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## Docker static code analysis

Unique rules to find Vulnerabilities, Security Hotspots, and Code Smells in your DOCKER code

All rules 44 Vulnerability 4 Bug 4 Security Hotspot 15 Code Smell 21

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Search by name... 🔍

Prefer COPY over ADD for copying local resources	Code Smell
WORKDIR instruction should only be used with absolute path	Code Smell
Too long RUN instruction should be split into multiple lines	Code Smell
Prefer Exec form for ENTRYPOINT and CMD instructions	Code Smell
"WORKDIR" instruction should be used instead of "cd" commands	Code Smell
Specific version tag for image should be used	Code Smell
Package update should not be executed without installing it	Code Smell
Cache should be cleaned after package installation	Code Smell
Deprecated instructions should not be used	Code Smell
Consent flag should be set to avoid manual input	Code Smell
Environment variables should not be unset on a different layer than they were set	Code Smell
Expanded filenames should not become options	

## Prefer COPY over ADD for copying local resources

Analyze your code

Consistency - Conventional Maintainability ⬆ Reliability ⬆ Security ⬆

Code Smell Major ⓘ

In Dockerfiles, it is recommended to use the COPY instruction over the ADD instruction for copying local resources. The COPY instruction is more straightforward and less prone to errors, making it a better choice for copying local files and directories into a Docker image.

Why is this an issue? How can I fix it? More Info

### Code examples

#### Noncompliant code example

```
FROM ubuntu:20.04
ADD ./app /app
```

#### Compliant solution

```
FROM ubuntu:20.04
COPY ./app /app
```

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