

Notes for reviewers



Interface changes

N/A as it will only introduce new modular container images.

Effects on system behavior

N/A to bare-metal setups, but it will provide new modular deployment scheme.

Pre-review checklist for the PR author

The PR author **must** check the checkboxes below when creating the PR.

- I've confirmed the contribution guidelines.
- The PR follows the pull request guidelines.

In-review checklist for the PR reviewers

The PR reviewers **must** check the checkboxes below before approval.

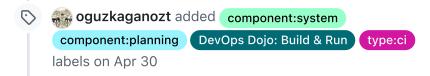
- The PR follows the pull request guidelines.
- The PR has been properly tested.
- The PR has been reviewed by the code owners.

Post-review checklist for the PR author

The PR author **must** check the checkboxes below before merging.

- There are no open discussions or they are tracked via tickets.
- The PR is ready for merge.

After all checkboxes are checked, anyone who has write access can merge the PR.



A oguzkaganozt self-assigned this on Apr 30







youtalk commented on May 7 · edited ▼

Member

<u>@oguzkaganozt</u> It is good PR but quite a big changes to review it.

To streamline the review process, please minimize the amount of revisions per PR and break it up into multiple PRs.

In addition, for both maintenance and build efficiency, a single Dockerfile should be used with multi-stage build instead of creating multiple Dockerfiles.

ref

https://github.com/orgs/autowarefoundation/discussions/4661





oguzkaganozt commented on May 8 (Contributor) (Author)

<u>@oguzkaganozt</u> It is good PR but quite a big changes to review it.

To streamline the review process, please minimize the amount of revisions per PR and break it up into multiple PRs. In addition, for both maintenance and build efficiency, a single Dockerfile should be used with multi-stage build instead of creating multiple Dockerfiles. ref

https://github.com/orgs/autowarefoundation/discussions/4661

Thank you for the review <u>@youtalk</u>. You're right on big PR changes but since this PR includes many tightly-related changes I though that it will be more easier to review in all-in-one PR.

For the multi-stage build we are already utilizing it in the monolithic images of Autoware devel and runtime. And these new modules also utilizing the base image from the monolithic images (which includes ros, rmw and some basic dependencies) but we still need to keep module dockerfiles separate because ideally in the near future we will only copy related nodes into specific dockerfile, which means reducing the size of the modules even better. (At this time, this PR copying all of the install folder into all modules which is not ideal).



@oguzkaganozt Could you make modification to the documentation accordingly as well? I think the path for run scripts and build scripts must be changed on this page.



gain and a second secon

fix: update docker installation autowarefoundation/autowaredocumentation#550





youtalk commented on May 20

4 tasks

Member

I think the renaming refactoring and multi-stage build PRs should be done separately. If we do the renaming first, the diff would be smaller.



oguzkaganozt force-pushed the

4538-provide-modular-images-for-openadkit-planning-simulator-visualizer branch from **9f002d5** to **6199c9c** 6 months ago Compare



oguzkaganozt commented

on May 22

Contributor Author

@oguzkaganozt Could you make modification to the documentation accordingly as well? I think the path for run scripts and build scripts must be changed on this page.

@mitsudome-r we don't need to update any documentation for this PR anymore, as right now it is only adding openadkit directory which only contains modular images.



oguzkaganozt force-pushed the

4538-provide-modular-images-for-openadkit-planning-simulator-visualizer branch from **d998572** to **69b7859** 6 months ago Compare



oguzkaganozt commented on May 22

(Contributor) (Author)

I think the renaming refactoring and multi-stage build PRs should be done separately. If we do the renaming first, the diff would be smaller.

I know the changes look like a lot, but as I said this work is tightly coupled and includes the all work that previously demonstrated at the last CES. Creating separate PRs would be ideal but the time timeline is tight for these features to make users to replicate the last demo.

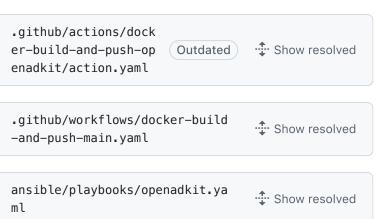
- oguzkaganozt requested review from youtalk and
 TakaHoribe 6 months ago
- oguzkaganozt force-pushed the

