

JavaLand / Nürburgring / 10.04.2024

Renovate - dein Freund und Helfer für Dependency Updates

INNOQ



MICHAEL VITZ
SENIOR CONSULTANT

MICHAEL VITZ

Java Champion

Senior Consultant at INNOQ





Dependencies

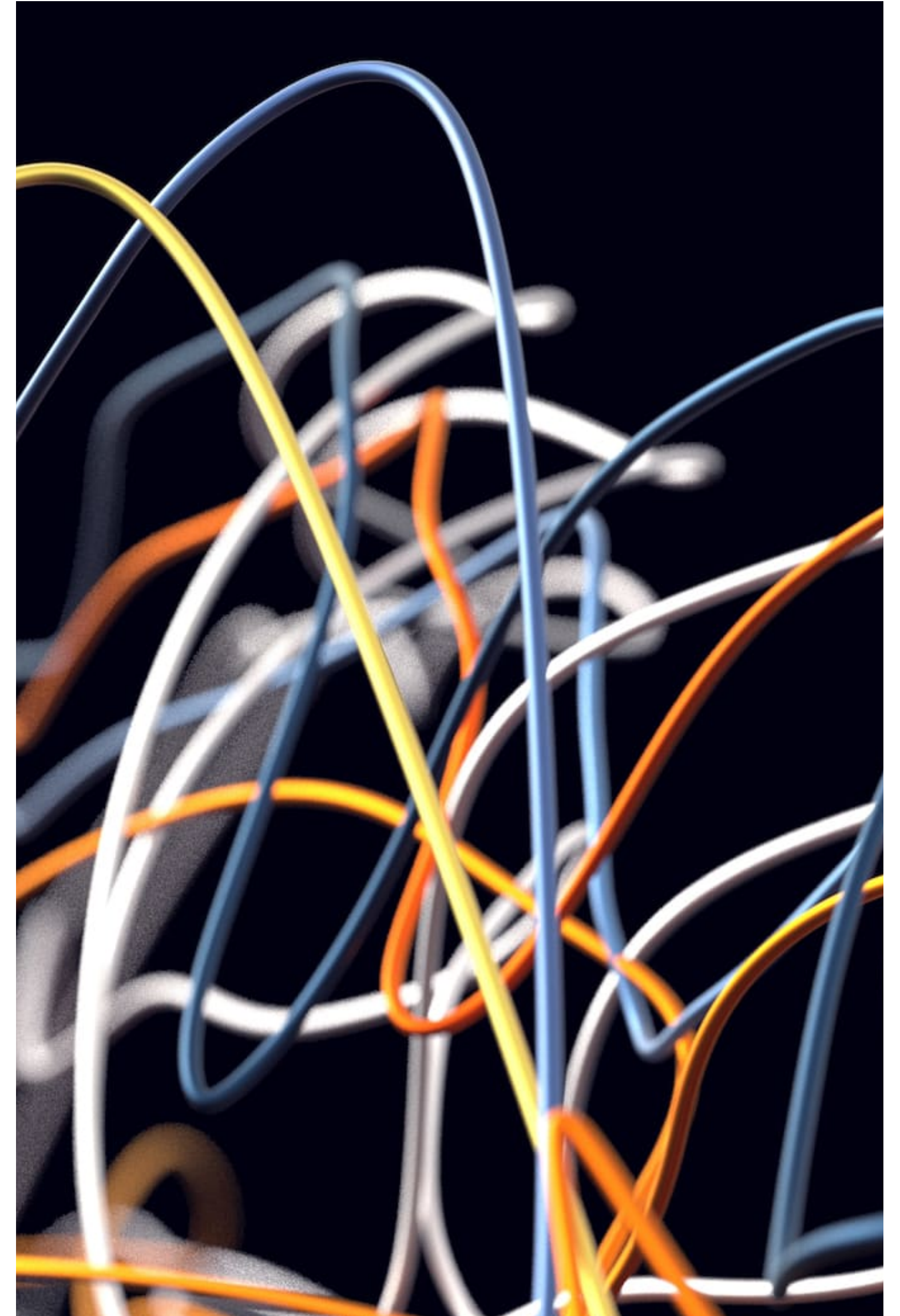
Dependencies

- Programming Language
- Frameworks
- Libraries
- Build Tools
- Container Images



Updating

- New Features
- Performance Enhancements
- Security
- Security

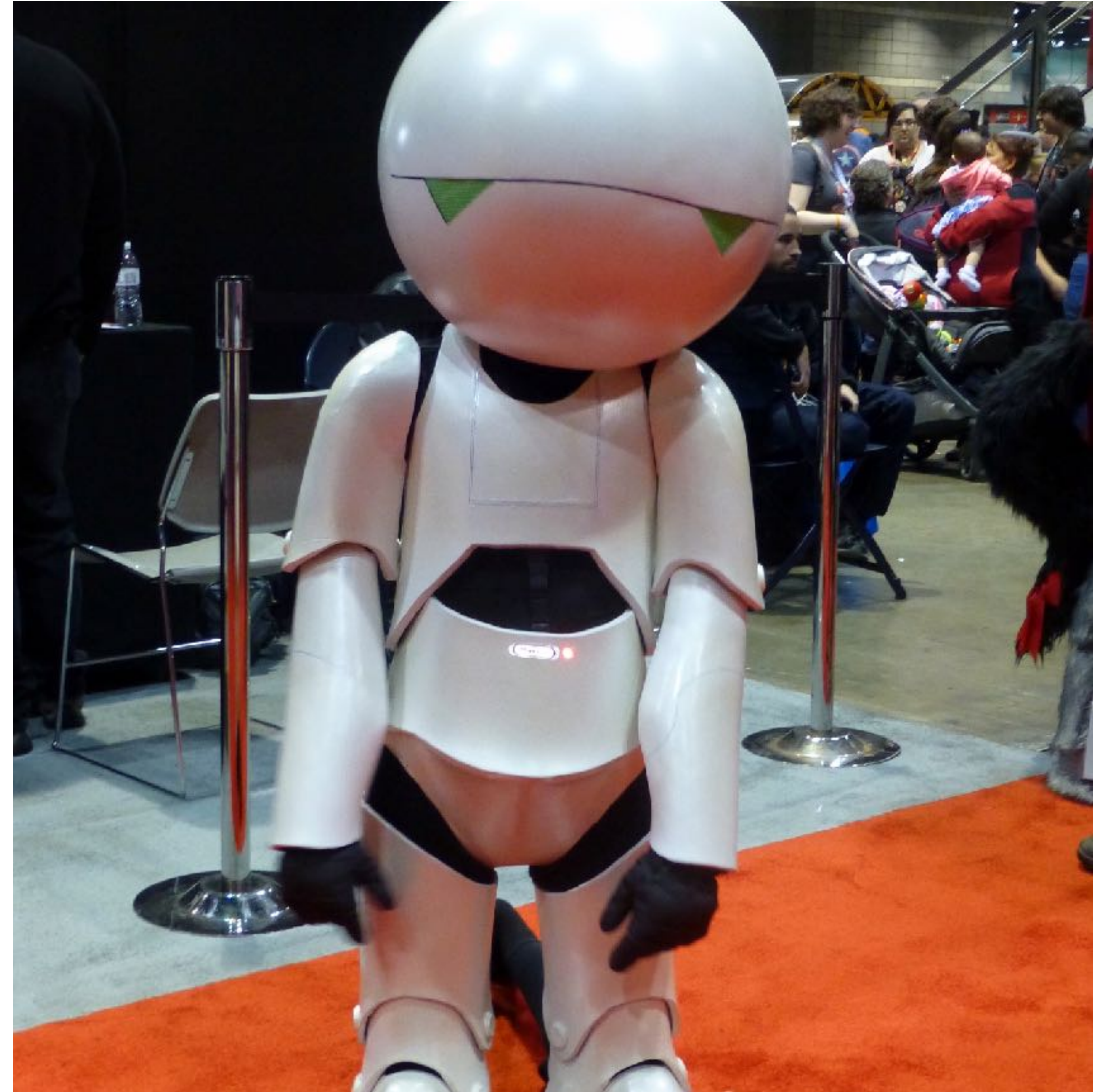


Challenges

- High number of dependencies
- Doing the update itself
- Getting noticed of new versions



Don't panic!





