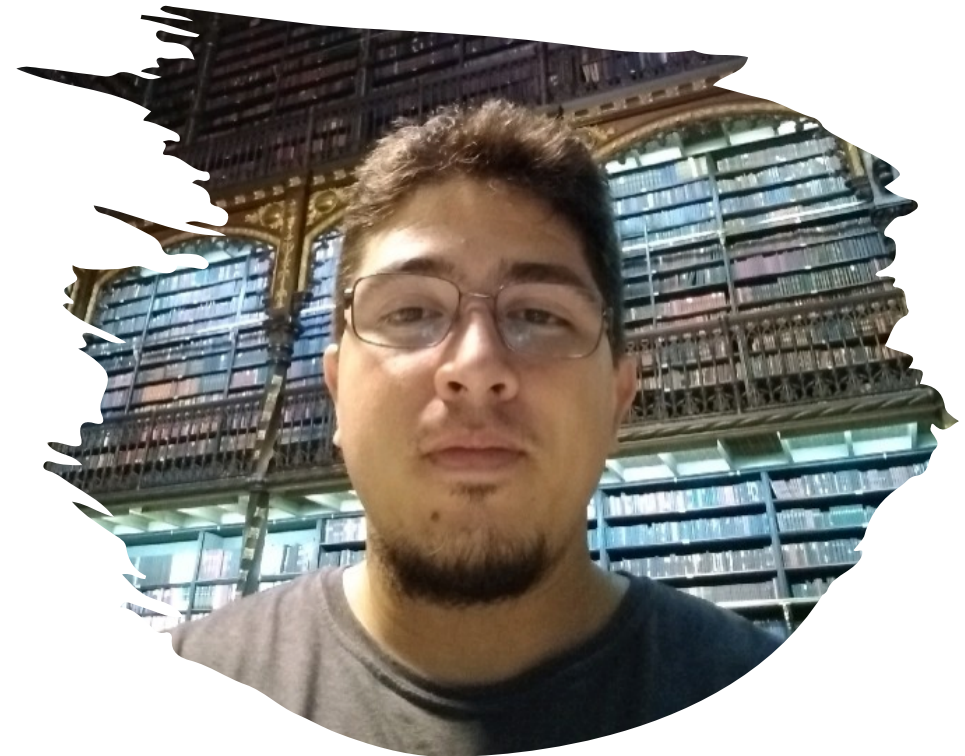




*Desenvolvimento e entregas de  
qualidade com gitlab CI e Spring boot*

# *Who Am I?*

- Achilles Luciano
- Analista de Desenvolvimento e Qualidade de software
- Mestre em Ciência da Computação UFCG
- Areiense -PB
- Motociclista nas horas vagas



# *Sobre o que é esta apresentação*

Continuous  
Integration e  
Deployment

Gitlab e Gitlab CI

Projeto Spring

Docker Images

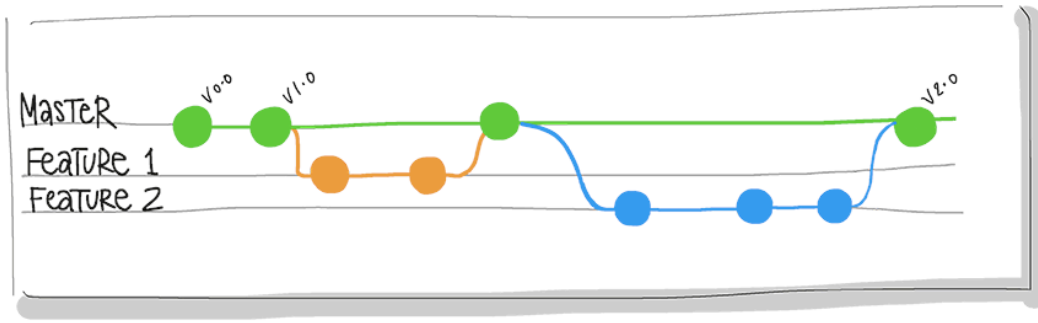
Build, Test e Deploy

Gitflow

**Compartilhamento!**

*Sobre o que NÃO é esta apresentação!*













## *Continuous Integration vs Continuous Deployment*



GitLab


# GitLab


 **GitLab** Projects ▾ Groups ▾ More ▾ 

Search or jump to...      

