TEKLRN

DOCKER LEVEL 5

1. Best practices for writing Dockerfiles
   - General guidelines and recommendations
   - Create ephemeral containers
   - Understand build context

2. Pipe Dockerfile through stdin
   - BUILD AN IMAGE USING A DOCKERFILE FROM STDIN, WITHOUT SENDING BUILD CONTEXT
   - BUILD FROM A LOCAL BUILD CONTEXT, USING A DOCKERFILE FROM STDIN
   - BUILD FROM A REMOTE BUILD CONTEXT, USING A DOCKERFILE FROM STDIN

3. Exclude with .dockerignore

4. Use multi-stage builds

5. Don't install unnecessary packages

6. Decouple applications

7. Minimize the number of layers

8. Sort multi-line arguments

9. Leverage build cache

10. Dockerfile instructions
    - FROM
    - LABEL
    - RUN
    - USING PIPES
    - CMD
    - EXPOSE
    - ENV
    - ADD or COPY
    - ENTRYPOINT
    - VOLUME
    - USER
    - WORKDIR
    - ONBUILD

11. Examples for Official Images