



# Java DevCamp 2023

Girls edition



# Agenda Workshop #1



Intro – Meet the team



Adobe



What we're building



Setup Prerequisites



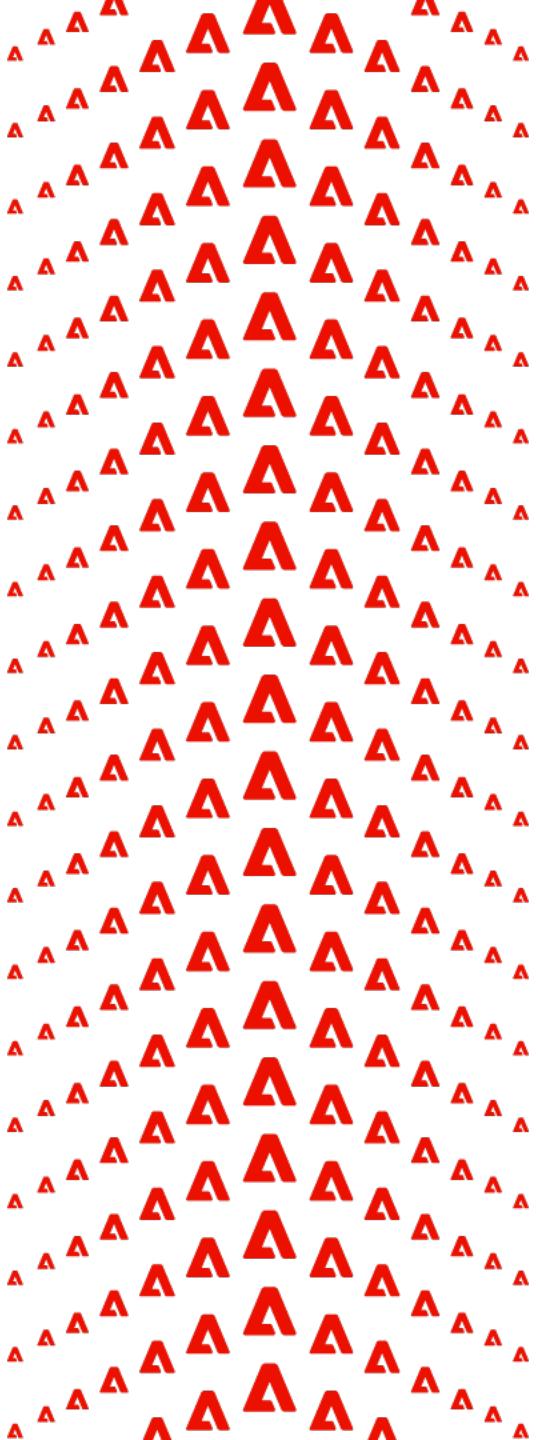
Git



Maven

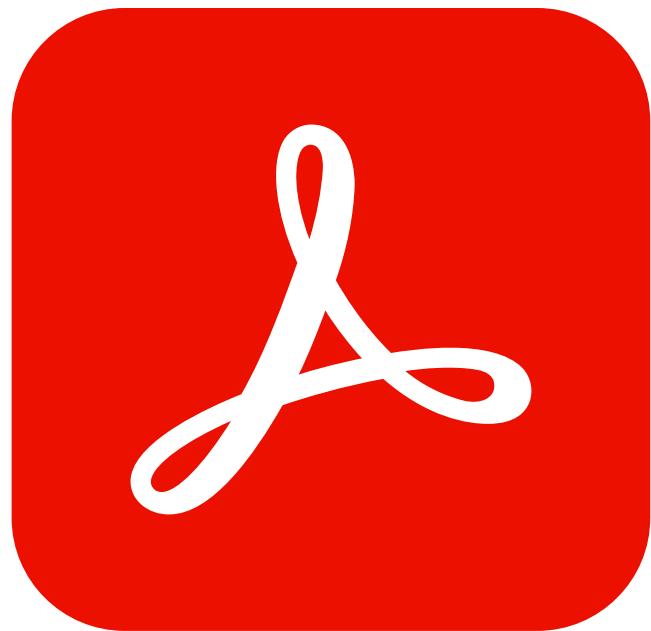


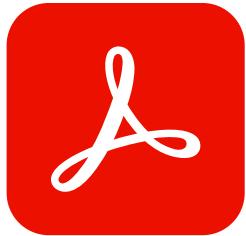
Docker



**Meet  
the team**







## Document Cloud

Focus on digital document creation and management



**Adobe Scan**



**Adobe Acrobat**



## Creative Cloud

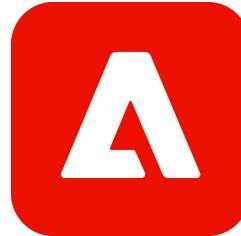
Adobe's hub for creative tools and services



**Adobe Illustrator**



**Adobe Photoshop**



## Experience Cloud

Drives engaging and personalized digital interactions



**Adobe Experience Platform**



**Adobe Target**



**Adobe Analytics**

# Adobe Open Internships

- Java Software Engineer
- C++ Software Engineer
- Python Software Engineer
- JavaScript Software Engineer
- Machine Learning Engineer
- Program Management



# Advertising Campaign Management App flow

## Advertiser

= brand/app who want to promote a product  
- the one who pays the money to get his advertisements shown

## Campaign

= strategy that is carried out across different mediums in order to both achieve results and to increase brand awareness, sales and communication within a specific market

## Publisher

= digital space to display the campaign  
- the one who gets the money for showing the ads on his site

e.g. Zara

name: Holiday Campaign  
time: 1st - 31st december  
target: Females interested in fashion with age between 18 & 30

