

Continuously Update Everything

Two Years Later

Vernin Olivier

Bump Kubewarden version in documentation #478



Merged

flavio merged 1 commit into `main` from `updatecli_main_docusaurus_versioning` on Dec 19, 2024



Conversation 2



Commits 1



Checks 4



Files changed 146

helm install traefik fails: not found #198



Open

nathanweeks opened this issue last week · 0 comments



nathanweeks commented last week



The helm chart tarball <https://helm.traefik.io/traefik/traefik-10.3.4.tgz> listed in the Traefik installation instructions no longer exists at that URL

[docs/docs/installation/install_epinio.md](#)

Lines 35 to 42 in 1a25029

```
Error: Failed to run: Error: requested golangci-lint version 'v1.51' doesn't exist, Error: requested golangci-lint version 'v1.51' doesn't exist
  at /home/runner/work/_actions/golangci/golangci-lint-action/v3/dist/run/index.js:68164:19
  at Generator.next (<anonymous>)
  at fulfilled (/home/runner/work/_actions/golangci/golangci-lint-action/v3/dist/run/index.js:68043:58)
  at processTicksAndRejections (node:internal/process/task_queues:96:5)
Error: requested golangci-lint version 'v1.51' doesn't exist
```



Missing docker images on hub.docker.com for version 0.102.0 and upwards

Bug

Outdated

5

#10324 by Flauschbaellchen was closed on Oct 5, 2022 → v0.105.0



Missing docker images for version v0.88.1

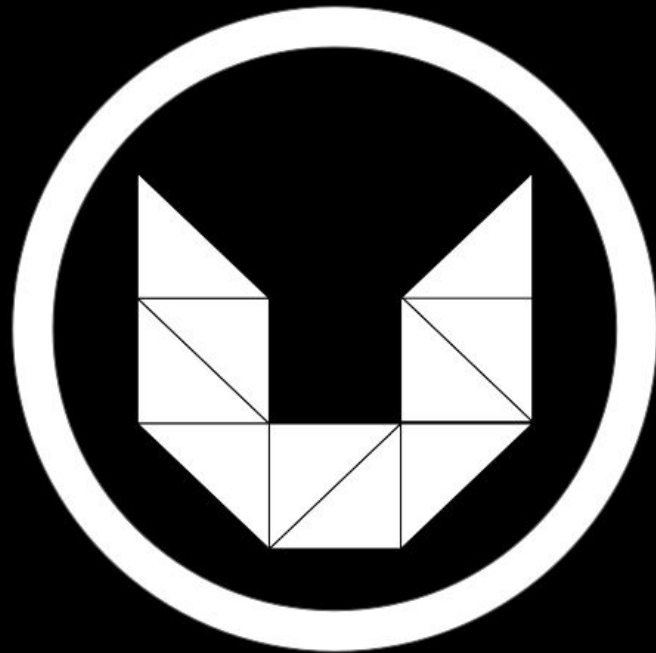
Outdated

2

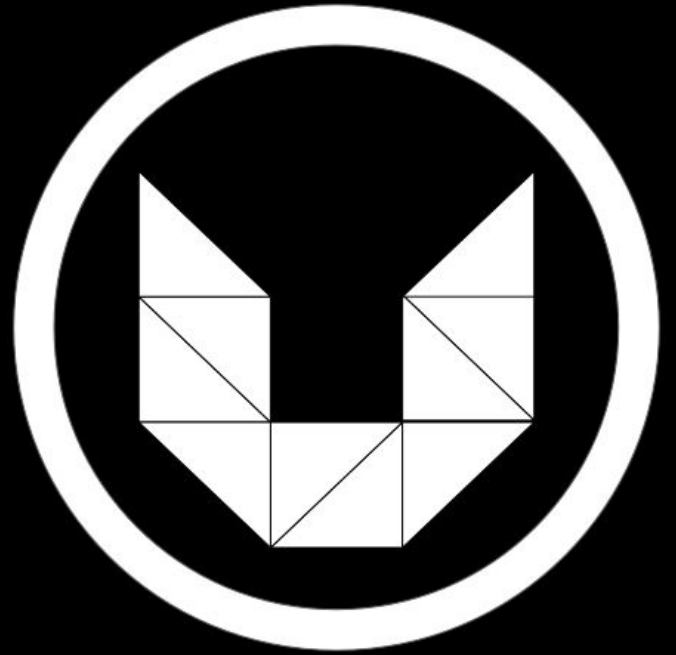
#8987 by olblak was closed on Sep 23, 2021

