

Introducing Autoware Launch GUI: A Comprehensive Interface for Launching Autoware #3889

KhalilSelyan started this conversation in [Show and tell](#)

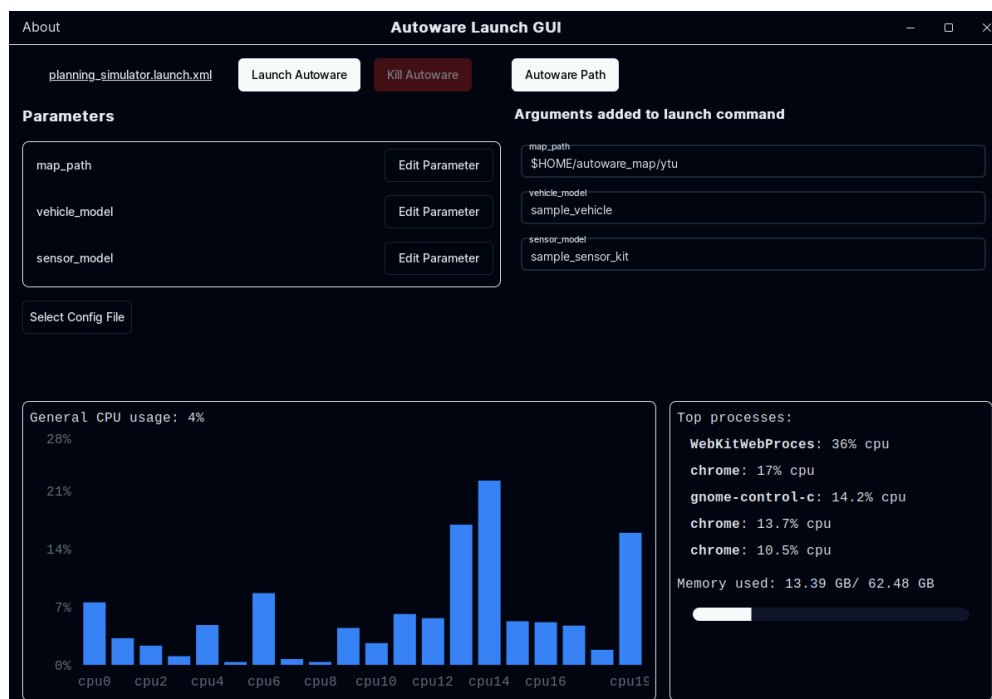


KhalilSelyan on Oct 9, 2023 Collaborator

Hello Autoware Community!

I'm thrilled to present the Autoware Launch GUI, a dedicated interface designed to facilitate the launching of Autoware modules. With this GUI, users can effortlessly initiate and manage various Autoware modules without delving into command-line intricacies.

Demo Video (Prototype)



Key Points:

- **Intuitive Interface:** A graphical interface that's straightforward and user-friendly, making Autoware more accessible to both new and experienced users.
- **Efficient Module Management:** Launch, monitor, and manage Autoware modules seamlessly with just a few interactions.

Key Features:

1. **Autoware Launch File Selection:** Browse and select from a comprehensive list of available Autoware launch files to setup your launch command.

Category



Show and tell

Labels

None yet

3 participants



2. **Configurations & Settings:** Customize module settings directly from the GUI, allowing for tailored operations based on specific needs.
3. **Logs & Diagnostics:** Access detailed logs and diagnostics for each log type [INFO,WARN,ERROR,DEBUG], aiding in troubleshooting and optimization.
4. **Profile Management:** Save and load different configuration profiles, enabling quick setups for various use cases (Feature to be included later).

Getting Started:

Prerequisite:

Before diving into the Autoware Launch GUI, ensure you have the necessary dependencies and setups as outlined in the Autoware Installation Guide. This ensures the GUI operates without hitches.

1. For General Users: Download the provided `.deb` installation package and follow the setup instructions.
2. For Developers: Clone the repository, set up the development environment, and explore the codebase.