Fashion Days



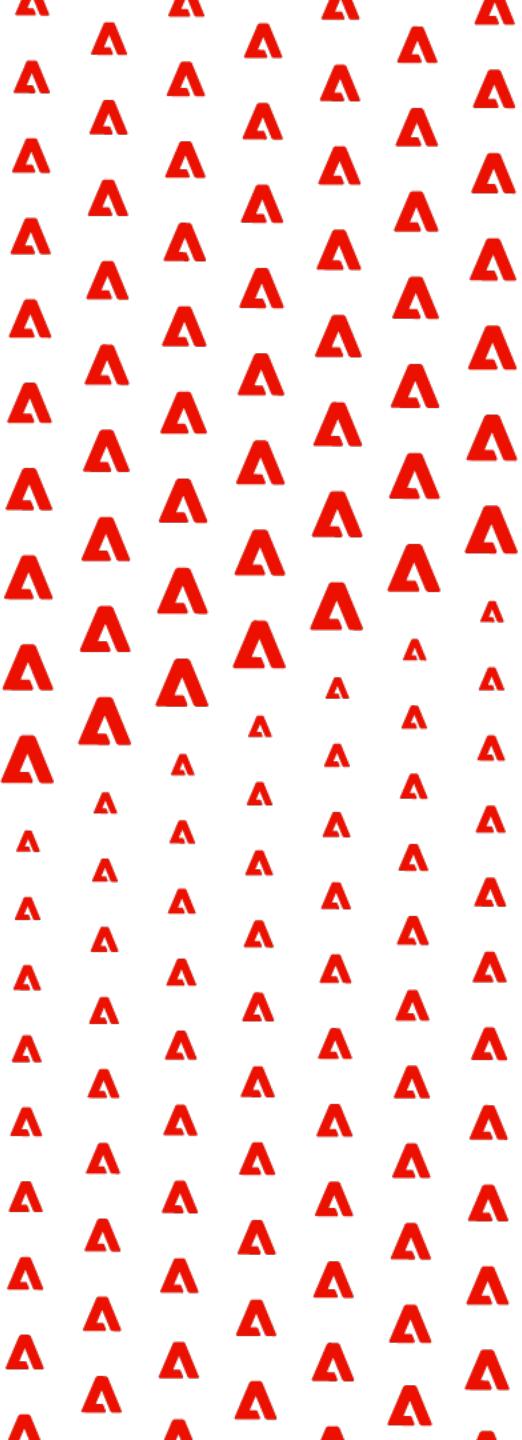
User

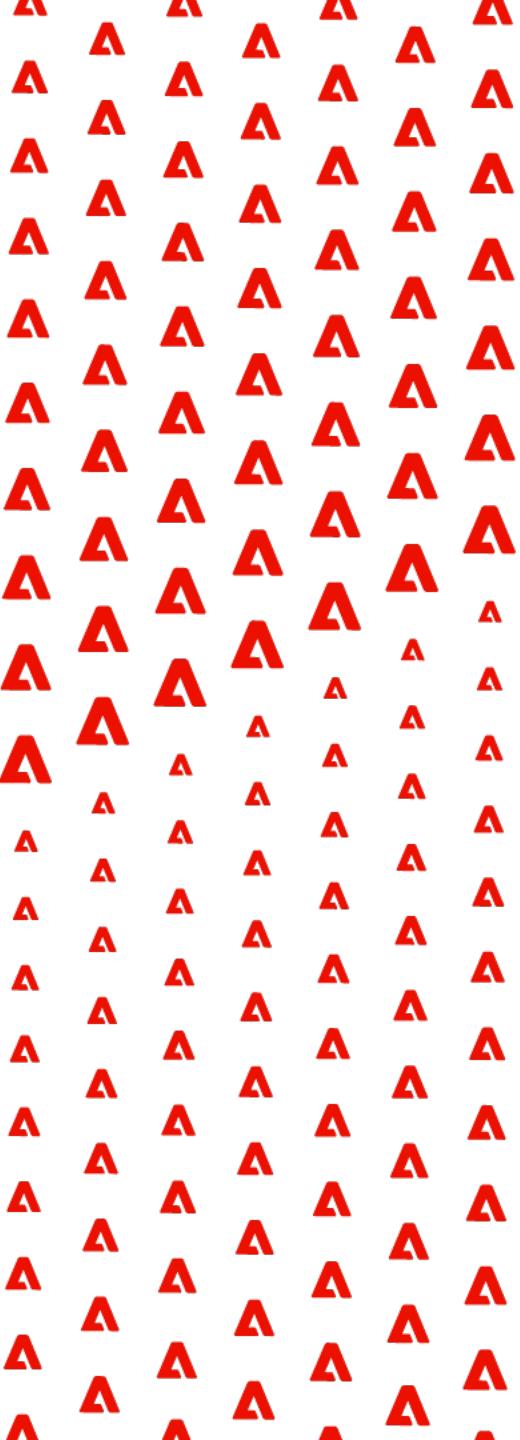
# Prerequisites

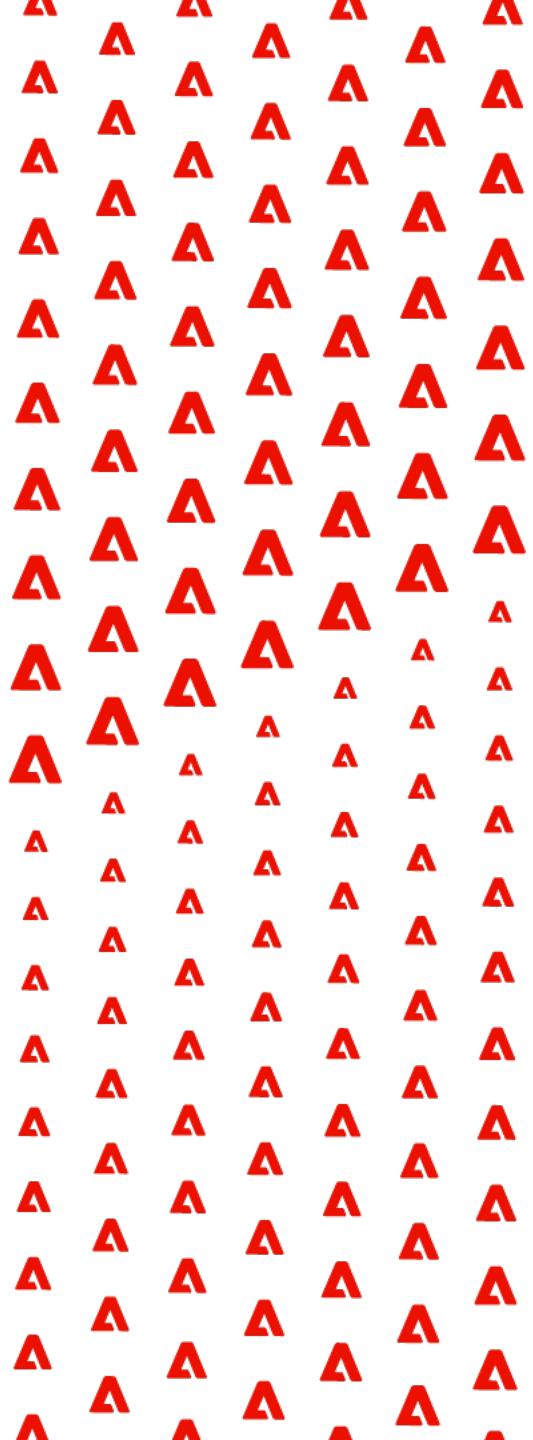
- IntelliJ IDEA ([install link](#))
- Git ([getting started link](#))
- Maven
  - Automatically installed by IntelliJ IDEA
- Docker ([install link](#))
- Postman ([install link](#))