Dependabot

Automated dependency updates built into GitHub

👤 1.3k followers

📍 United States of America

🔗 <https://github.com/features/security>

✉ support@github.com

Verified



Renovate Bot

The home of Renovate, a bot for automated dependency updates

👤 210 followers

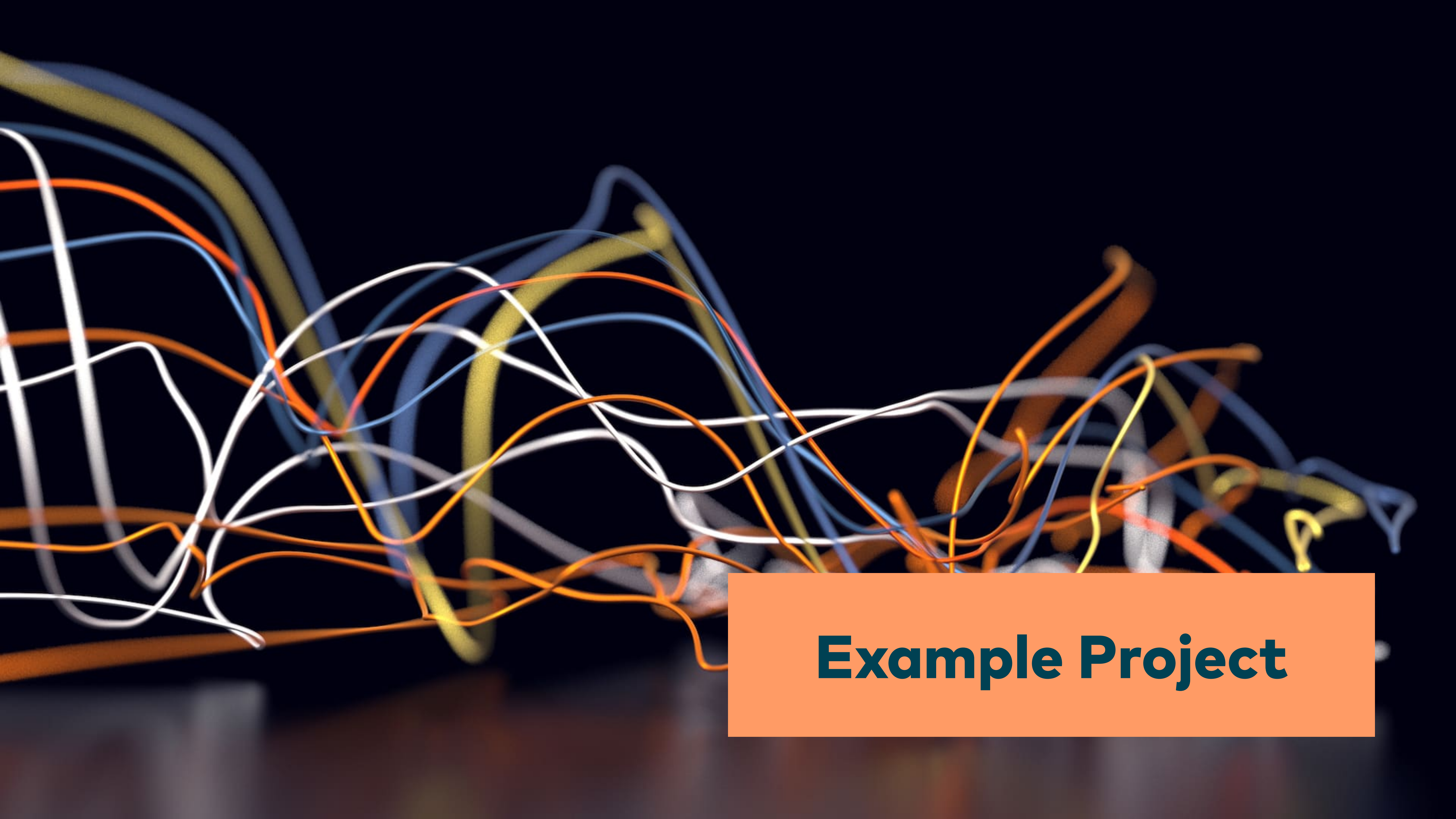
📍 Tel Aviv, Israel

🔗 <https://renovatebot.com>

🐦 @renovatebot

✉ renovate@mend.io

Sponsor

A close-up photograph of a dense, tangled mass of thin, flexible wires. The wires are in various colors, including blue, orange, white, and yellow. They are intertwined in a chaotic pattern, filling most of the frame. The background is dark and out of focus.

Example Project

```
.
├── .dockerignore
├── .editorconfig
├── .gitattributes
├── .gitignore
├── .gitlab-ci.yml
├── .mvn
│   └── wrapper
│       ├── maven-wrapper.jar
│       └── maven-wrapper.properties
├── .nvmrc
├── .sdkmanrc
├── Dockerfile
├── Dockerfile.release
├── README.md
├── bin
│   └── generate_database.java
├── faucet.config.js
├── mvnw
├── mvnw.cmd
├── package-lock.json
├── package.json
├── pom.xml
└── src
    ├── main
    │   ├── java
    │   └── resources
```

8 directories, 19 files

How many dependencies?

The background of the slide is a dark, charcoal grey color. It is filled with numerous thin, translucent, fiber-like lines that appear to be glowing from within. These lines are scattered across the frame, with some appearing as sharp, straight streaks and others as more blurred, curved paths. The lines vary in length and orientation, creating a sense of dynamic movement and depth. In the lower right portion of the image, there is a solid, bright orange rectangular area that serves as a backdrop for the title text.

Onboarding

Configure Renovate

 Open Renovate Bot requested to merge `renovate/configure` into `main` 8 minutes ago

Overview 0 Commits 1 Changes 1

Welcome to [Renovate](#)! This is an onboarding MR to help you understand and configure settings before regular Merge Requests begin.

 To activate Renovate, merge this Merge Request. To disable Renovate, simply close this Merge Request unmerged.

Detected Package Files

- `Dockerfile` (dockerfile)
- `Dockerfile.release` (dockerfile)
- `.gitlab-ci.yml` (gitlabci)
- `pom.xml` (maven)
- `.mvn/wrapper/maven-wrapper.properties` (maven-wrapper)
- `package.json` (npm)
- `.nvmrc` (nvm)

What to Expect

With your current configuration, Renovate will create 9 Merge Requests:

- Update alpine Docker tag to v3.18.4
- Update dependency maven to v3.9.5
- Update dependency com.github.eirslett:frontend-maven-plugin to v1.14.2
- Update dependency faucet-pipeline-sass to v1.8.0
- Update dependency node to v18.18.2
- Update dependency org.springframework.boot:spring-boot-starter-parent to v3.1.5
- Update jbangdev/jbang-action Docker tag to v0.112.4
- Update dependency matcher to v5
- Update dependency node to v20

 Branch creation will be limited to maximum 2 per hour, so it doesn't swamp any CI resources or overwhelm the project. See docs for `prhourlylimit` for details.

 Got questions? Check out Renovate's [Docs](#), particularly the Getting Started section. If you need any further assistance then you can also [request help here](#).

```
{  
  "$schema": "https://docs.renovatebot.com/renovate-schema.json"  
}
```

Open 2 Merged 1 Closed 0 All 3

Bulk edit New merge request ⋮

Recent searches ▾

Search or filter results...

Created date ▾

⌵

- Update dependency maven to v3.9.5

0 of 1 checklist item completed

!3 · created just now by Renovate Bot

0

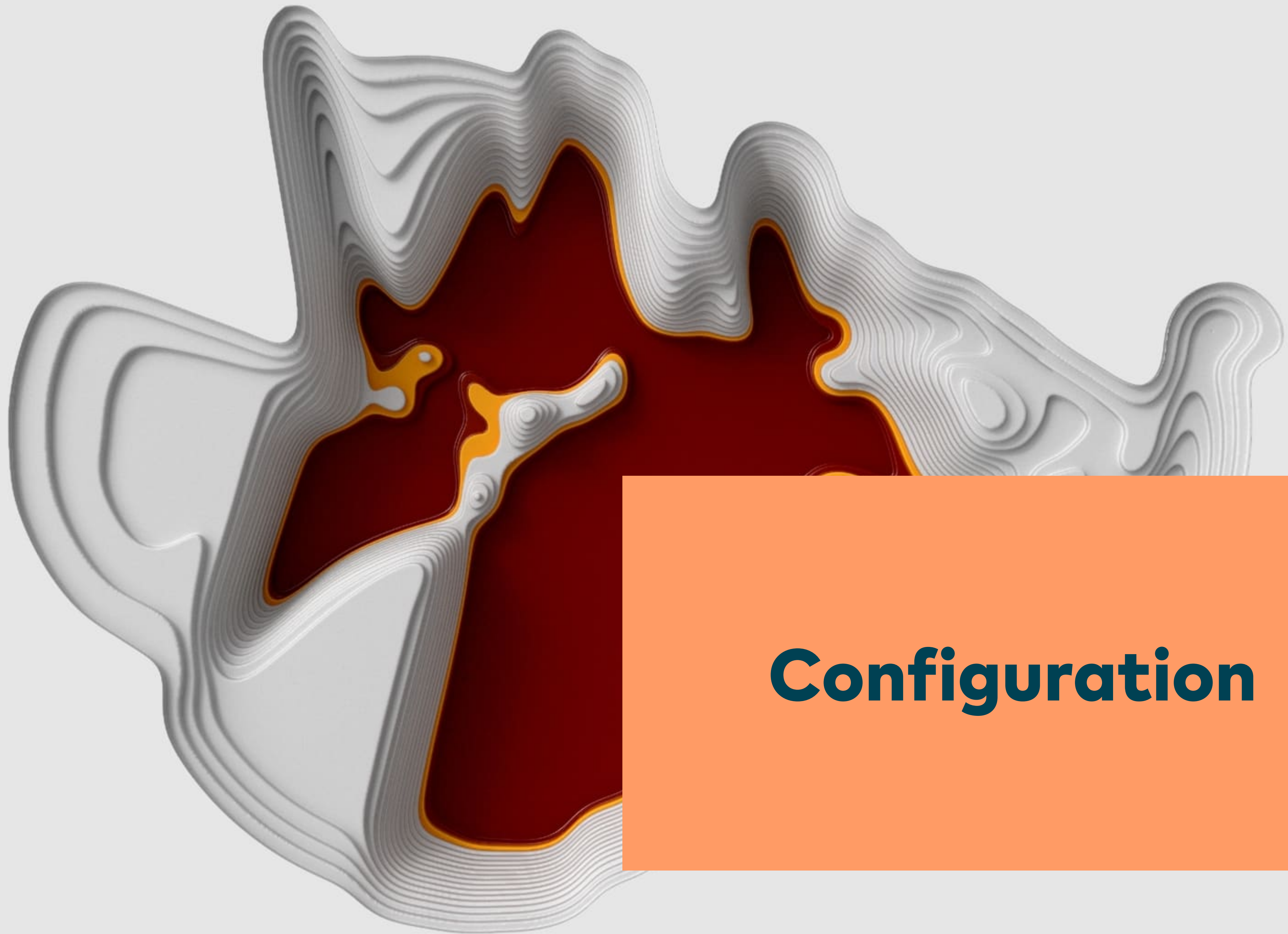
updated just now
- Update alpine Docker tag to v3.18.4