 4538-provide-modular-images-for-openadkit-planning-simulator-visualizer
 branch from 363229f to cbc9263 6 months ago Compare



on May 23

witsudome-r reviewed View reviewed changes





youtalk reviewed on May 24
 View reviewed changes

youtalk left a comment

Member

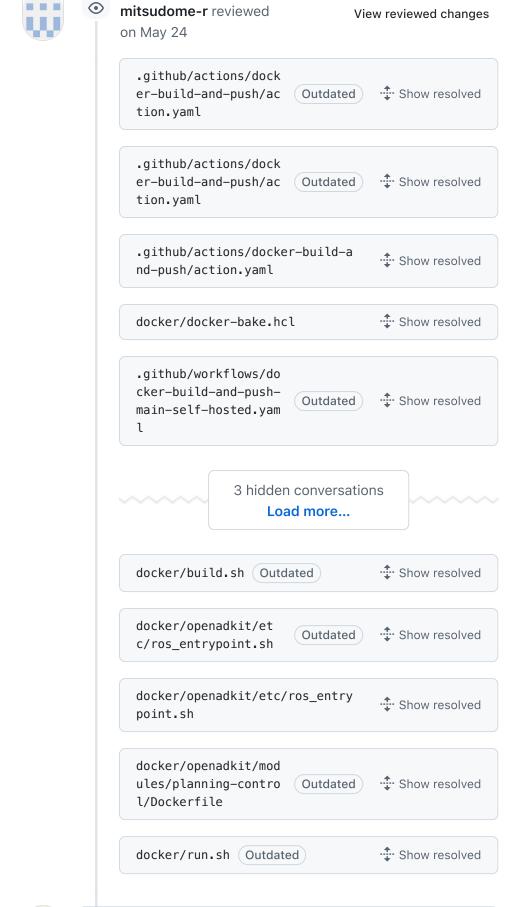
I tried to review it, but the diff is too large to write review comments easily. Although it is divided into multiple images, it looks very wasteful because the same vcs import and rosdep install are repeated in various Dockerfiles. Also, the Dockerfiles other than the simulator are almost the same in content.

```
.github/workflows/do
cker-build-and-push-
main-self-hosted.yam
l

.github/workflows/do
cker-build-and-push-
main.yaml
Outdated

*** Show resolved

*** Show resolved
```





oguzkaganozt commented on May 24 Contributor Author

I tried to review it, but the diff is too large to write review comments easily. Although it is divided into multiple images, it looks very wasteful because the same vcs import and rosdep install are repeated in various Dockerfiles. Also, the Dockerfiles other than the simulator are almost the same in content.

@youtalk at this stage of development my main focus was to just introduce these 3 different modules with demonstration of planning scenario. You're right that there are not much of diff between these dockerfiles but in the near future after defining the perception—localization container there will be.

Refining of each module's dockerfiles will be done on top of that, also we can leverage src-imported layer in the next PR of modular images. But at the time being intention was to upstream planning-control, simulator and visualizer containers and enable users to run planning scenarios with modular container setting with the help of this dockercompose file.

 aguzkaganozt requested review from mitsudome-r and youtalk 6 months ago



oguzkaganozt commented on May 24

Contributor (Author)

Removed the upload artifacts section from the workflow because of the disk space after resolving the issue we can re-enable them. @youtalk @mitsudome-r



youtalk commented on May 24

Member

#4771 reduces the image size. Please merge the latest main branch and check the CI again.



youtalk commented on May 25

Member

Removed the upload artifacts section from the workflow because of the disk space after resolving the issue we can re-enable them. @youtalk @mitsudome-r

@oguzkaganozt You were saying the opposite #4738 (comment). So I think we can't remove the Upload Artifact.

Uploading of images is necessary because you can test out the produced images without pushing them into the registry.



oguzkaganozt commented on May 26

Contributor (Author)

Removed the upload artifacts section from the workflow because of the disk space after resolving the issue we can re-enable them.

@youtalk @mitsudome-r

@oguzkaganozt You were saying the opposite #4738 (comment). So I think we can't remove the Upload Artifact.

Uploading of images is necessary because you can test out the produced images without pushing them into the registry.

<u>@youtalk</u> Since it's stepping on our feet with various features I think we can re-enable them after we solve the disk space issue for now. I just don't want to slow down our development process for now, but eventually, we will need them soon.



oguzkaganozt force-pushed the

fix playbook naming ...

remove base from build.sh ...

-O- ₩₩ add caching ···

-0-

4538-provide-modular-images-for-openadkit-planning-simulator-visualizer branch from **6c10f71** to **582a2c9** 6 months ago Compare

6293ea2

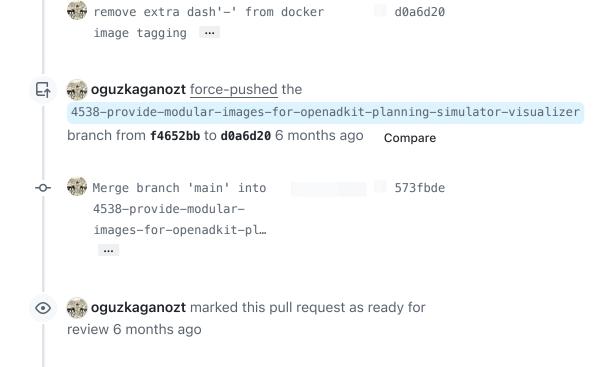
9ddc399

e6d49b5

19 hidden items

Load more...