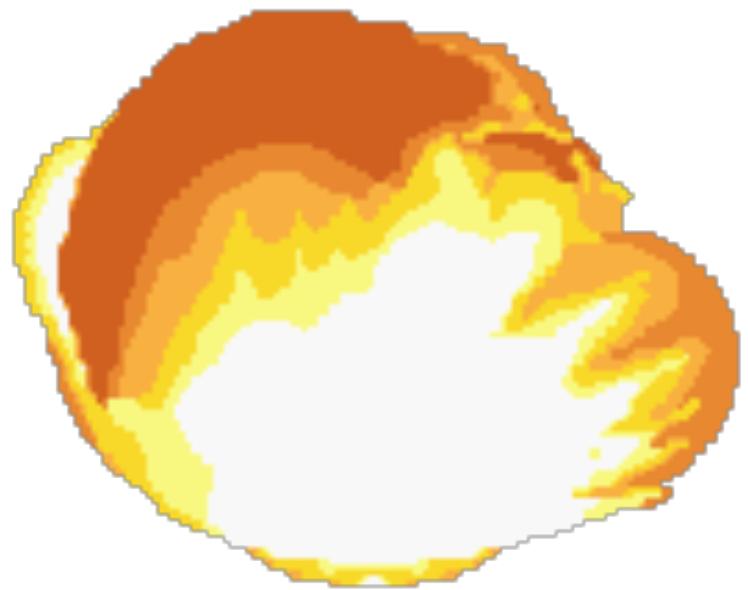
Interactive tool to learn Git: <https://learngitbranching.js.org/>