S

Spring-demo-bdd-store

 Project overview

 **Repository**

**Files**

Commits

Branches


Tags


Contributors


Graph

Compare

Charts

 Issues 0

 Merge Requests 0


 CI / CD

Achiles Luciano > Spring-demo-bdd-store > **Repository**


master ▾

spring-demo-bdd-store / + ▾


History



 Find file










Web IDE

 ▾

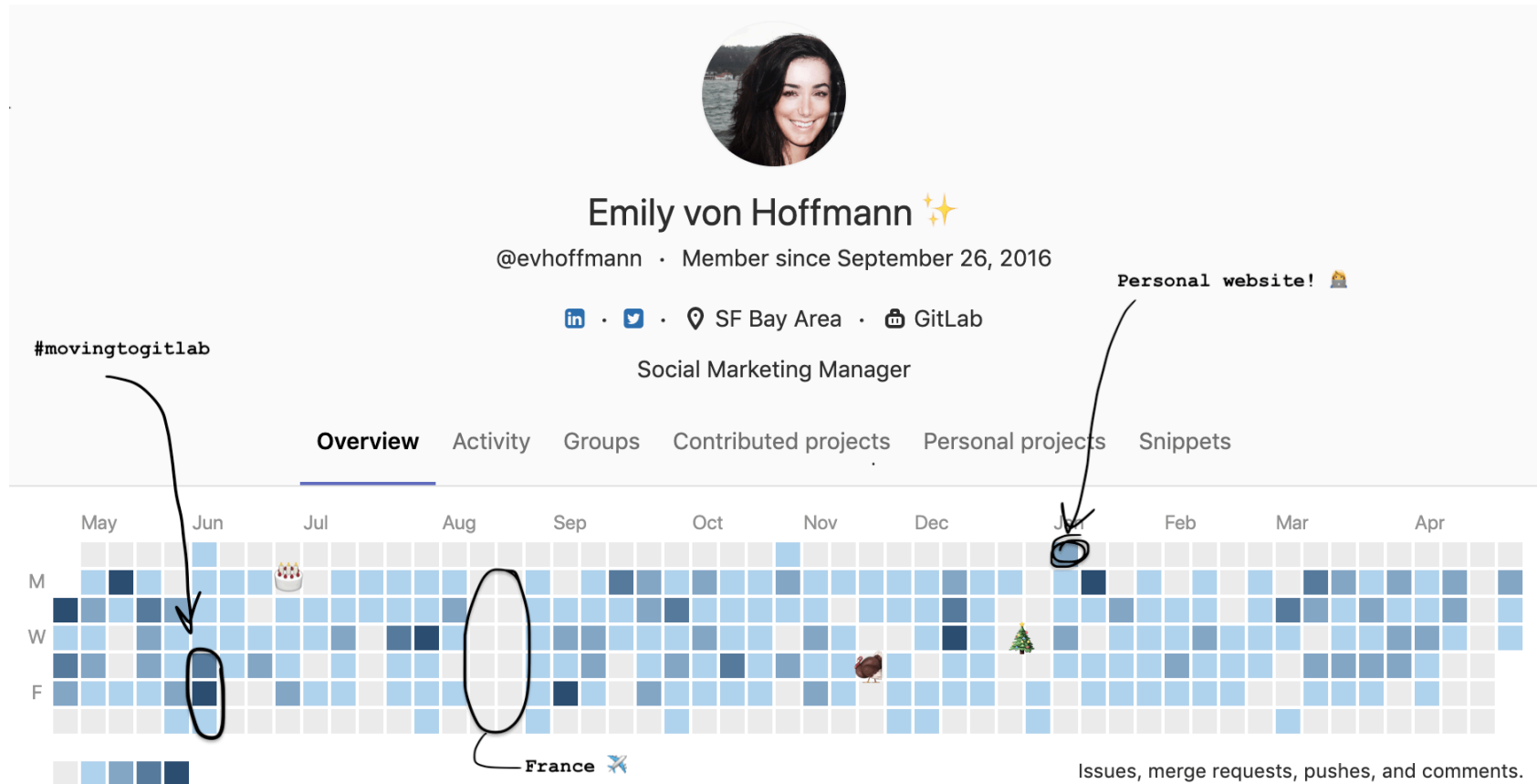
Clone ▾

 **corrigindo stages**  
Achiles Luciano authored 2 hours ago

 33319993 

Name	Last commit	Last update
 .mvn/wrapper	first commit	6 months ago
 cucumber-results	bdd part	6 months ago
 src	sonar	4 hours ago
 .DS_Store	Initial commit	1 day ago
 .gitignore	first commit	6 months ago
 .gitlab-ci.yml	corrigindo stages	2 hours ago
 Dockerfile	add docker file and ci	1 day ago
 README.md	first commit	6 months ago
 mvnw	first commit	6 months ago