Updatecli

Declarative
Dependency
Management
Tool



Declarative



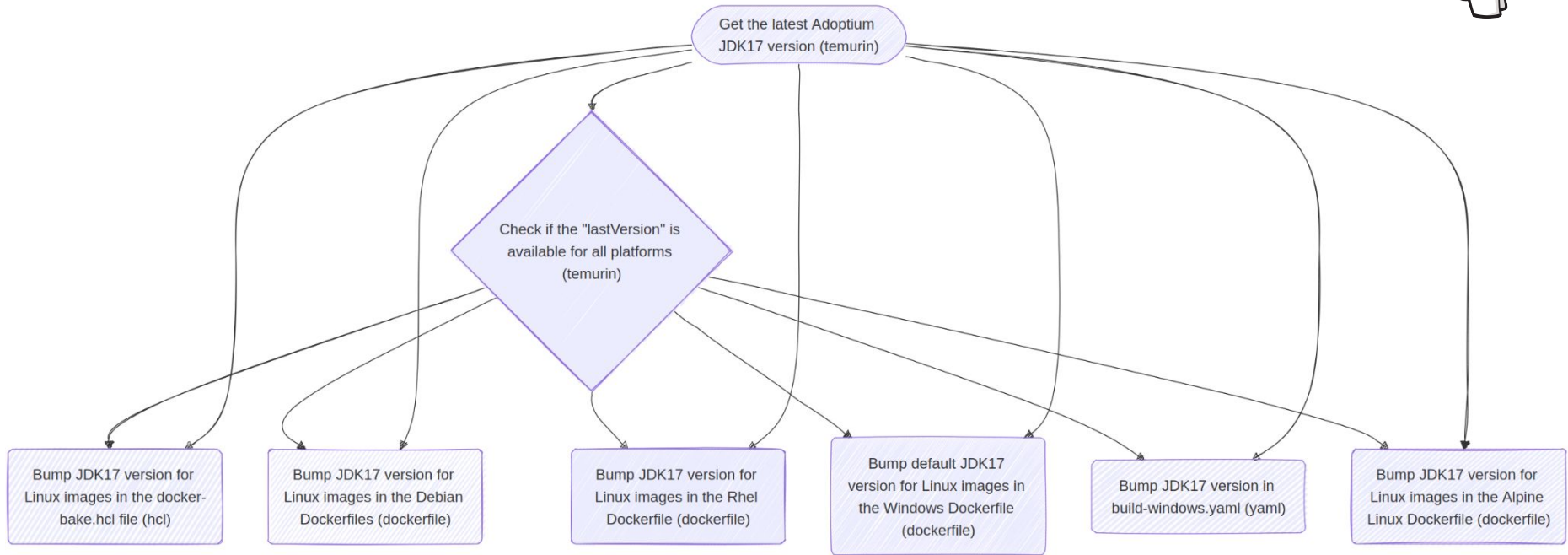
Declarative Pipeline



sources:
default:
 kind: temurin
spec:
 featureversion: 17

targets:
default:
 name: bump java version
 kind: dockerfile
 sourceid: default
spec:
 File: Dockerfile.alpine
 Instruction:
 Keyword: arg
 Matcher: JAVA_VERSION

Jenkins' Project Docker image



Scm bitbucket - stash - gitea - gitlab - github - git

Sources
Condition
Target

aws/ami - cargopackage - csv - dockerdigest - dockerfile - dockerimage
gitbranch - gitea/branch - gitea/tag - gitea/release - githubrelease
gitlab/branch - gitlab/tag - gitlab/release - gittag - golang - golang/gomod
golang/module - file - hcl - helmchart - http - jenkins - json - maven - npm
shell - stash/branch - stash/tag - terraform/file - temurin - terraform/lock
terraform/provider - terraform/registry - toml - toolversions - xml - yaml

Action

bitbucket/pullrequest - gitea/pullrequest - gitlab/mergerequest
github/pullrequest - stash/pullrequest