0 of 1 checklist item completed

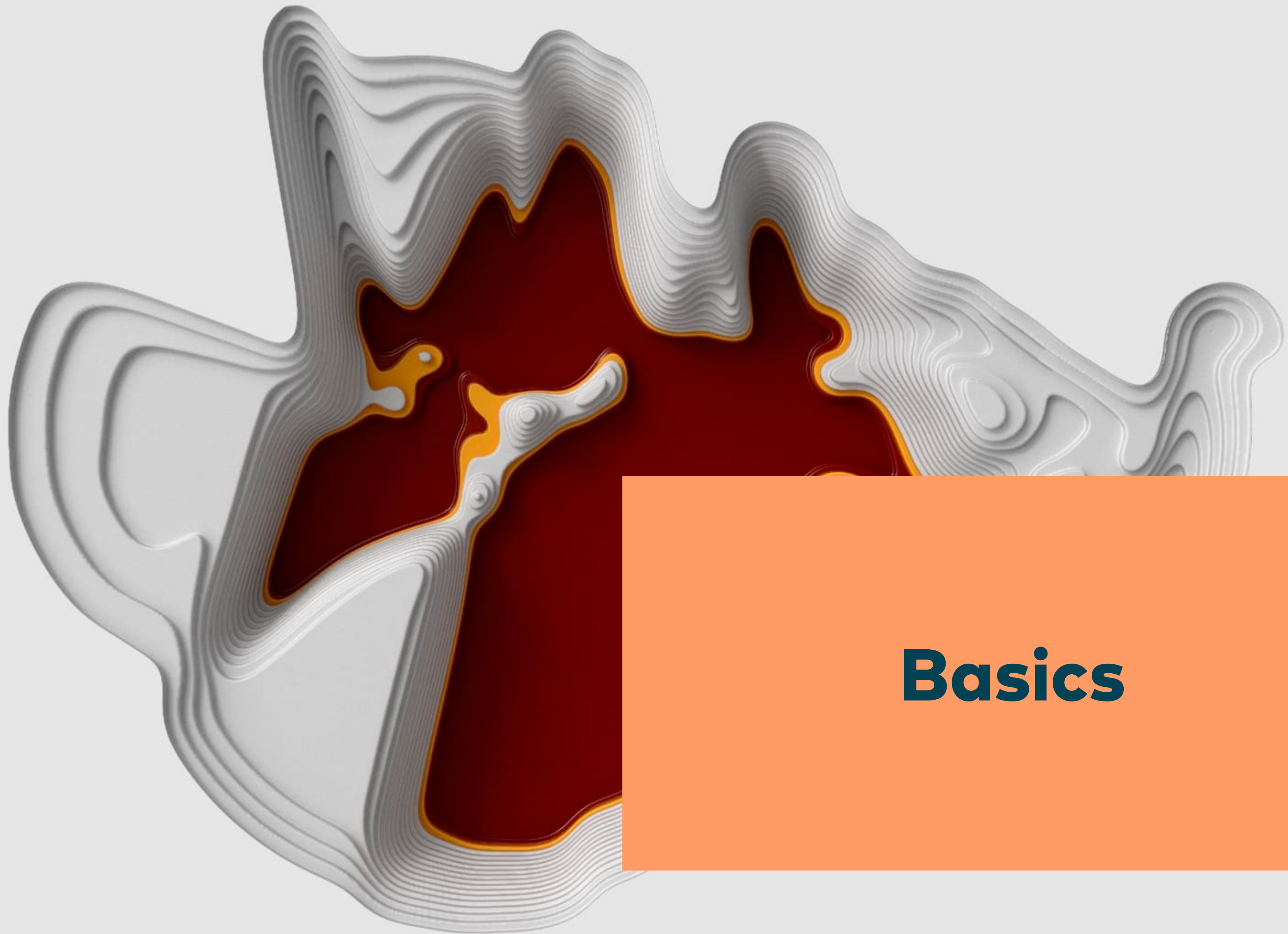
!2 · created just now by Renovate Bot

0

updated just now



Configuration



Basics

```
{  
  "$schema": "https://docs.renovatebot.com/renovate-schema.json",  
  "assignees": ["michael"],  
  "prConcurrentLimit": 0,  
  "prHourlyLimit": 0  
}
```

```
{
  "$schema": "https://docs.renovatebot.com/renovate-schema.json",
  "extends": [
    "config:recommended",
    ":assignee(michael)",
    ":prConcurrentLimitNone",
    ":prHourlyLimitNone",
    ":rebaseStalePrs"
  ]
}
```

Open 11 Merged 1 Closed 0 All 12

Bulk edit

New merge request



Recent searches ▾

Search or filter results...

Created date ▾



Update eclipse-temurin Docker tag to v21 0 of 1 checklist item completed
!12 · created just now by Renovate Bot

0
updated just now

Update dependency node to v20 0 of 1 checklist item completed
!11 · created just now by Renovate Bot

0
updated just now

Update dependency matcher to v5 0 of 1 checklist item completed
!10 · created just now by Renovate Bot

0
updated just now

Update jbangdev/jbang-action Docker tag to v0.112.4 0 of 1 checklist item completed
!9 · created just now by Renovate Bot

0
updated just now

Update dependency org.springframework.boot:spring-boot-starter-parent to v3.1.5 0 of 1 checklist item completed
!8 · created just now by Renovate Bot

0
updated just now

Update dependency node to v18.18.2 0 of 1 checklist item completed
!7 · created just now by Renovate Bot

0
updated just now

Update dependency faucet-pipeline-sass to v1.8.0 0 of 1 checklist item completed
!6 · created just now by Renovate Bot

0
updated just now

Update dependency com.github.eirslett:frontend-maven-plugin to v1.14.2 0 of 1 checklist item completed
!5 · created 1 minute ago by Renovate Bot

0
updated 1 minute ago

Update eclipse-temurin Docker tag 0 of 1 checklist item completed
!4 · created 1 minute ago by Renovate Bot

0
updated 1 minute ago

Update dependency maven to v3.9.5 0 of 1 checklist item completed
!3 · created 6 minutes ago by Renovate Bot

0
updated 1 minute ago

Update alpine Docker tag to v3.18.4 0 of 1 checklist item completed
!2 · created 6 minutes ago by Renovate Bot

0
updated 1 minute ago

Open 1 Closed 0 All 1

Bulk edit

New issue



Search or filter results...

Created date

Dependency Dashboard 0 of 12 checklist items completed
#1 · created 5 minutes ago by Renovate Bot

0

Dependency Dashboard

Edit



Open

Issue created 6 minutes ago by Renovate Bot

This issue lists Renovate updates and detected dependencies. Read the [Dependency Dashboard](#) docs to learn more.

Open

These updates have all been created already. Click a checkbox below to force a retry/rebase of any.

- ☐ [Update alpine Docker tag to v3.18.4](#)
- ☐ [Update dependency maven to v3.9.5](#)
- ☐ [Update eclipse-temurin Docker tag](#)
- ☐ [Update dependency com.github.eirslett:frontend-maven-plugin to v1.14.2](#)
- ☐ [Update dependency faucet-pipeline-sass to v1.8.0](#)
- ☐ [Update dependency node to v18.18.2](#)
- ☐ [Update dependency org.springframework.boot:spring-boot-starter-parent to v3.1.5](#)
- ☐ [Update jbangdev/jbang-action Docker tag to v0.112.4](#)
- ☐ [Update dependency matcher to v5](#)
- ☐ [Update dependency node to v20](#)
- ☐ [Update eclipse-temurin Docker tag to v21](#)
- ☐ **Click on this checkbox to rebase all open MRs at once**

Detected dependencies

► dockerfile

► gitlabci

► maven

► maven-wrapper

► npm

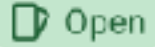
► nvm

0 of 12 checklist items completed



Create merge request



 Open Dependency Dashboard

Detected dependencies

▼ dockerfile

▼ Dockerfile

- eclipse-temurin 17.0.7_7-jdk-alpine
- eclipse-temurin 17.0.7_7-jdk-alpine

▼ Dockerfile.release

- alpine 3.18.2

▼ gitlabci

▼ .gitlab-ci.yml

- eclipse-temurin 17.0.7_7-jdk
- jbangdev/jbang-action 0.109.0

▼ maven

▼ pom.xml

- org.springframework.boot:spring-boot-starter-parent 3.0.10
- com.github.eirslett:frontend-maven-plugin 1.13.4

▼ maven-wrapper

▼ .mvn/wrapper/maven-wrapper.properties

- maven 3.9.2
- maven-wrapper 3.2.0

▼ npm

▼ package.json

- innoq-bootstrap-theme ^2.1.0
- faucet-pipeline-core ^2.0.0
- faucet-pipeline-sass ^1.7.0
- faucet-pipeline-static ^2.1.0
- matcher ^4.0.0

▼ nvm

▼ .nvmrc

- 16.17.0



Updates

```
{
  "$schema": "https://docs.renovatebot.com/renovate-schema.json",
  "extends": [
    "config:recommended",
    ":assignee(michael)",
    ":prConcurrentLimitNone",
    ":prHourlyLimitNone",
    ":rebaseStalePrs",
    ":separatePatchReleases"
  ]
}
```

Open 13 Merged 1 Closed 3 All 17

Bulk edit

New merge request



Recent searches ▾

Search or filter results...

Created date ▾



Update eclipse-temurin Docker tag 0 of 1 checklist item completed
!17 · created 2 minutes ago by Renovate Bot

0
updated 2 minutes ago

Update dependency org.springframework.boot:spring-boot-starter-parent to v3.0.13 0 of 1 checklist item completed
!16 · created 2 minutes ago by Renovate Bot

0
updated 2 minutes ago

Update dependency node to v18.17.1 0 of 1 checklist item completed
!15 · created 2 minutes ago by Renovate Bot

0
updated 2 minutes ago

Update dependency maven to v3.9.5 0 of 1 checklist item completed
!14 · created 2 minutes ago by Renovate Bot

0
updated 2 minutes ago

Update alpine Docker tag to v3.18.4 0 of 1 checklist item completed
!13 · created 2 minutes ago by Renovate Bot

0
updated 2 minutes ago

Update eclipse-temurin Docker tag to v21 0 of 1 checklist item completed
!12 · created 15 minutes ago by Renovate Bot

0
updated 1 minute ago

Update dependency node to v20 0 of 1 checklist item completed
!11 · created 16 minutes ago by Renovate Bot

0
updated 1 minute ago

Update dependency matcher to v5 0 of 1 checklist item completed
!10 · created 16 minutes ago by Renovate Bot

0
updated 1 minute ago

Update jbangdev/jbang-action Docker tag to v0.112.4 0 of 1 checklist item completed
!9 · created 16 minutes ago by Renovate Bot

0
updated 1 minute ago

Update dependency org.springframework.boot:spring-boot-starter-parent to v3.1.5 0 of 1 checklist item completed
!8 · created 16 minutes ago by Renovate Bot

0
updated 1 minute ago

Update dependency node to v18.18.2 0 of 1 checklist item completed
!7 · created 16 minutes ago by Renovate Bot

0
updated 1 minute ago

Update dependency faucet-pipeline-sass to v1.8.0 0 of 1 checklist item completed
!6 · created 16 minutes ago by Renovate Bot

0
updated 1 minute ago

Update dependency com.github.eirslett:frontend-maven-plugin to v1.14.2 0 of 1 checklist item completed
!5 · created 16 minutes ago by Renovate Bot

0
updated 2 minutes ago

```
{
  "$schema": "https://docs.renovatebot.com/renovate-schema.json",
  "extends": [
    "config:recommended",
    ":assignee(michael)",
    ":prConcurrentLimitNone",
    ":prHourlyLimitNone",
    ":rebaseStalePrs",
    ":separatePatchReleases"
  ],
  "packageRules": [
    {
      "description": "Disables automatic major and minor upgrades of Spring Boot",
      "matchDatasources": ["maven"],
      "matchPackageNames": [
        "org.springframework.boot:spring-boot-starter-parent",
        "org.springframework.boot:spring-boot-dependencies"
      ],
      "matchUpdateTypes": ["major", "minor"],
      "enabled": false
    }
  ]
}
```

```
{
  "$schema": "https://docs.renovatebot.com/renovate-schema.json",
  "extends": [
    "config:recommended",
    ":assignee(michael)",
    ":prConcurrentLimitNone",
    ":prHourlyLimitNone",
    ":rebaseStalePrs",
    ":separatePatchReleases"
  ],
  "packageRules": [
    {
      "description": "Disables automatic major and minor upgrades of Spring Boot",
      "matchDatasources": ["maven"],
      "matchPackageNames": [
        "org.springframework.boot:spring-boot-starter-parent",
        "org.springframework.boot:spring-boot-dependencies"
      ],
      "matchUpdateTypes": ["major", "minor"],
      "dependencyDashboardApproval": true
    }
  ]
}
```

Open 12 Merged 1 Closed 3 All 16

Bulk edit

New merge request



Recent searches ▾

Search or filter results...