# Gitlab





# Gitlab

Development

Search or filter results...

View scope

In dev

80 174

Read git data via gitaly

In dev Plan backend

Work for the Plan team. Covers Issues, Labels, Milestones, Boards, and more. See <https://about.gitlab.com/handbook/product/categories/>. Ping @victorwu for questions and comments.

Product vision 2018 UX ready backend

code review devops:create direction

feature proposal frontend merge requests

gitlab-org/gitlab-ce#18008 5

Multiple blocking merge request approval rules

Create Deliverable GitLab Premium In dev

P1 UX approvals backend customer

customer+ devops:create direction

feature proposal frontend merge requests

In review

34 95

``ExpireBuildArtifactsWorker` is broken`

In review P3 S3 Verify database

devops:verify missed-deliverable performance

gitlab-org/gitlab-ce#41057

Ensure that all CI/CD queries take less than 15 seconds to complete

Accepting merge requests In review Stretch

Verify database devops:verify meta

missed-deliverable performance

gitlab-org/gitlab-ce#40524

Further improvements to Project overview UI

Deliverable In review Manage P2

UX ready devops:manage direction frontend

missed-deliverable missed:11.5 project

release post item

Closed

47352 19838

include brand ai styles

To Do

gitlab-org/design.gitlab.com#5

static page example

To Do

gitlab-org/design.gitlab.com#4

welcome page

To Do







































gitlab-org/design.gitlab.com#3

add some real components

To Do

gitlab-org/design.gitlab.com#2

# Gitlab-CI

Pipelines Jobs Environments Cycle Analytics					
All 16831		Running 1	Branches	Tags	
				Run pipeline	CI Lint
Status	Pipeline	Commit	Stages		
	#6453892 by  latest	 <a href="#">3df39dd6</a>  add data durability to Alex	 	  	
	#6453883 by  latest	 <a href="#">d0f228af</a>  Filled in content	 	 00:08:15  4 minutes ago	 
	#6453817 by  latest	 <a href="#">06a01e18</a>  De Wet Geo Expert	 	 00:08:50  8 minutes ago	 
	#6453004 by  latest	 <a href="#">0c7954e5</a>  Update index.html.md	 	 00:08:33  59 minutes ago	

# *Como funciona*

- Precisamos de um projeto
  - <https://gitlab.com/achilespcl/spring-demo-bdd-store>
- Precisamos de um arquivo .gitlab-ci.yml

```
build:  
  script:  
    - ls
```