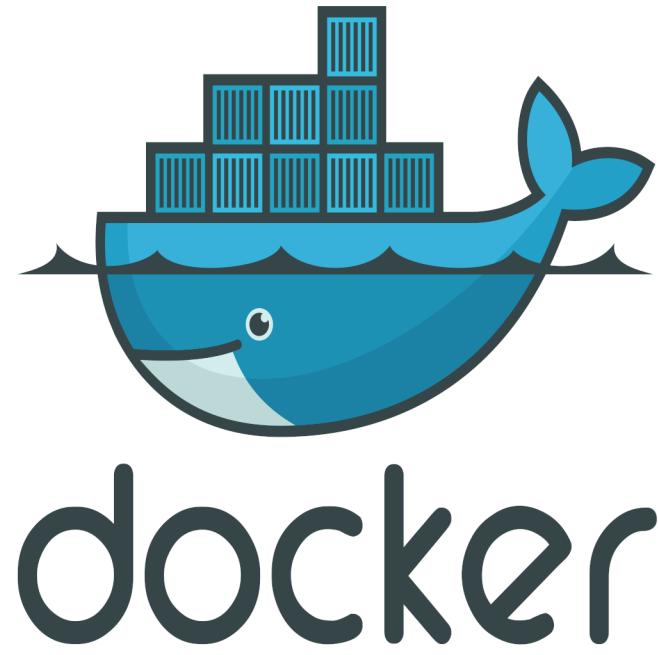




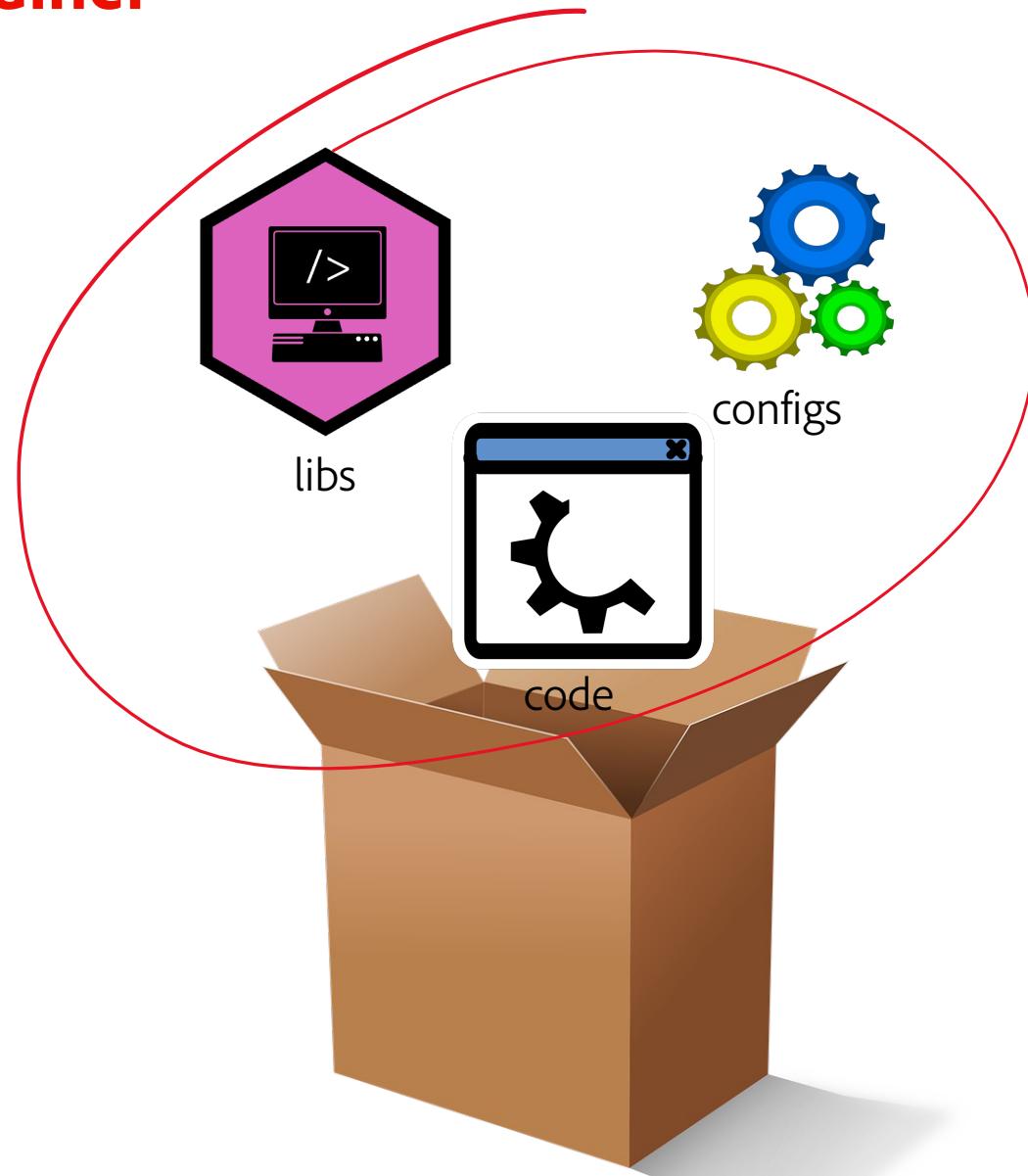


-\\_(ツ)\_/-  
**IT WORKS**  
on my machine





# The Docker Container



# Docker Registry – image store

 mysql Docker Official Image ·  1B+ ·  10K+

Updated 4 days ago

MySQL is a widely used, open-source relational database management system (RDBMS).

unknown Linux x86-64 ARM 64 unknown

Pulls: 10,570,816  
Last week

[Learn more](#)

 mariadb Docker Official Image ·  1B+ ·  5.6K

Updated 9 days ago

MariaDB Server is a high performing open source relational database, forked from MySQL.