Created date ▾



Update dependency org.springframework.boot:spring-boot-starter-parent to v3.0.13 0 of 1 checklist item completed

!18 · created just now by Renovate Bot

0

updated just now

Update eclipse-temurin Docker tag 0 of 1 checklist item completed

!17 · created 7 minutes ago by Renovate Bot

0

updated just now

Update dependency node to v18.17.1 0 of 1 checklist item completed

!15 · created 8 minutes ago by Renovate Bot

0

updated 1 minute ago

Update dependency maven to v3.9.5 0 of 1 checklist item completed

!14 · created 8 minutes ago by Renovate Bot

0

updated 1 minute ago

Update alpine Docker tag to v3.18.4 0 of 1 checklist item completed

!13 · created 8 minutes ago by Renovate Bot

0

updated 1 minute ago

Update eclipse-temurin Docker tag to v21 0 of 1 checklist item completed

!12 · created 21 minutes ago by Renovate Bot

0

updated just now

Update dependency node to v20 0 of 1 checklist item completed

!11 · created 21 minutes ago by Renovate Bot

0

updated just now

Update dependency matcher to v5 0 of 1 checklist item completed

!10 · created 21 minutes ago by Renovate Bot

0

updated just now

Update jbangdev/jbang-action Docker tag to v0.112.4 0 of 1 checklist item completed

!9 · created 21 minutes ago by Renovate Bot

0

updated just now

Update dependency node to v18.18.2 0 of 1 checklist item completed

!7 · created 22 minutes ago by Renovate Bot

0

updated just now

Update dependency faucet-pipeline-sass to v1.8.0 0 of 1 checklist item completed

!6 · created 22 minutes ago by Renovate Bot

0

updated just now

Update dependency com.github.eirslett:frontend-maven-plugin to v1.14.2 0 of 1 checklist item completed

!5 · created 22 minutes ago by Renovate Bot

0

updated just now

Dependency Dashboard

Edit

⋮

🔖 Open

 Issue created 23 minutes ago by **Renovate Bot**

This issue lists Renovate updates and detected dependencies. Read the [Dependency Dashboard](#) docs to learn more.

Pending Approval

These branches will be created by Renovate only once you click their checkbox below.

- ☐ Update dependency org.springframework.boot:spring-boot-starter-parent to v3.1.5

Open

These updates have all been created already. Click a checkbox below to force a retry/rebase of any.

- ☐ [Update alpine Docker tag to v3.18.4](#)
- ☐ [Update dependency maven to v3.9.5](#)
- ☐ [Update dependency node to v18.17.1](#)
- ☐ [Update dependency org.springframework.boot:spring-boot-starter-parent to v3.0.13](#)
- ☐ [Update eclipse-temurin Docker tag](#)
- ☐ [Update dependency com.github.eirslett:frontend-maven-plugin to v1.14.2](#)
- ☐ [Update dependency faucet-pipeline-sass to v1.8.0](#)
- ☐ [Update dependency node to v18.18.2](#)
- ☐ [Update jbangdev/jbang-action Docker tag to v0.112.4](#)
- ☐ [Update dependency matcher to v5](#)
- ☐ [Update dependency node to v20](#)
- ☐ [Update eclipse-temurin Docker tag to v21](#)
- ☐ Click on this **checkbox** to rebase all open MRs at once

Detected dependencies

- ▶ dockerfile
- ▶ gitlabci
- ▶ maven
- ▶ maven-wrapper
- ▶ npm
- ▶ nvm

0 of 14 checklist items completed · Edited 1 minute ago by Renovate Bot

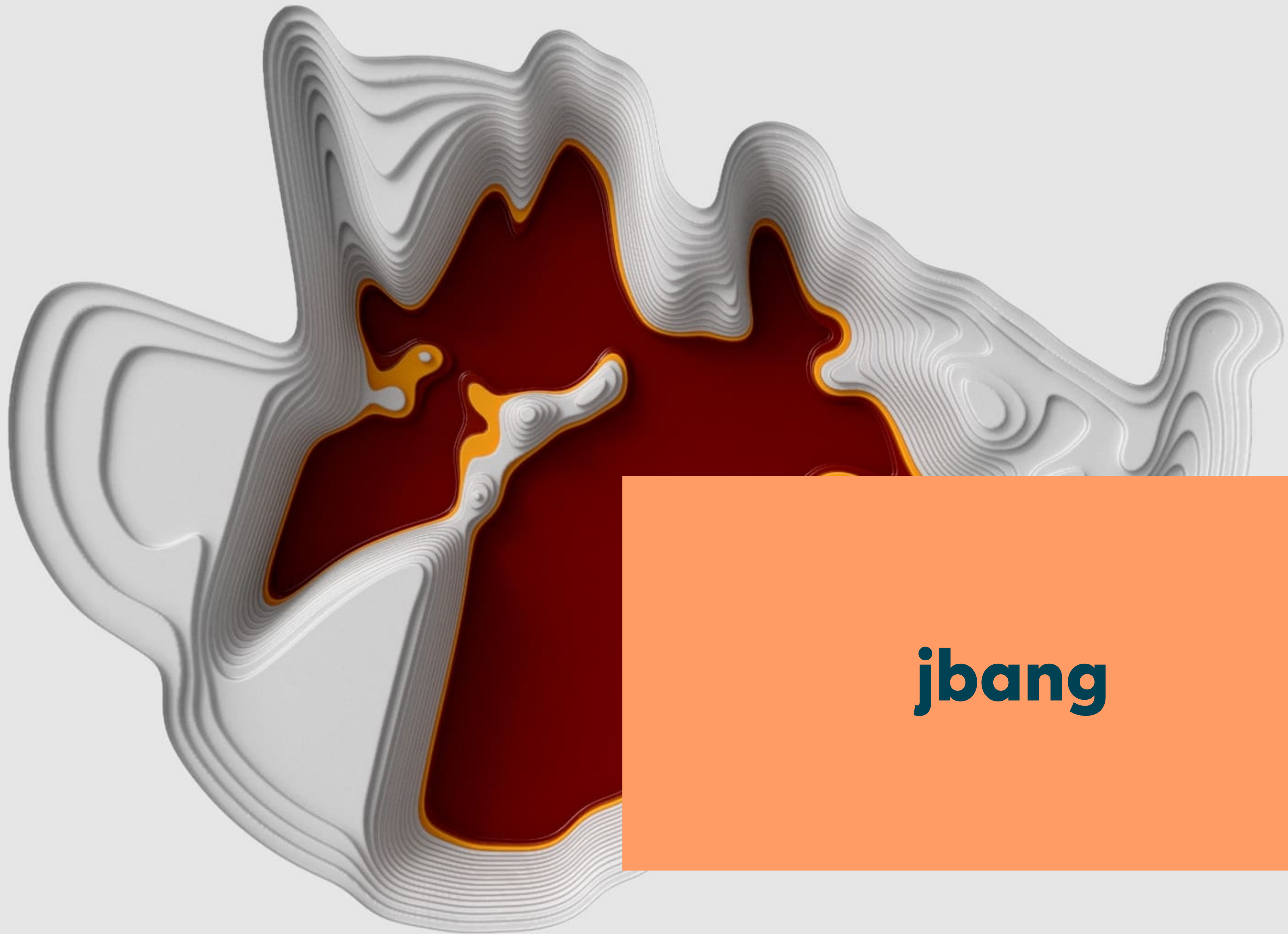
👍 0

👎 0

😊

Create merge request

⌵



jbang

```
///usr/bin/env jbang "$0" "$@" ; exit $?
//JAVA 17+
//JAVA_OPTIONS -Dapple.awt.UIElement=true
//DEPS org.springframework.boot:spring-boot-dependencies:3.0.10@pom
//DEPS org.springframework.boot:spring-boot-starter-jdbc
//DEPS com.h2database:h2
//DEPS org.json:json:20230227
//DEPS commons-codec:commons-codec

class GenerateDatabase {

    public static void main(String[] args) {
        System.out.println("Generating database");
    }
}
```

Update dependency org.springframework.boot:spring-boot-starter-parent to v3.0.13

Edit

Open Renovate Bot requested to merge [renovate/patch-spring-boot](#) into [main](#) 4 minutes ago

Overview 0 Commits 1 Changes 1

This MR contains the following updates:

Package	Type	Update	Change
org.springframework.boot:spring-boot-starter-parent (source)	parent	patch	3.0.10 -> 3.0.13

Release Notes

► [spring-projects/spring-boot](#) (org.springframework.boot:spring-boot-starter-parent)

Configuration

Schedule: Branch creation - At any time (no schedule defined), Automerge - At any time (no schedule defined).

Automerge: Disabled by config. Please merge this manually once you are satisfied.

Rebasing: Whenever MR is behind base branch, or you tick the rebase/retry checkbox.

Ignore: Close this MR and you won't be reminded about this update again.

☐ If you want to rebase/retry this MR, check this box

This MR has been generated by [Renovate Bot](#).