**THE  
END**

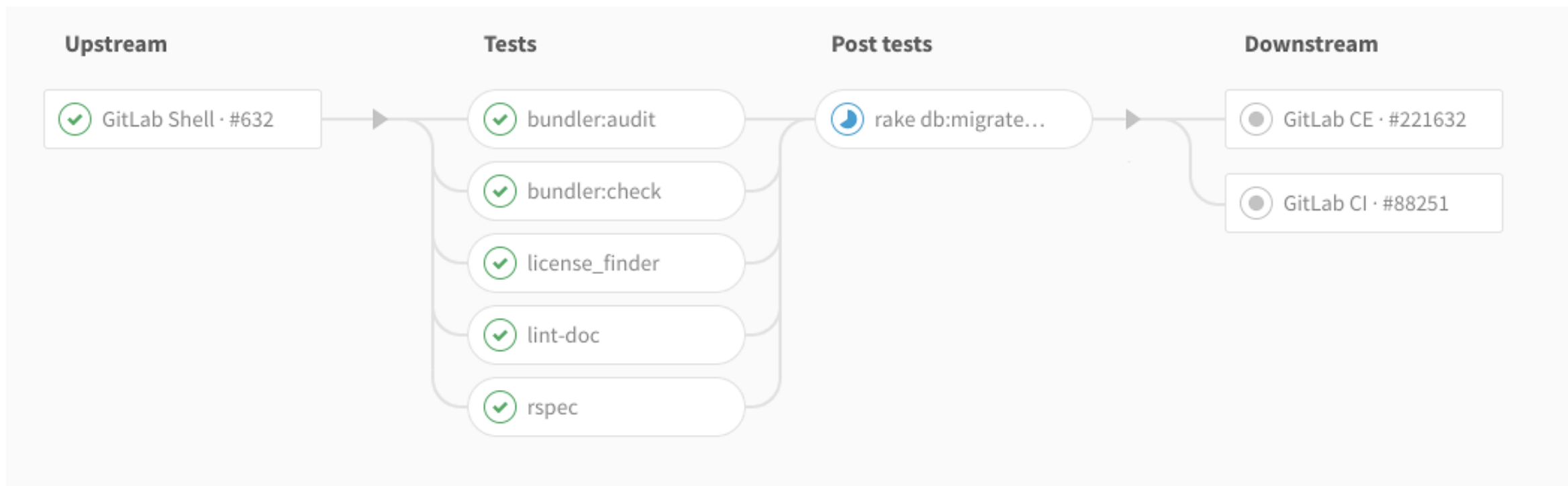


# *.gitlab-ci.yml*

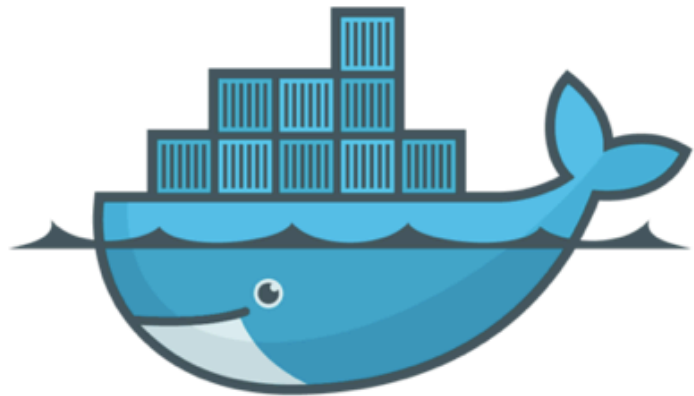
- Pipelines
- Jobs
- Script
- Stage

```
build:  
  script:  
    - ls
```

# *Jobs e Stages*



*Images*



docker





# *Nossos Jobs*

- Maven Build

```
maven-build:  
  image: maven:3-jdk-8  
  stage: build  
  script: "mvn clean install -DskipTests"  
  artifacts:  
    paths:  
      - target/*.jar
```

# Nossos Jobs

- Sonar

```
sonarqube:  
  stage: test  
  image:  
    name: sonarsource/sonar-scanner-cli:latest  
    entrypoint: [""]  
  variables:  
    SONAR_TOKEN: "$SONAR_TOKEN"  
    SONAR_HOST_URL: "$SONAR_URL"  
    GIT_DEPTH: 0  
  script:  
    - sonar-scanner  
  allow_failure: true
```

# Nossos Jobs

- Sonar

```
sonarqube:  
  stage: test  
  image:  
    name: sonarsource/sonar-scanner-cli:latest  
    entrypoint: [""]  
  variables:  
    SONAR_TOKEN: "$SONAR_TOKEN"  
    SONAR_HOST_URL: "$SONAR_URL"  
    GIT_DEPTH: 0  
  script:  
    - sonar-scanner  
  allow_failure: true
```

