.00	595,524,493.00	50.69%
Data Served (TB)	231.19	156.60	-32.26%

Direct downloads from packages.ros.org - August 2020 - July 2021

Number of ROS Users

<https://metrics.ros.org/>



Community Metrics Report

Tully Foote & Katherine Scott
Reporting on August 2021 Comparisons
are to July 2020 Report

<http://download.ros.org/downloads/metrics/metrics-report-2021-07.pdf>