0

0

8

Approve

Approval is optional

?

Ready to merge!

☒ Delete source branch ☐ Squash commits ☐ Edit commit message

1 commit and 1 merge commit will be added to main.

Merge

Activity

Assignee
 Michael Vitz

0 Reviewers
None - assign yourself

Labels
None

Milestone
None

Time tracking
No estimate or time spent

2 Participants

Update dependency org.springframework.boot:spring-boot-starter-parent to v3.0.13

Edit

 Open Renovate Bot requested to merge [renovate/patch-spring-boot](#) into [main](#) 4 minutes ago

Overview 0

Commits 1

Changes 1

Mark as done

Compare main and latest version

1 file +1 -1



pom.xml

+1 -1

☐ Viewed



@@ -7,7 +7,7 @@

```
<parent>
  <groupId>org.springframework.boot</groupId>
  <artifactId>spring-boot-starter-parent</artifactId>
-  <version>3.0.10</version>
+  <version>3.0.13</version>
  <relativePath/>
</parent>
```

```
{
  "$schema": "https://docs.renovatebot.com/renovate-schema.json",
  "extends": [
    "config:recommended",
    ":assignee(michael)",
    ":prConcurrentLimitNone",
    ":prHourlyLimitNone",
    ":rebaseStalePrs",
    ":separatePatchReleases"
  ],
  "customManagers": [
    {
      "customType": "regex",
      "fileMatch": [
        "^bin/.*/\\.java$"
      ],
      "matchStrings": [
        "//DEPS (?<depName>.*/\\.java):(?<currentValue>[^\n]*)(@pom)?"
      ],
      "datasourceTemplate": "maven"
    }
  ],
  "packageRules": [
    {
      "description": "Disables automatic major and minor upgrades of Spring Boot",
      "matchDatasources": ["maven"],
      "matchPackageNames": [
        "org.springframework.boot:spring-boot-starter-parent",
        "org.springframework.boot:spring-boot-dependencies"
      ],
      "matchUpdateTypes": ["major", "minor"]
    }
  ]
}
```

Open 13 Merged 1 Closed 3 All 17

Bulk edit New merge request ⋮

Recent searches ▾

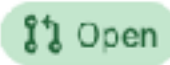
Search or filter results...

Created date ▾

⌵

Update dependency org.json:json to v20231013 0 of 1 checklist item completed !19 · created 4 minutes ago by Renovate Bot	  0 updated 4 minutes ago
Update spring boot to v3.0.13 (patch) 0 of 1 checklist item completed !18 · created 18 minutes ago by Renovate Bot	  0 updated 5 minutes ago
Update eclipse-temurin Docker tag 0 of 1 checklist item completed !17 · created 25 minutes ago by Renovate Bot	  0 updated 5 minutes ago
Update dependency node to v18.17.1 0 of 1 checklist item completed !15 · created 25 minutes ago by Renovate Bot	  0 updated 5 minutes ago
Update dependency maven to v3.9.5 0 of 1 checklist item completed !14 · created 25 minutes ago by Renovate Bot	  0 updated 5 minutes ago
Update alpine Docker tag to v3.18.4 0 of 1 checklist item completed !13 · created 25 minutes ago by Renovate Bot	  0 updated 5 minutes ago
Update eclipse-temurin Docker tag to v21 0 of 1 checklist item completed !12 · created 38 minutes ago by Renovate Bot	  0 updated 4 minutes ago
Update dependency node to v20 0 of 1 checklist item completed !11 · created 39 minutes ago by Renovate Bot	  0 updated 4 minutes ago
Update dependency matcher to v5 0 of 1 checklist item completed !10 · created 39 minutes ago by Renovate Bot	  0 updated 4 minutes ago
Update jbangdev/jbang-action Docker tag to v0.112.4 0 of 1 checklist item completed !9 · created 39 minutes ago by Renovate Bot	  0 updated 4 minutes ago
Update dependency node to v18.18.2 0 of 1 checklist item completed !7 · created 39 minutes ago by Renovate Bot	  0 updated 4 minutes ago
Update dependency faucet-pipeline-sass to v1.8.0 0 of 1 checklist item completed !6 · created 39 minutes ago by Renovate Bot	  0 updated 5 minutes ago
Update dependency com.github.eirslett:frontend-maven-plugin to v1.14.2 0 of 1 checklist item completed !5 · created 39 minutes ago by Renovate Bot	  0 updated 5 minutes ago

Update spring boot to v3.0.13 (patch)

 Open Renovate Bot requested to merge [renovate/patch-spring-boot](#) into [main](#) 14 minutes ago

Overview 0 Commits 1 Changes 2

This MR contains the following updates:

Package	Type	Update	Change
org.springframework.boot:spring-boot-dependencies (source)		patch	3.0.10 -> 3.0.13
org.springframework.boot:spring-boot-starter-parent (source)	parent	patch	3.0.10 -> 3.0.13

Release Notes

► [spring-projects/spring-boot](#) (org.springframework.boot:spring-boot-dependencies)

Configuration

 **Schedule:** Branch creation - At any time (no schedule defined), Automerge - At any time (no schedule defined).

 **Automerge:** Disabled by config. Please merge this manually once you are satisfied.

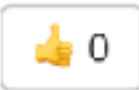
 **Rebasing:** Whenever MR is behind base branch, or you tick the rebase/retry checkbox.

 **Ignore:** Close this MR and you won't be reminded about these updates again.

☐ If you want to rebase/retry this MR, check this box

This MR has been generated by [Renovate Bot](#).

Edited 1 minute ago by Renovate Bot

 0

 0



8  [Approve](#) Approval is optional 



 Ready to merge!

☒ Delete source branch ☐ Squash commits  ☐ Edit commit message

1 commit and 1 merge commit will be added to main.

Ass



0 R

Nor

Lab

Nor

Mil

Nor

Tim

No

2 P



Update spring boot to v3.0.13 (patch)

Open Renovate Bot requested to merge [renovate/patch-spring-boot](#) into [main](#) 14 minutes ago

Overview 0 Commits 1 **Changes 2**

Mark as done

Compare main and latest version

2 files +2 -2

Search (e.g. *.vue) (%P)

bin/generate_database.java +1 -1

pom.xml +1 -1

bin/generate_database.java

+1 -1 ☐ Viewed

1	1	///usr/bin/env jbang "\$0" "\$@" ; exit \$?
2	2	//JAVA 17+
3	3	//JAVA_OPTIONS -Dapple.awt.UIElement=true
4	-	//DEPS org.springframework.boot:spring-boot-dependencies:3.0.10@pom
	4	+ //DEPS org.springframework.boot:spring-boot-dependencies:3.0.13@pom
5	5	//DEPS org.springframework.boot:spring-boot-starter-jdbc
6	6	//DEPS com.h2database:h2
7	7	//DEPS org.json:json:20230227

pom.xml

+1 -1 ☐ Viewed

		@@ -7,7 +7,7 @@
7	7	<parent>
8	8	<groupId>org.springframework.boot</groupId>
9	9	<artifactId>spring-boot-starter-parent</artifactId>
10	-	<version>3.0.10</version>
	10	+ <version>3.0.13</version>
11	11	<relativePath/>
12	12	</parent>
13	13	



SDKMAN!

```
# Enable auto-env through the sdkman_auto_env config
# Add key=value pairs of SDKs to use below
java=17.0.7.7-tem
jbang=0.109.0
maven=3.9.2
```

```
{
  "$schema": "https://docs.renovatebot.com/renovate-schema.json",
  "extends": [
    "config:recommended",
    ":assignee(michael)",
    ":prConcurrentLimitNone",
    ":prHourlyLimitNone",
    ":rebaseStalePrs",
    ":separatePatchReleases"
  ],
  "customManagers": [
    {
      "customType": "regex",
      "fileMatch": [
        "^\\.sdkmanrc$"
      ],
      "matchStrings": [
        "java=(?<currentValue>.*?)\\n"
      ],
      "datasourceTemplate": "java-version",
      "depNameTemplate": "java"
    },
    {
      "customType": "regex",
      "fileMatch": [
        "^\\.sdkmanrc$"
      ],
      "matchStrings": [
        "maven=(?<currentValue>.*?)\\n"
      ],
      "datasourceTemplate": "maven",
    }
  ]
}
```

Update dependency maven to v3.9.5

Edit

Code ▾

⋮

🔗 Open

 Renovate Bot requested to merge `renovate/maven-3.9.x` into `main` 39 minutes ago

Overview 0

Commits 1

Changes 2

Mark as done

Compare `main` and latest version ▾

Search (e.g. *.vue) (⌘P)

