# Release Engineering at Collabora

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#### **Collabora Online**



#### Products that we build

- Collabora Online (for customers, a.k.a. COOL)
- Collabora Online Development Edition (for the community, a.k.a.
  CODE)
- Collabora Online Lite (a.k.a. the key-enabled version, Univention App Center, Egroupware, ...)
- Richdocumentscode, the built-in CODE server for Nextcloud





#### **Platforms / Architectures**

- AMD/Intel (x86-64)
  - COOL, CODE, COOL Lite, richdocumentscode
- ARM (aarch64)
  - CODE, richdocumentscode
- PowerPC (ppc64le)
  - COOL, CODE





#### **Versions**

- COOL & COOL Lite (3 years of support)
  - 21.11, 22.05, 23.05, (24.04)
- CODE (development → always the latest)
  - Now 23.05, soon 24.04





## **Linux Packages**

- RPM and DEB
- Baseline OS for building the packages
  - Enterprise Linux 7 (x86\_64)
  - Enterprise Linux 8 (ppc64le and aarch64)
- Static linking of libs
  - Poco, libpng, libzstd, OpenSSL
- Very few dependencies → Linux packages run on wide variety of Linux distros





## **Docker images - CODE**

- Based on Debian 12 slim (Bookworm)
- collabora/code public image of CODE on docker hub
  - x86-64, aarch64, ppc64le
- registry.opencode.de/bmi/opendesk/components/supplier/ collabora/images/collabora-online-for-opendesk – unbranded CODE for OpenDesk





## **Docker images - COOL**

- Based on Debian 12 slim (Bookworm)
- registry.gitlab.collabora.com/productivity/collabora-online COOL for customers (x86-64) – access token required
- registry.gitlab.collabora.com/productivity/collabora-online-nc –
  COOL with NC theme for customers (x86-64) access token required
- registry.gitlab.collabora.com/collabora-online/docker COOL Lite, public image (x86-64)



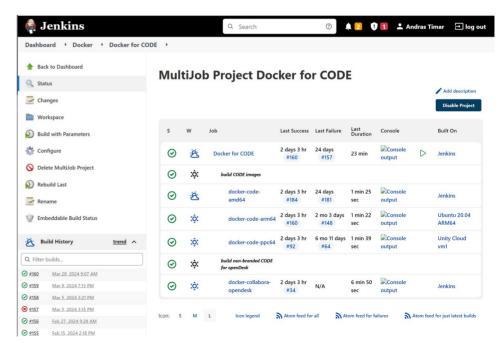


### **Jenkins**



All build infrastructure is managed with Jenkins.

https://www.jenkins.io/



## Thank you!

By Andras Timar















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