[Autoware Launch GUI Repository](#)

Feedback & Contributions:

The Autoware Launch GUI is a step towards making Autoware more user-friendly and efficient. We value your insights! Whether you have feature suggestions, bug reports, or general feedback, please share. Together, we can make this tool even better for the entire Autoware community.



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3

2 comments · 3 replies

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zulfaqar-azmi-t4 on Oct 12, 2023 Collaborator

Thank you soo much for the tool. This will be very much helpful for a lot of people!

This is my initial comments.

As we are working with multiple autoware version (i.e.: different map_path, vehicle model, sensor model), it would be nice if I can save a few different configurations and have a few "quick load" button that allows us to quickly load whichever configuration that we wants.

Secondly

[Screencast from 2023-10-12 18:03:11.webm](#)

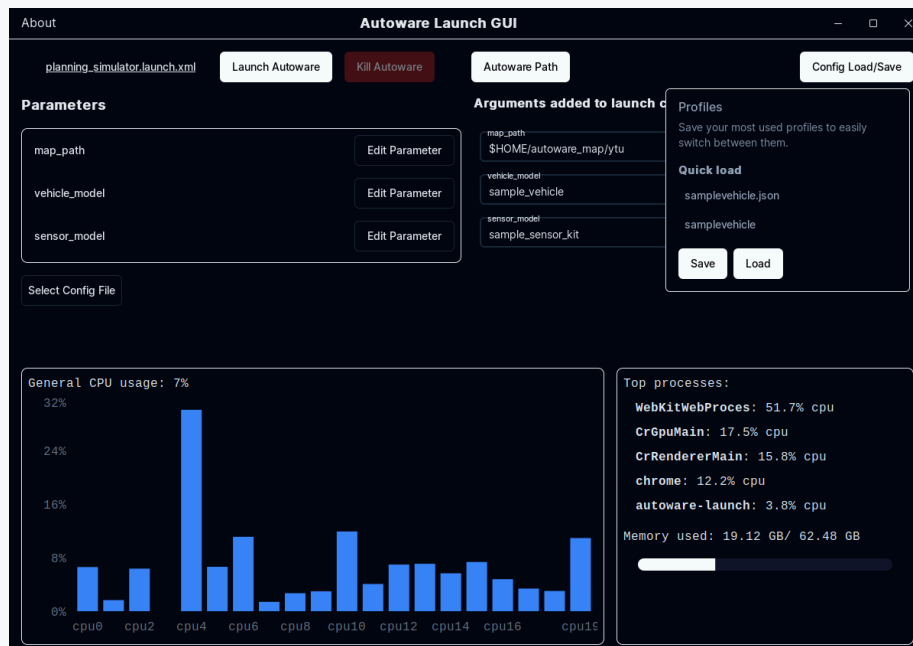
My log doesn't seem to be printing. Is there anything I should do?



2

1 reply

KhalilSelyan on Oct 12, 2023 Collaborator Author



I am currently working on exactly that feature.

and for the logs, I'm not really sure why it wouldn't be logging things out, but try opening the app from the terminal `autoware-launch-gui` and if it logs things on there then it should be logging in the app as well, and if it isn't let me know i'll be looking into this more later

@zulfaqar-azmi-t4



buraakozcan on Oct 18, 2023

Hi, I started installation as stated in the guide. After installing pnpm without any errors with the 'npm install -g pnpm' command, I get the 'pnpm command not found' error when I run the 'pnpm i' command.

↑ 1

2 replies

KhalilSelyan on Oct 18, 2023 Collaborator Author edited ▼

Try to use `npm install` directly instead that should work, just a bit slower to get all dependencies installed compared to pnpm. Also you may want to look at this it could fix your issue: <https://stackoverflow.com/questions/15054388/global-node-modules-not-installing-correctly-command-not-found>.

If you're only planning to use the app and not develop extra features on it, you can just download the release `.deb` file from here as well <https://github.com/leo-drive/autoware-launch-gui/releases/tag/v1.0.1>



buraakozcan on Oct 20, 2023

Thank you for your support. I fixed this problem but now, nothing happens when I click 'Launch Autoware' after I selected required parameters. <https://hizliresim.com/cirbg46>