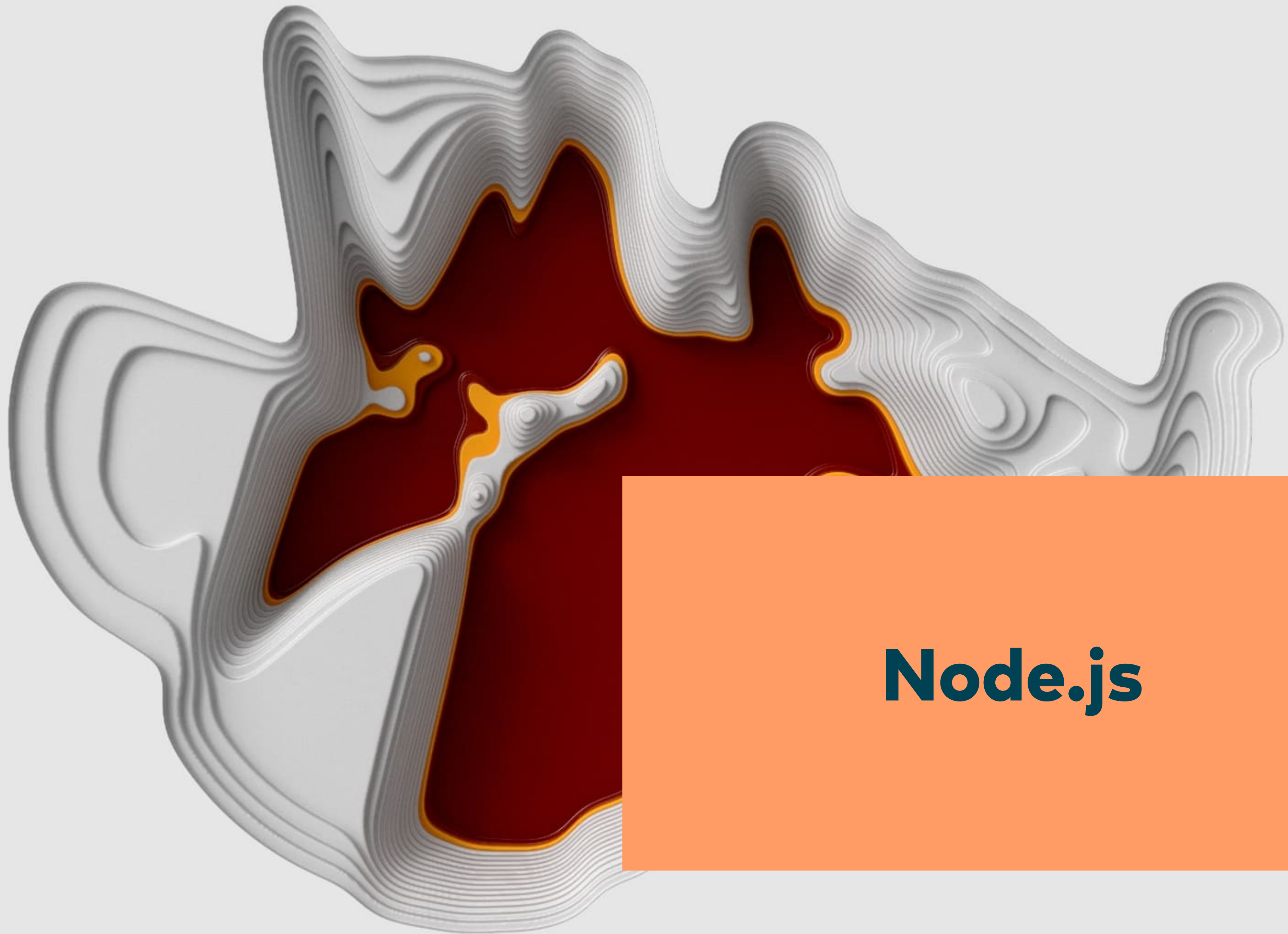
- .mvn/wrapper
- ⚙️ maven-wrap...r.properties +1 -1
- 📄 .sdkmanrc +1 -1

📄 2 files +2 -2

⚙️ ▾

.mvn/wrapper/maven-wrapper.properties			+1 -1	☐ Viewed	⋮
↑		@@ -14,5 +14,5 @@			
14	14	# KIND, either express or implied. See the License for the			
15	15	# specific language governing permissions and limitations			
16	16	# under the License.			
17		- distributionUrl=https://repo.maven.apache.org/maven2/org/apache/maven/apache-maven/3.9.2/apache-maven-3.9.2-bin.zip			
	17	+ distributionUrl=https://repo.maven.apache.org/maven2/org/apache/maven/apache-maven/3.9.5/apache-maven-3.9.5-bin.zip			
18	18	wrapperUrl=https://repo.maven.apache.org/maven2/org/apache/maven/wrapper/maven-wrapper/3.2.0/maven-wrapper-3.2.0.jar			

.sdkmanrc			+1 -1	☐ Viewed	⋮
↑		@@ -2,4 +2,4 @@			
2	2	# Add key=value pairs of SDKs to use below			
3	3	java=17.0.7-tem			
4	4	jbang=0.109.0			
5		- maven=3.9.2			
	5	+ maven=3.9.5			



Node.js

Update dependency node to v18.18.2

 Open **Renovate Bot** requested to merge [renovate/node-18.x](#) into [main](#) 49 minutes ago

Overview 0 Commits 1 **Changes 1**

Mark as done

Compare [main](#) and [latest version](#)

 1 file +1 -1  

nvmrc

+1

-1

Viewed

	-	18.17.0
1	+	18.18.2

```
<plugin>
  <groupId>com.github.eirslett</groupId>
  <artifactId>frontend-maven-plugin</artifactId>
  <version>1.13.4</version>
  <configuration>
    <nodeVersion>v18.17.0</nodeVersion>
    <installDirectory>target</installDirectory>
  </configuration>
  <executions>
    <execution>
      <id>install node and npm</id>
      <goals>
        <goal>install-node-and-npm</goal>
      </goals>
    </execution>
    <execution>
      <id>npm install</id>
      <goals>
        <goal>npm</goal>
      </goals>
      <configuration>
        <arguments>ci</arguments>
      </configuration>
    </execution>
    <execution>
      <id>npm run compile</id>
      <goals>
        <goal>npm</goal>
      </goals>
      <configuration>
        <arguments>run compile</arguments>
```

```
{
  "$schema": "https://docs.renovatebot.com/renovate-schema.json",
  "extends": [
    "config:recommended",
    ":assignee(michael)",
    ":prConcurrentLimitNone",
    ":prHourlyLimitNone",
    ":rebaseStalePrs",
    ":separatePatchReleases"
  ],
  "customManagers": [
    {
      "customType": "regex",
      "fileMatch": [
        "^pom.xml$"
      ],
      "matchStrings": [
        "<nodeVersion>v(?<currentValue>.*)</nodeVersion>"
      ],
      "datasourceTemplate": "github-tags",
      "depNameTemplate": "node",
      "packageNameTemplate": "nodejs/node",
      "versioningTemplate": "node"
    },
    {
      "customType": "regex",
      "fileMatch": [
        "^\\.\\.\\.sdkmanrc$"
      ],
      "matchStrings": [
        "java=(?<currentValue>.*?)\\n"
      ],

```

Update dependency node to v18.18.2

 Open **Renovate Bot** requested to merge `renovate/node-18.x` into `main` 49 minutes ago

Overview 0 Commits 1 **Changes 2**

Mark as done

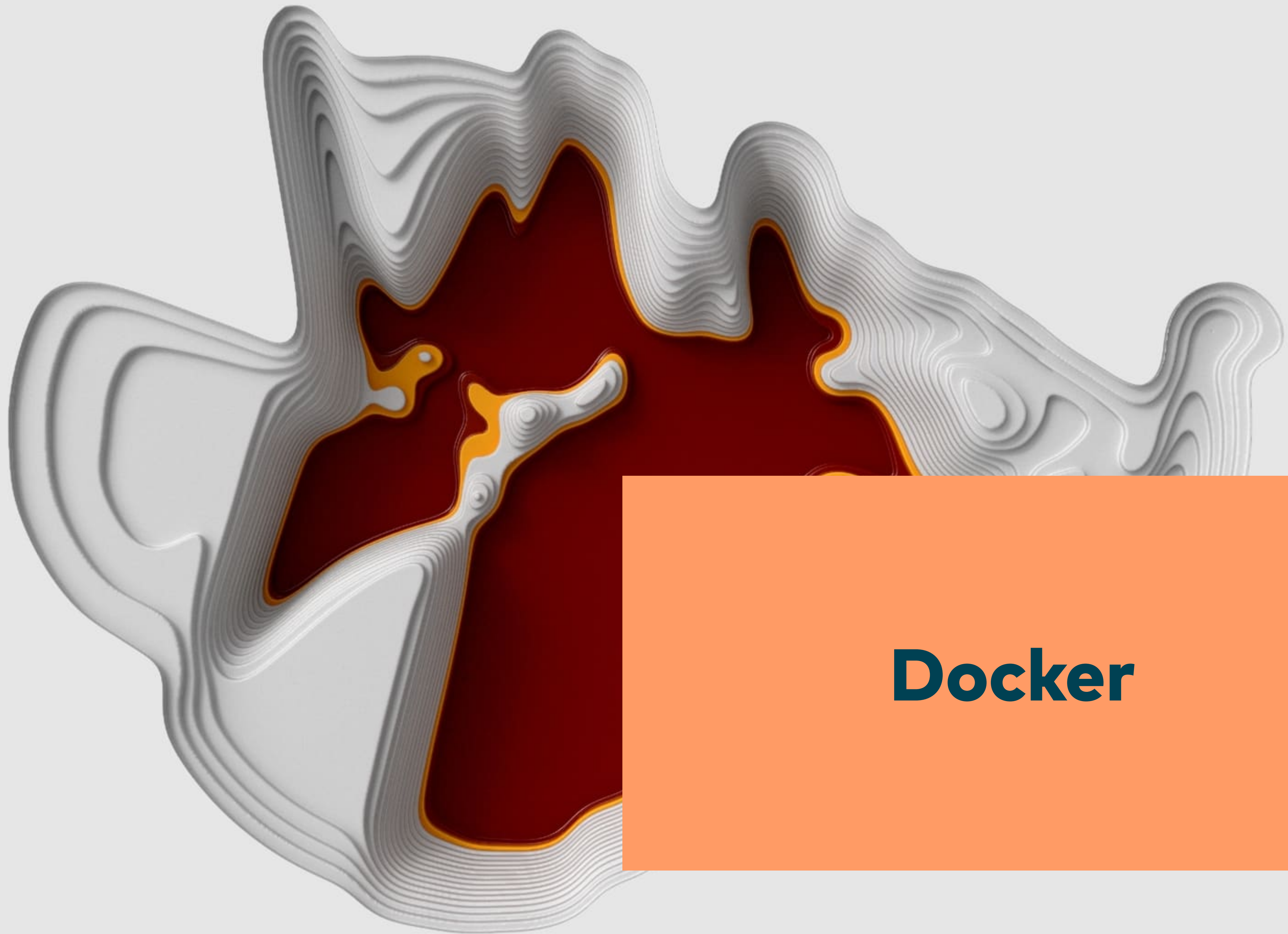
Compare `main` and latest version

2 files +2 -2

Search (e.g. *.vue) (%P)
nvmmrc +1 -1
om.xml +1 -1

nvmmrc		+1 -1	Viewed	
1	-	18.17.0		
1	+	18.18.2		

pom.xml		+1 -1	Viewed	
↑		@@ -94,7 +94,7 @@		
94	94	<artifactId>frontend-maven-plugin</artifactId>		
95	95	<version>1.13.4</version>		
96	96	<configuration>		
97	-	<nodeVersion>v18.17.0</nodeVersion>		
97	+	<nodeVersion>v18.18.2</nodeVersion>		
98	98	<installDirectory>target</installDirectory>		
99	99	</configuration>		
100	100	<executions>		
↓				



