















**Ensure breakpoints are inside an executable line**  
2️⃣ **Modify Dockerfile to enable debugging (**-agentlib:jdwp...**)**  
3️⃣ **Rebuild JAR and restart Docker container**  
4️⃣ **Attach IntelliJ Debugger to port** 5005  
5️⃣ **Trigger an API request to** /api/test?

Docker basics

* Docker -platform for building ,running and shipping applications.

Commands

* Docker version - gives version of the docker

Dockerize

DockerFile - instructions that docker uses to package an application into an image.appended to an application.

Container - application is loaded into an container

Docker run … in a container,image is loaded in docker run

Package application into an image and run it anywhere.

Create a dockerfile

FROM image e.g openjdk:22

COPY . /app

WORKDIR /app

CMD openjdk

Docker package our application

**Docker build -t hello-docker . (period is used to reference the current image)**

To view docker images

**Docker image ls**

Each image has a unique identifier

Run image on any machine

Docker run imagename

Package managers

In linux we use apt

apt update (updates all packages in linux)

apt install nano (installs a package)

Apt remove nano (removes a package)