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Documentation

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This repository contains a `Dockerfile` to build the base image used by C++ projects building on the GitLab CI infrastructure. An up-to-date image built with these instructions should be available under the Nexus repository <https://nexus.engageska-portugal.pt/#browse/search/docker>.

CHAPTER 1

Contents

This Docker image is based on Debian Buster and contains the following utilities:

- `gcc` and `g++` 8.3.0
- `clang` and `clang++` 7.0.1
- `clang-tidy` 7.0.1
- `cmake` 3.13.4
- `cppcheck` 1.86
- `gcovr` 4.1
- `iwyu` 0.11
- `gdb` 8.2.1
- `valgrind` 3.14.0

On top of this, a `ctest2junit` utility is included in the image to convert `ctest` XML results into JUnit format for publishing via the GitLab test report artifact publishing.