Docker

```
FROM alpine:3.18.2
SHELL ["/bin/sh", "-euo", "pipefail", "-c"]
```

```
RUN apk --no-cache add --update \
    bash \
    docker-cli \
    httpie
```

```
$ hadolint Dockerfile.release
Dockerfile.release:13 DL3018 warning: Pin versions in apk add. Instead of `apk add <package>` use `apk add <package>=<version>`
```

```
FROM alpine:3.18.2
SHELL ["/bin/sh", "-euo", "pipefail", "-c"]
```

```
ENV APK_BASH_VERSION="5.2.15-r5"
```

```
ENV APK_DOCKER_CLI_VERSION="23.0.6-r4"
```

```
ENV APK_HTTPIE_VERSION="3.2.1-r4"
```

```
RUN apk --no-cache add --update \
    bash="${APK_BASH_VERSION}" \
    docker-cli="${APK_DOCKER_CLI_VERSION}" \
    httpie="${APK_HTTPIE_VERSION}"
```

```
FROM alpine:3.18.2
SHELL ["/bin/sh", "-euo", "pipefail", "-c"]

# renovate: datasource=repology depName=alpine_3_18/bash versioning=loose
ENV APK_BASH_VERSION="5.2.15-r5"

# renovate: datasource=repology depName=alpine_3_18/docker-cli versioning=loose
ENV APK_DOCKER_CLI_VERSION="23.0.6-r4"

# renovate: datasource=repology depName=alpine_3_18/httpie versioning=loose
ENV APK_HTTPIE_VERSION="3.2.1-r4"

RUN apk --no-cache add --update \
    bash="${APK_BASH_VERSION}" \
    docker-cli="${APK_DOCKER_CLI_VERSION}" \
    httpie="${APK_HTTPIE_VERSION}"
```

```
{
"$schema": "https://docs.renovatebot.com/renovate-schema.json",
"extends": [
  "config:recommended",
  ":assignee(michael)",
  ":prConcurrentLimitNone",
  ":prHourlyLimitNone",
  ":rebaseStalePrs",
  ":separatePatchReleases"
],
"customManagers": [
{
  "customType": "regex",
  "fileMatch": [
    "^Dockerfile$",
    "^Dockerfile\\.\\.\\.([^/]+)$"
  ],
  "matchStrings": [
    "#\\s*renovate:\\s*datasource=(?<datasource>.*) depName=(?<depName>.*)( versioning=(?<versioning>.*)"
  ],
  "versioningTemplate": "{{#if versioning}}{{{versioning}}}{else}semver{/if}"
},
{
  "customType": "regex",
  "fileMatch": [
    "^pom.xml$"
  ],
  "matchStrings": [
    "<nodeVersion>v(?<currentValue>.*)</nodeVersion>"
  ],
  "datasourceTemplate": "github-tags"
}
]
```

```
{
  "$schema": "https://docs.renovatebot.com/renovate-schema.json",
  "extends": [
    "config:recommended",
    ":assignee(michael)",
    ":prConcurrentLimitNone",
    ":prHourlyLimitNone",
    ":rebaseStalePrs",
    ":separatePatchReleases",
    "regexManagers:dockerfileVersions"
  ],
  "customManagers": [
    {
      "customType": "regex",
      "fileMatch": [
        "^pom.xml$"
      ],
      "matchStrings": [
        "<nodeVersion>v(?<currentValue>.*)</nodeVersion>"
      ],
      "datasourceTemplate": "github-tags",
      "depNameTemplate": "node",
      "packageNameTemplate": "nodejs/node",
      "versioningTemplate": "node"
    },
    {
      "customType": "regex",
      "fileMatch": [
        "^\\.\\.\\.sdkmanrc$"
      ],
      "matchStrings": [
```

Update dependency alpine_3_18/docker-cli to v23.0.6-r7

Edit Code ⋮

Open Renovate Bot requested to merge [renovate/alpine_3_18-docke...](#) into [main](#) 1 minute ago

Overview 0 Commits 1 **Changes 1**

Mark as done

Compare [main](#) and [latest version](#)

dockerfile.release

+1-1

@@ -5,7 +5,7 @@ SHELL ["/bin/sh", "-euo", "pipefail", "-c"]

5 ENV APK_BASH_VERSION="5.2.15-r5"

6

7 # renovate: datasource=repology depName=alpine_3_18/docker-cli versioning=loose

- ENV APK_DOCKER_CLI_VERSION="23.0.6-r4"

8 + ENV APK_DOCKER_CLI_VERSION="23.0.6-r7"

9

10 # renovate: datasource=repology depName=alpine_3_18/httpie versioning=loose

11 ENV APK_HTTPIE_VERSION="3.2.1-r4"

```
{
  "$schema": "https://docs.renovatebot.com/renovate-schema.json",
  "extends": [
    "config:recommended",
    ":assignee(michael)",
    ":prConcurrentLimitNone",
    ":prHourlyLimitNone",
    ":rebaseStalePrs",
    ":separatePatchReleases",
    "regexManagers:dockfileVersions",
    "docker:pinDigests"
  ],
  "customManagers": [
    {
      "customType": "regex",
      "fileMatch": [
        "^pom.xml$"
      ],
      "matchStrings": [
        "<nodeVersion>v(?<currentValue>.*)</nodeVersion>"
      ],
      "datasourceTemplate": "github-tags",
      "depNameTemplate": "node",
      "packageNameTemplate": "nodejs/node",
      "versioningTemplate": "node"
    },
    {
      "customType": "regex",
      "fileMatch": [
        "^\\.\\.sdkmanrc$"
      ],

```

Pin dependencies

Edit

Code ▾

⋮

🔗 Open

Renovate Bot requested to merge [renovate/pin-dependencies](#) into [main](#) 1 minute ago

Overview 0

Commits 1

Changes 2

Mark as done

Compare [main](#) ▾ and [latest version](#) ▾

2 files

Search (e.g. *.vue) (⌘P)

- [.gitlab-ci.yml](#) +1 -1
- [Dockerfile.release](#) +1 -1

⌵ .gitlab-ci.yml

↑

@@ -10,7 +10,7 @@ test-and-package-app:

10 10 generate-database:

11 11 stage: test-and-package

12 12 image:

13 - name: jbangdev/jbang-action:0.109.0

13 + name: jbangdev/jbang-action:0.109.0@sha256:f9c8640c4589b031c338d029c3e4cbe5c090a774be2711d6f203f5e0445cade7

14 14 entrypoint: [""]

15 15 variables:

16 16 JBANG_CACHE_DIR: "\${CI_PROJECT_DIR}/.jbang"

⌵

⌵ Dockerfile.release

1 - FROM alpine:3.18.2

1 + FROM alpine:3.18.2@sha256:82d1e9d7ed48a7523bdebc18cf6290bdb97b82302a8a9c27d4fe885949ea94d1

2 2 SHELL ["/bin/sh", "-euv", "pipefail", "-c"]

3 3

4 4 # renovate: datasource=repology depName=alpine_3_18/bash versioning=loose

⌵

```
{
  "$schema": "https://docs.renovatebot.com/renovate-schema.json",
  "extends": [
    "config:recommended",
    ":assignee(michael)",
    ":prConcurrentLimitNone",
    ":prHourlyLimitNone",
    ":rebaseStalePrs",
    ":separatePatchReleases",
    "regexManagers:dockfileVersions",
    "docker:pinDigests",
    "default:automergeDigest"
  ],
  "customManagers": [
    {
      "customType": "regex",
      "fileMatch": [
        "^pom.xml$"
      ],
      "matchStrings": [
        "<nodeVersion>v(?<currentValue>.*)</nodeVersion>"
      ],
      "datasourceTemplate": "github-tags",
      "depNameTemplate": "node",
      "packageNameTemplate": "nodejs/node",
      "versioningTemplate": "node"
    },
    {
      "customType": "regex",
      "fileMatch": [
        "^\\.\\.\\.sdkmanrc$"
      ],
      "matchStrings": [
        "node(\\s+|\\s+version)=\"(?<currentValue>v[0-9]+\\.x-rc[0-9]+)\""
      ],
      "datasourceTemplate": "github-tags",
      "depNameTemplate": "node",
      "packageNameTemplate": "nodejs/node",
      "versioningTemplate": "node"
    }
  ]
}
```

Update eclipse-temurin:17.0.8_7-jdk-alpine Docker digest to 039f727

 Merged Renovate Bot requested to merge [renovate/eclipse-temurin-1...](#) into [main](#) 10 minutes ago

Overview 0 Commits 1 Changes 1

This MR contains the following updates:

Package	Type	Update	Change
eclipse-temurin	final	digest	654d5f2 -> 039f727
eclipse-temurin	stage	digest	654d5f2 -> 039f727

Configuration

 **Schedule:** Branch creation - At any time (no schedule defined), Automerge - At any time (no schedule defined).

 **Automerge:** Enabled.

 **Rebasing:** Whenever MR is behind base branch, or you tick the rebase/retry checkbox.

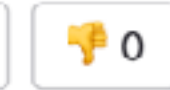
 **Ignore:** Close this MR and you won't be reminded about these updates again.

☐ If you want to rebase/retry this MR, check this box

This MR has been generated by [Renovate Bot](#).