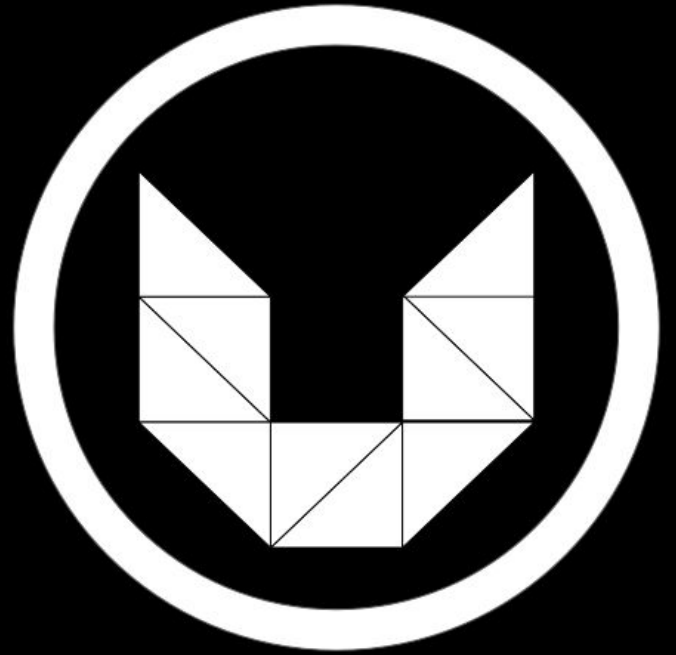
+

Simplicity
Automation Friendly
Consistency
Security
Scalability

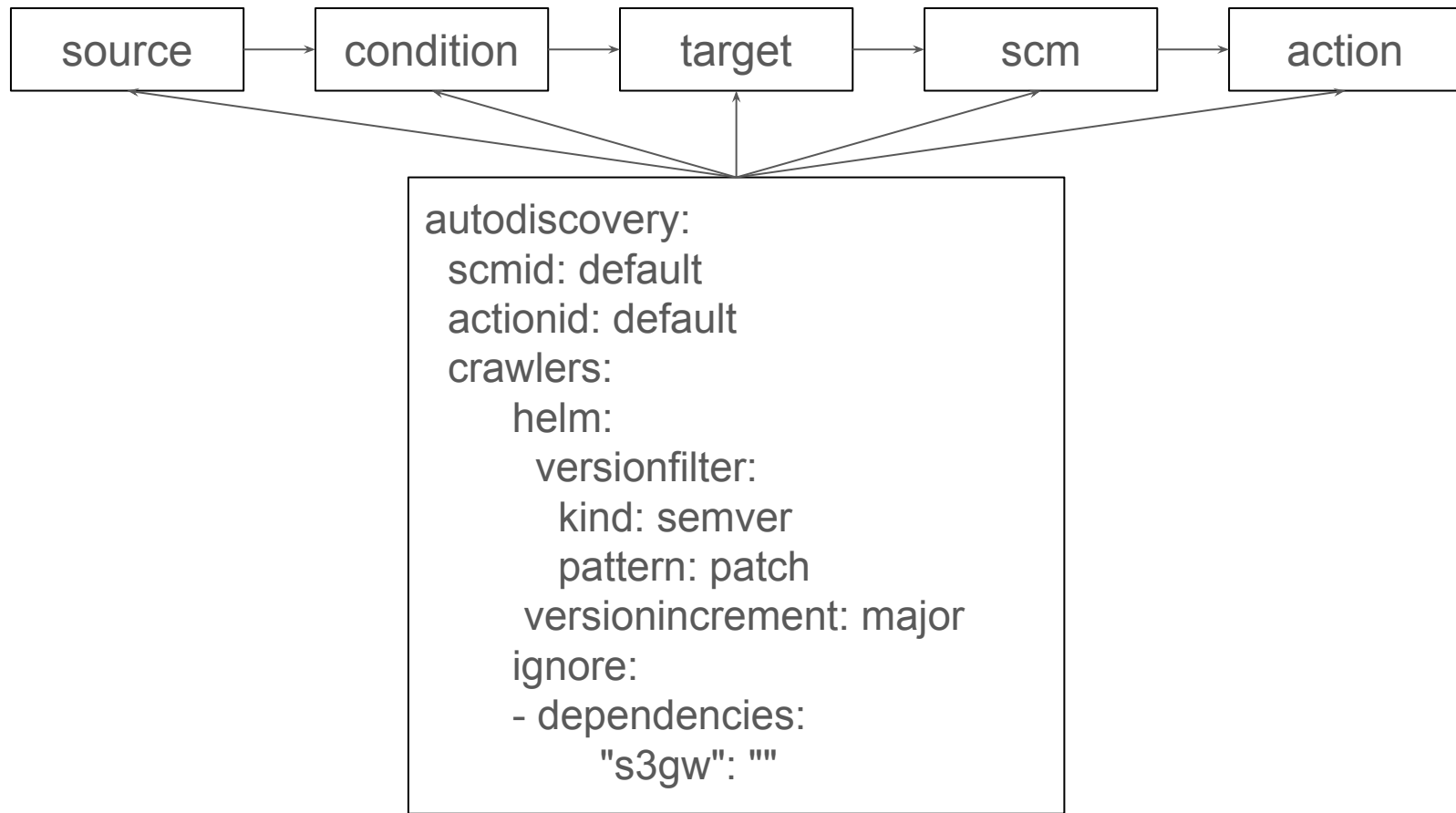
-

New DSL
Maintenance Cost
More YAML2
Unknown the unowned

Autodiscovery



Autodiscovery Pipeline



Autodiscovery cargo - dockercompose - dockerfile - flux - github/action - gitea/action -
golang/gomod - helm - helmfile - ko - kubernetes - terraform - terragrunt -
maven - npm - prow - precommit - rancher/fleet - updatecli

