About adding plotjuggler to docker image
#2564

✅ **Answered by kenji-miyake**   **brkay54** asked this question in **Feature requests**

🐛 **brkay54** on Apr 26, 2022   (Collaborator)

Plotjuggler is useful tool to visualize ros messages. It is fully compatible with ROS2. Also it can export the visualized topic data and statistics (like max, min, average values) as CVS file. It can be used for testing the nodes especially in localization and control modules.
As far as I know, It is used for debugging in `trajectory_follower_nodes` and also I am planning to use it in `control_performance_analysis` module to evaluate the controller's performance. I want to suggest that it should be added into docker image.

You can access detailed information about PlotJuggler with this link.

↑ 1

✅ Answered by **kenji-miyake** on Apr 26, 2022

@brkay54 TIER IV uses this tool as well. 👍
I think, if you add these lines to some package, it's automatically added to Autoware's Docker image.

View full answer ↓

Category

🙏   **Feature requests**

Labels

None yet

---

2 participants

🐛 🐕

---

0 comments · 1 reply   [Oldest] [Newest │ Top]

🐕 **kenji-miyake** on Apr 26, 2022

@brkay54 TIER IV uses this tool as well. 👍
I think, if you add these lines to some package, it's automatically added to Autoware's Docker image.

```
<exec_depend>plotjuggler</exec_depend>
<exec_depend>plotjuggler_ros</exec_depend>
```

Another way is to add an Ansible role here or edit the ros2_dev_tools role.

✅ **Marked as answer**   ↑ 2   0 replies