# Nossos Jobs

- Deploy

`docker_build:`

`image: docker:19.03.1`

`stage: deploy`

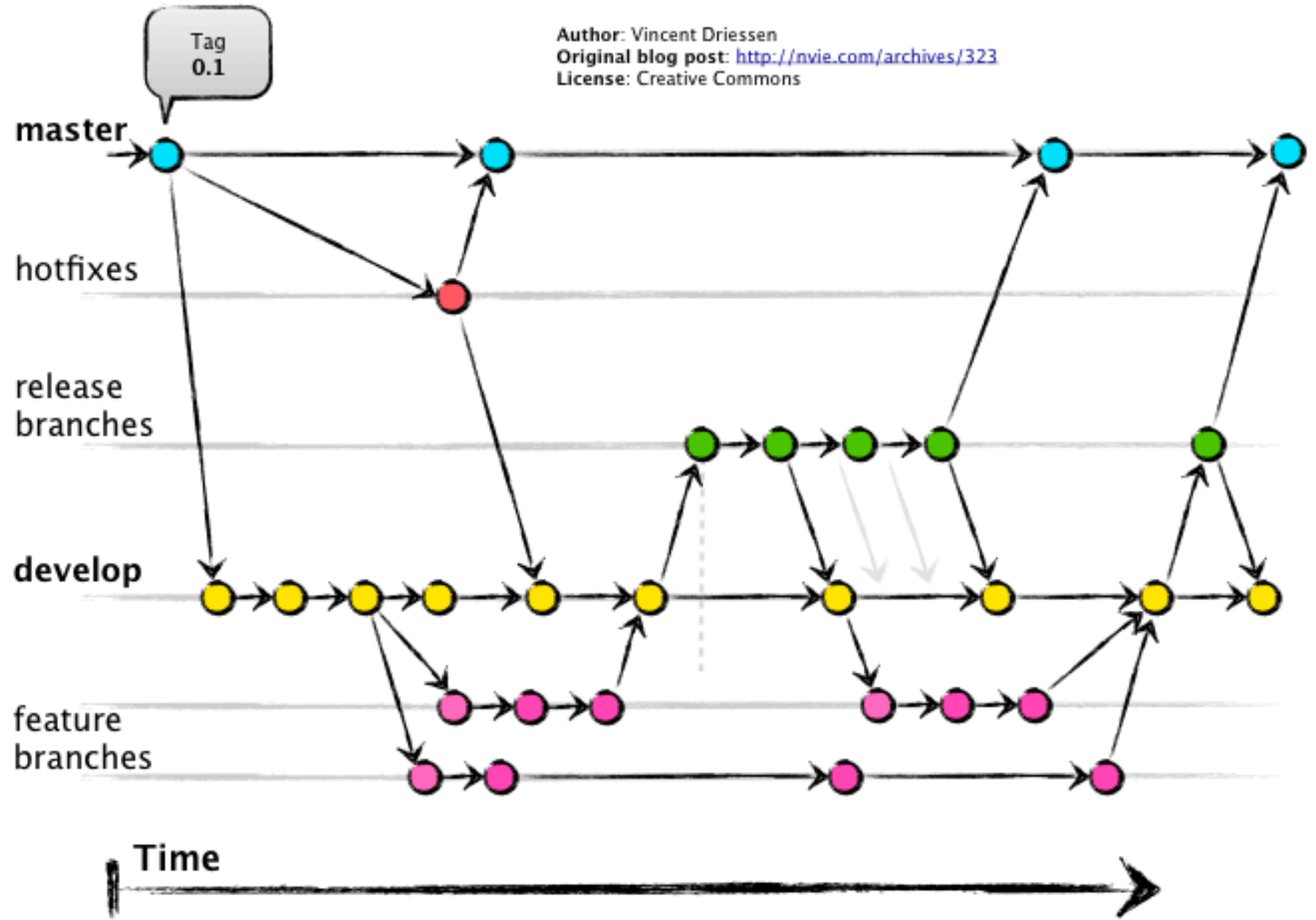
`services:`

- `docker:19.03.1-dind`

`script:`

- `docker login -u $CI_REGISTRY_USER -p $CI_REGISTRY_PASSWORD $CI_REGISTRY`
- `docker build -t $CI_REGISTRY/achilespcl/spring-demo-bdd-store/image:latest .`
- `docker push $CI_REGISTRY/achilespcl/spring-demo-bdd-store/image:latest`

# GitFlow



# GitFlow

```
sonarqube:  
  stage: test  
  image:  
    name: sonarsource/sonar-scanner-cli:latest  
    entrypoint: [""]  
  variables:  
    SONAR_TOKEN: "$SONAR_TOKEN"  
    SONAR_HOST_URL: "$SONAR_URL"  
    GIT_DEPTH: 0  
  script:  
    - sonar-scanner  
  allow_failure: true  
  only:  
    - master  
    - develop
```