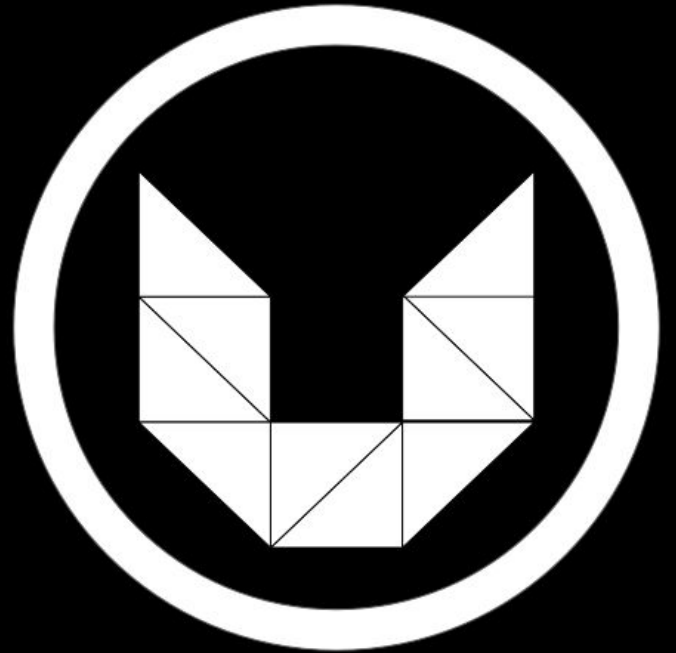
+

Know the unowned
Less to maintain
Flexibility

-

Standard
Noisy
Dumb

Policies



`updatecli compose apply`

```
# updatecli-compose.yaml
policies:
- name: Update Updatecli policies
  policy: ghcr.io/updatecli/policies/updatecli/autodiscovery:0.5.0
  values:
  - updatecli/values.d/scm.yaml
```

```
.  
├── CHANGELOG.md  
├── Policy.yaml  
├── README.md  
├── testdata  
│   └── values.yaml  
├── updatecli.d  
│   └── default.yaml  
└── values.yaml
```