Edited just now by Renovate Bot

 0

 0



8✓ Approval is optional

^

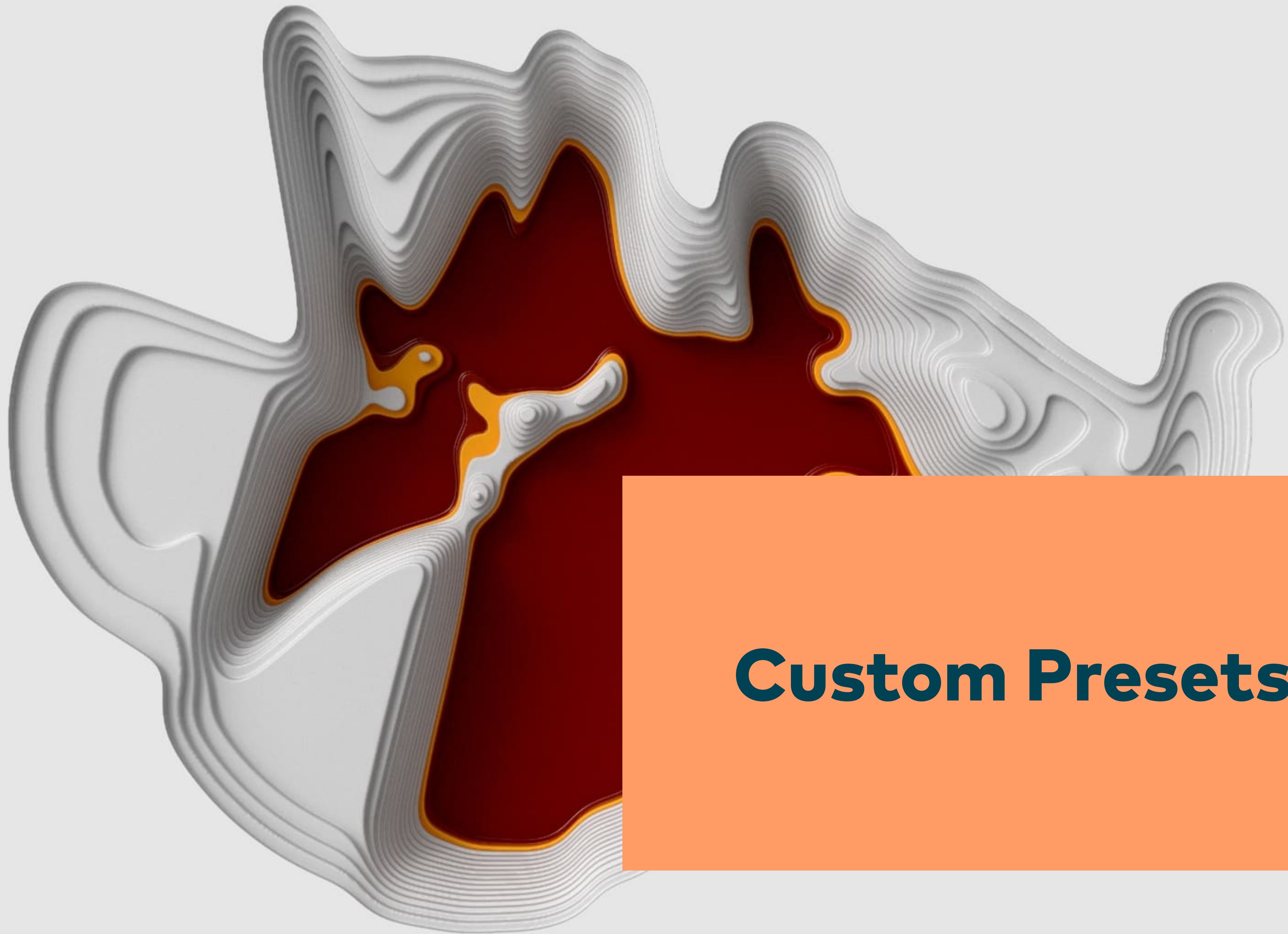
 Merged by  [Renovate Bot](#) just now

RevertCherry-pick

Merge details

- Changes merged into [main](#) with [f1ce1325](#).
- Deleted the source branch.

Activity



Custom Presets

```
{
  "$schema": "https://docs.renovatebot.com/renovate-schema.json",
  "extends": [
    "local>innoq/renovate//presets/java",
    ":assignee(michael)",
    ":separatePatchReleases",
    "default:automergeDigest"
  ],
  "customManagers": [
    {
      "customType": "regex",
      "fileMatch": [
        "^pom.xml$"
      ],
      "matchStrings": [
        "<nodeVersion>v(?<currentValue>.*)</nodeVersion>"
      ],
      "datasourceTemplate": "github-tags",
      "depNameTemplate": "node",
      "packageNameTemplate": "nodejs/node",
      "versioningTemplate": "node"
    },
    {
      "customType": "regex",
      "fileMatch": [
        "^bin/.*\\.java$"
      ],
      "matchStrings": [
        "//DEPS (?<depName>.*?:.*?):(?<currentValue>[^@\\n]*)(@pom)?"
      ],
      "datasourceTemplate": "maven"
    }
  ]
}
```

main ▾

renovate / presets /

+ ▾

History

Find file

Edit ▾

📄 ▾

Clone ▾

Name	Last commit	Last update
..		
 default-legacy.json	Use builtin best practices configuration as base	1 month ago
 default.json	Enhance default and java presets	1 month ago
 go-app.json	Add more fine grained go presets	1 month ago
 go-lib.json	Add more fine grained go presets	1 month ago
 go.json	Add preset for golang	1 year ago
 java.json	Enhance default and java presets	1 month ago
 js-app.json	Add presets for js apps and libs	1 month ago
 js-lib.json	Add presets for js apps and libs	1 month ago
 js.json	Add presets for js apps and libs	1 month ago

How many dependencies?

Detected dependencies

▼ dockerfile

▼ Dockerfile

- eclipse-temurin 17.0.8_7-jdk-alpine@sha256:654d5f241f646e1314e1042343acc7d0247449421038489c3aca62576e2911e2
- eclipse-temurin 17.0.8_7-jdk-alpine@sha256:654d5f241f646e1314e1042343acc7d0247449421038489c3aca62576e2911e2

▼ Dockerfile.release

- alpine 3.18.2

▼ gitlabci

▼ .gitlab-ci.yml

- eclipse-temurin 17.0.8_7-jdk@sha256:3f09aa5df1b3f44bbcc341384b23d81281cb448ac3c6f25656ff99bcc9534263
- jbangdev/jbang-action 0.109.0

▼ maven

▼ pom.xml

- org.springframework.boot:spring-boot-starter-parent 3.0.10
- com.github.eirslett:frontend-maven-plugin 1.13.4

▼ maven-wrapper

▼ .mvn/wrapper/maven-wrapper.properties

- maven 3.9.2
- maven-wrapper 3.2.0

▼ npm

▼ package.json

- innoc-bootstrap-theme ^2.1.0
- faucet-pipeline-core ^2.0.0
- faucet-pipeline-sass ^1.7.0
- faucet-pipeline-static ^2.1.0
- matcher ^4.0.0

▼ nvm

▼ .nvmrc

- node 18.17.0

▼ regex

▼ Dockerfile.release

- alpine_3_18/bash 5.2.15-r5
- alpine_3_10/docker-cli 23.0.5-r4
- alpine_3_18/httpie 3.2.1-r4

▼ pom.xml

- node 18.17.0

▼ .sdkmanrc

- java 17.0.7-tem

▼ .sdkmanrc

- maven 3.9.2

▼ bin/generate_database.java

- org.springframework.boot:spring-boot-dependencies 3.0.10
- org.json:json 20230227



Self-hosting

All5ActiveInactive						New schedule
Description	Target	Last Pipeline	Next Run	Owner		
Weekend Morning/Evening	 main	 Passed	in 1 day			 
Weekday Night	 main	 Passed	in 9 hours			 
Weekday Morning/Evening	 main	 Passed	in 5 hours			 
Weekend Day	 main	 Passed	in 1 day			 
Weekday Day	 main	 Passed	Inactive			 

```
stages:
  - renovate

renovate:
  stage: renovate
  image: renovate/renovate:37.65.2@sha256:a437bb582820e165f848d3c92308f65edd614b29272fd5011d333084cf44b8da
  rules:
    - if: '$CI_PIPELINE_SOURCE == "schedule"'
  script:
    - renovate
  cache:
    key: ${CI_COMMIT_REF_SLUG}-renovate
    paths:
      - renovate/cache/renovate/repository/
```

```
module.exports = {
  platform: 'gitlab',
  endpoint: process.env.CI_API_V4_URL,
  autodiscover: true,
  dryRun: null,
  gitAuthor: 'Renovate Bot <renovate@example.com>',
  onboardingConfig: {
    '$schema': 'https://docs.renovatebot.com/renovate-schema.json',
    extends: [
      'local>innoq/renovate//presets/default',
    ],
  },
  baseDir: `${process.env.CI_PROJECT_DIR}/renovate`,
  optimizeForDisabled: true,
  repositoryCache: 'enabled',
  registryAliases: {
    '$CI_REGISTRY': process.env.CI_REGISTRY,
  },
  hostRules: [
    {
      hostType: 'docker',
      matchHost: 'https://index.docker.io',
      username: 'someusername',
      password: process.env.DOCKERHUB_TOKEN,
    },
    {
      matchHost: `https://${process.env.CI_REGISTRY}`,
      username: 'someusername',
      password: process.env.RENOVATE_TOKEN,
    },
    {
      hostType: 'maven',
      matchHost: process.env.CI_API_V4_URL,
      token: process.env.RENOVATE_TOKEN,
    },
  ],
}
```

CI/CD Variables <code></></code> 4			Reveal values	Add variable
↑ Key	Value	Environments	Actions	
DOCKERHUB_TOKEN  ProtectedMaskedExpanded	***** 	All (default) 		
GITHUB_COM_TOKEN  ProtectedMaskedExpanded	***** 	All (default) 		
RENOVATE_GIT_PRIVATE_KEY  ProtectedExpanded	***** 	All (default) 		
RENOVATE_TOKEN  ProtectedMaskedExpanded	***** 	All (default) 		

```
{
  "$schema" : "https://docs.renovatebot.com/renovate-schema.json",
  "extends" : [
    "local>innoq/renovate//presets/default",
    "default:automergeDigest",
  ],
  "assignees": ["michael"],
  "dependencyDashboardLabels": ["Update"],
  "labels": ["Update"],
  "ignoreTests": true,
  "packageRules": [
    {
      "matchDatasources": ["docker"],
      "matchPackageNames": ["renovate/renovate"],
      "matchUpdateTypes": ["minor", "patch"],
      "automerge": true
    }
  ]
}
```

More



Article in German:

<https://www.innoq.com/de/articles/2024/01/renovate/>



Recorded previous version of talk in English:

<https://www.youtube.com/watch?v=q43LmW1b2O0>

Thanks! Questions?



Michael Vitz

Mail michael.vitz@innoq.com
X [@michaelvitz](https://twitter.com/michaelvitz)
Mastodon [@michaelvitz@innoq.social](https://mastodon.social/@michaelvitz)
LinkedIn [michaelvitz](https://www.linkedin.com/in/michaelvitz)
Bluesky [@michaelvitz.bsky.social](https://bsky.social/@michaelvitz)



<https://www.innoq.com/de/talks/2024/04/renovate-javaland-2024/>

innoQ Deutschland GmbH

Krischerstr. 100
40789 Monheim
+49 2173 3366-0

Ohlauer Str. 43
10999 Berlin

Ludwigstr. 180E
63067 Offenbach

Kreuzstr. 16
80331 München

Wendenstraße 130
20537 Hamburg

Spichernstraße 44
50672 Köln