

**Title:** Improving the Developer Experience of Dockerfiles

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## Abstract

Nowadays, containerization is a technique used in a very large number of systems to address problems associated with deployment. The most popular tool used to perform this task is Docker. In order to use Docker, a developer must create a Dockerfile, a configuration file that is used to create the containers. Creating these files can be difficult [1] and even functional files can have problems. In fact (add a reference about how a large percentage of dockerfiles are vulnerable)...

**Keywords:** Dockerfile, Docker, File generation, File repair

**ACM Classification:** CCS - Software and its engineering - Software notation and tools - Software configuration management and version control systems

## References

- [1] David Alexandre Gomes Reis. Live Docker Containers. July 2020.