github.com/updatecli/policies



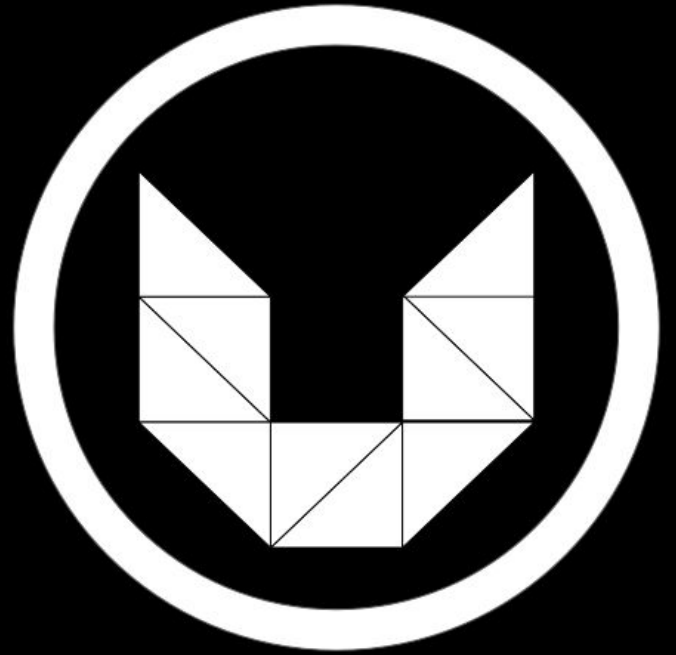
+

Scalability
Standardization
Versioned

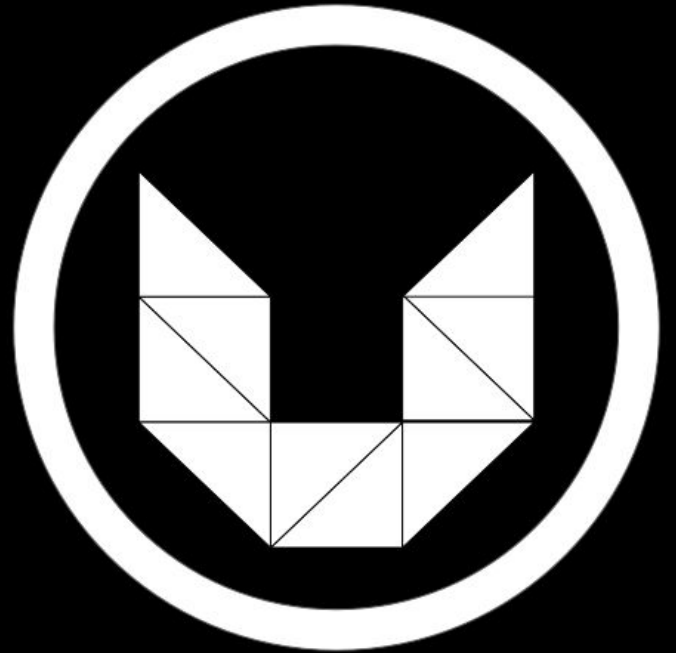
-

Complex Policies

Community



Next



Please share your Continuous Updates stories

Incontro DevOps Italia 2025: The 14th of March

[track 1  Italian] ⌚ 16:45 - 17:25

Automate or stagnate: surviving the era of continuous updates

Keeping versions of softwares up-to-date is becoming a challenge, especially when tools fail to keep up with the constantly evolving ecosystems. We explore the limits and risks of lack of automations around dependency management and the journey towards building robust update pipelines using the open source updatecli tool.

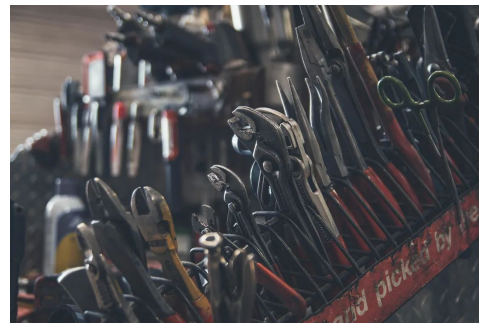


Giovanni Toraldo DevOps Engineer @ Hyland

Open Source enthusiast, software developer, writer and public speaker. Sometimes I get teleported into the 14th century.



Automating Tooling Upgrades with Updatecli:
A Scalable Solution for Platform Teams



Olivier Vernin
Engineering Manager
@SUSE

Thank you



olblak



@olblak.com



olblak@matrix.org



olblak@fosstodon.org