Linux 386 x86-64 ARM 64 PowerPC 64 LE IBM Z

Pulls: 1,333,195  
Last week

[Learn more](#)

 percona Docker Official Image ·  100M+ ·  623

Updated 5 days ago

Percona Server is a fork of the MySQL relational database management system created by...

Linux x86-64 386

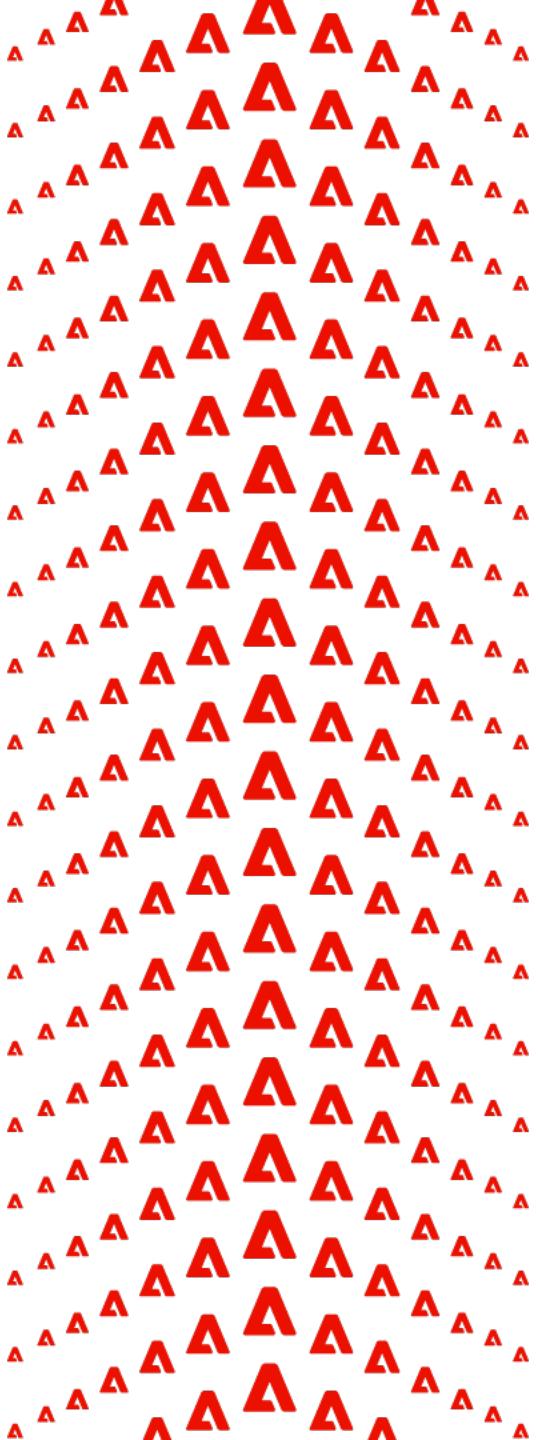
Pulls: 635,201  
Last week

[Learn more](#)

# Docker Compose

```
1 version: "3.8"
2
3 services:
4   db:
5     image: mysql:latest
6     restart: always
7     environment:
8       MYSQL_ROOT_PASSWORD: your_root_password
9       MYSQL_DATABASE: your_database_name
10      MYSQL_USER: your_username
11      MYSQL_PASSWORD: your_password
12
```

**What's coming next?**



## Workshop #2

- We'll start working on our application, getting hands on experience with **Spring, Spring Boot, Maven and Jackson**.
- We'll make our first call to our service using **Postman**

## Closing notes

- You can find all these information in the [Java DevCamp 2023 GitHub repository](#)
- *Please make sure you have installed all the required programs before next session*
- Use the [feedback form](#) if you have any feedback for this session
- If you any burning questions (related or not to the sessions), please use the [Ask It All](#) form; we'll try to go over them in the following workshops



A  
Adobe

Bē

Artwork by Frank Moth