

# ci(build-main): improve storage cleaning and ci build pipeline #4191

New issue

Merged oguzkaganozt merged 2 commits into main from ci/free-disk-space on Feb 21

Conversation 4 Commits 2 Checks 17 Files changed



xmfcx commented on Feb 20 • edited

Contributor

## Description

### Intro

I was looking for a solution to fix the out of storage issues in CI.

I've found out <https://github.com/marketplace/actions/free-disk-space-ubuntu> action.

Then realized we also had [a custom free-disk-space action](#).

But it wasn't removing enough unused junk from the provided runner instance.

With this PR, we now utilize the established marketplace [free-disk-space-ubuntu action](#).

### Visible outcomes

[See my post down below this page](#)

### Issue with the build-main\* workflows

I first wanted this to be with as little change as possible.

So I just added it to the existing build-main workflow.

[autoware/.github/workflows/build-main.yaml](#)

Line 15 in 0d594f7

```
15     container: ${ needs.load-  
      env.outputs.base-image }
```

But the free-disk-space didn't work because, as I linked in the line above, it runs it in a container.

### Reviewers

mitsudome-r



### Assignees

xmfcx

### Labels

type:ci type:new-feature

### Projects

None yet

### Milestone

No milestone

### Development

Successfully merging this pull request may close these issues.

### 3 participants



Because of this, I had to modify the existing "docker-build-and-push-main" workflows to reuse them, just for building, not pushing.

This way, this PR hopefully resolves the issue and builds the Autoware everyday as expected.

## Tests performed

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- **build-main:**
  - <https://github.com/autowarefoundation/autoware/actions/runs/7974689376>
- **build-main-self-hosted:**
  - <https://github.com/autowarefoundation/autoware/actions/runs/7974691828>

Once these CIs pass, we can merge these.

## Effects on system behavior

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Not applicable.

## Pre-review checklist for the PR author

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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

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

- ☒ The PR follows the [pull request guidelines](#).

## Post-review checklist for the PR author

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


- ☒ There are no open discussions or they are tracked via tickets.

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

 **xmfcx** added `type:new-feature` `type:ci` labels on Feb 20

 **xmfcx** self-assigned this on Feb 20

 **xmfcx** changed the title ~~Ci/free-disk-space ci(build-main):~~ **improve storage cleaning and ci build pipeline** on Feb 20

 **xmfcx** commented on Feb 20 •  
edited ▼

Contributor

Author

Original github runner disk state:

| Filesystem | Size | Used | Avail | Use% | Mounted |
|------------|------|------|-------|------|---------|
| /dev/root  | 73G  | 54G  | 20G   | 74%  | /       |



Previous "free-disk-space" performance (using [a custom script](#)):

| Filesystem | Size | Used | Avail | Use% | Mounted |
|------------|------|------|-------|------|---------|
| /dev/root  | 73G  | 40G  | 33G   | 55%  | /       |



Current "free-disk-space" performance (utilizing <https://github.com/jlumbroso/free-disk-space>):

| Filesystem | Size | Used | Avail | Use% | Mounted |
|------------|------|------|-------|------|---------|
| /dev/root  | 73G  | 21G  | 52G   | 29%  | /       |



With this update, our workflows that utilize "free-disk-space" will have additional 19GB space, 57% increase from what we had before.

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After [the job with cuda](#):

| Filesystem | Size | Used | Avail | Use% | Mounted |
|------------|------|------|-------|------|---------|
| /dev/root  | 73G  | 57G  | 17G   | 78%  | /       |



Which means, this workflow uses  $(52-17=35)$ GB of storage, aftermath to its completion)


 **xmfcx** commented on Feb 20



Contributor


Author

<https://github.com/autowarefoundation/autoware/actions/runs/7972817001/job/21765355022>

Success!!

 ci(build-main): improve storage cleaning and ci build pipeline  8674d76

  **xmfcx** force-pushed the `ci/free-disk-space` branch from **581707f** to **8674d76** 9 months ago [Compare](#)



 **xmfcx** commented on Feb 20 • edited ▾

Contributor

Author

- **build-main:**
  - <https://github.com/autowarefoundation/autoware/actions/runs/7974689376>
- **build-main-self-hosted:**
  - <https://github.com/autowarefoundation/autoware/actions/runs/7974691828> failed, hopefully fixed with `d750d52`
  - <https://github.com/autowarefoundation/autoware/actions/runs/7982041377>

Once these CIs pass, we can merge this PR.



  **mitsudome-r** approved these changes on Feb 20 [View reviewed changes](#)



**mitsudome-r** left a comment

Member

LGTM

 fix self hosted  d750d52

  **oguzkaganozt** merged commit **c02aa1d** into `main` on Feb 21 [View details](#)  
16 of 17 checks passed

  **oguzkaganozt** deleted the `ci/free-disk-space` branch 9 months ago



**tier4-autoware-public-bot** bot mentioned this pull request on Feb 21

**chore: sync upstream** tier4/autoware#5

Open