pre-commit-ci (bot) and others added 10 commits 6 months ago P style(pre-commit): autofix 43824c5 cf43ae9 update yamllint settings ... 1705246 Remove data_path as it is included in 32b00f -0the image again ... download artifacts inside the 29d1a47 -0dockerfile again ... 83dad77 -0-





oguzkaganozt commented on May 28

Contributor Author

This PR includes too many changes and will take a lot of time to merge, so I have split out a subset PR for only renaming. #4785

Thanks @youtalk i really didn't have the time to do this as i am busy with demo prep. Now that I have merged main into this PR and the diff should be more human-readable:) @mitsudome-r

oguzkaganozt and others added 3 commits 6 months ago add clone repositories into build.sh 95f1bb5 ••• style(pre-commit): autofix 0b28c0e ef2683a



youtalk reviewed on May 28

View reviewed changes

docker/Dockerfile					
		@@ -72,11 +72,9 @@ ENV CXX="/usr/li			
72	72	# cspell: ignore libcu libnv			
73	73	# Set up development environment			
74	74	RUNmount=type=ssh \			
75		/setup-dev-env.sh -ymodule al			
	75	+ ./setup-dev-env.sh -ymodule al			
youtalk on May 28 Member					

```
I think the change of #4771 was reverted. Do
           you have some reason?
         youtalk on May 31
                                               Member )
           We need to decrease the image size to re-
           enable the Upload Artifacts step.
youtalk mentioned this pull request on May 29
    feat(ci): disable Upload Artifacts
                                                № Merged
    on docker-build-and-push action
    #4789
    4 tasks
 youtalk commented on May 29 • edited ▼
                                               Member
I have split out a subset PR for only disabling Upload
 Artifacts.
 #4789
oguzkaganozt and others added 2 commits 6 months ago
    Merge branch 'main' into
        4538-provide-modular-
        images-for-openadkit-pl...
        •••
       style(pre-commit): autofix
                                               04477cf
    youtalk reviewed on May 31
                                     View reviewed changes
       .github/actions/docker-build-and-push-openad
      kit/action.yaml
             131
                             echo 'No artifacts uploaded
                           shell: bash
             132
             133
                         # TODO: Enable after solving the
      youtalk on May 31
                                               Member
           We are using the version control tool. We can
           revert the commit. That's why removing them is
           simple.
       .github/actions/docker-build-and-push/actio
      n.yaml
      106
             119
                             set: |
       107
             120
                               ${{ inputs.build-args }}
```

```
108
       121
109
                   - name: Build only
       122
                   - name: Build Only
👔 youtalk on May 31
                                         Member
     Please focus on the minimum change. If you
     want to refactor please make another PR.
      Suggested change
       122 -
                   - name: Build Only
        122 +
                   - name: Build only
.yamllint.yaml
       . . .
               @@ -10,6 +10,7 @@ rules:
 10
        10
                 comments:
 11
        11
                   level: error
 12
        12
                   min-spaces-from-content: 1 # To
                 comments-indentation: disable # D:
        13 +
youtalk on May 31
                                         Member
      Suggested change
         13 - comments-indentation: disable
               # Disable as it's sometimes
               fails to detect vscode auto-
```

Disable as it's sometimes fails to detect vscode autocommenting https://github.com/adrienverge/ yamllint/issues/384

youtalk on May 31

(Member)

We need to decrease the image size to reenable the Upload Artifacts step.

docker/build.sh Comment on lines +61 to -64 61 targets=() 61 62 if ["\$option_devel_only" = "trong targets=("devel") 62 63 63 else 64 targets=() youtalk on May 31 Member

Please focus on the minimum change. If you want to refactor please make another PR.

docker/etc/ros_entrypoint.sh					
		@@	-22,7 +22,7 @@ else		
22	22		# Add sudo privileges to the us		
23	23		echo "\$USER_NAME ALL=(ALL) NOPA		
24	24				
25		-	# Source ROS2		
	25	+	# Source ROS 2		
	youtalk on May 31 Member				
Please focus on the minimum change. If you					
want to refactor please make another PR.					
Suggested change					
	25	_	# Source ROS 2		
	25	+	# Source ROS2		



youtalk commented on May 31

Member

@oguzkaganozt I understand that you need to use this for a demonstration, but as I've pointed out several times, this PR includes too many changes that should be separated. Therefore, the PR can never be made merge-ready.



oguzkaganozt mentioned this pull request on Jun 10

feat(docker): fix CUDA compile on devel image and improve run.sh



#4849

F 4 tasks



- 👔 🚙 oguzkaganozt closed this on Jul 29
- Y oguzkaganozt deleted the

 4538-provide-modular-images-for-openadkit-planning...
 branch 2 months ago
- gouzkaganozt restored the
 4538-provide-modular-images-for-openadkit-planning...
 branch 2 months ago
- Oguzkaganozt deleted the

 4538-provide-modular-images-for-openadkit-planning...
 branch 2 months ago