Title: Improving the Developer Experience of Dockerfiles

Author: João Pereira da Silva Matos

Supervision: Filipe Alexandre Pais de Figueiredo Correia

Date: November 16, 2022

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)...

References

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