

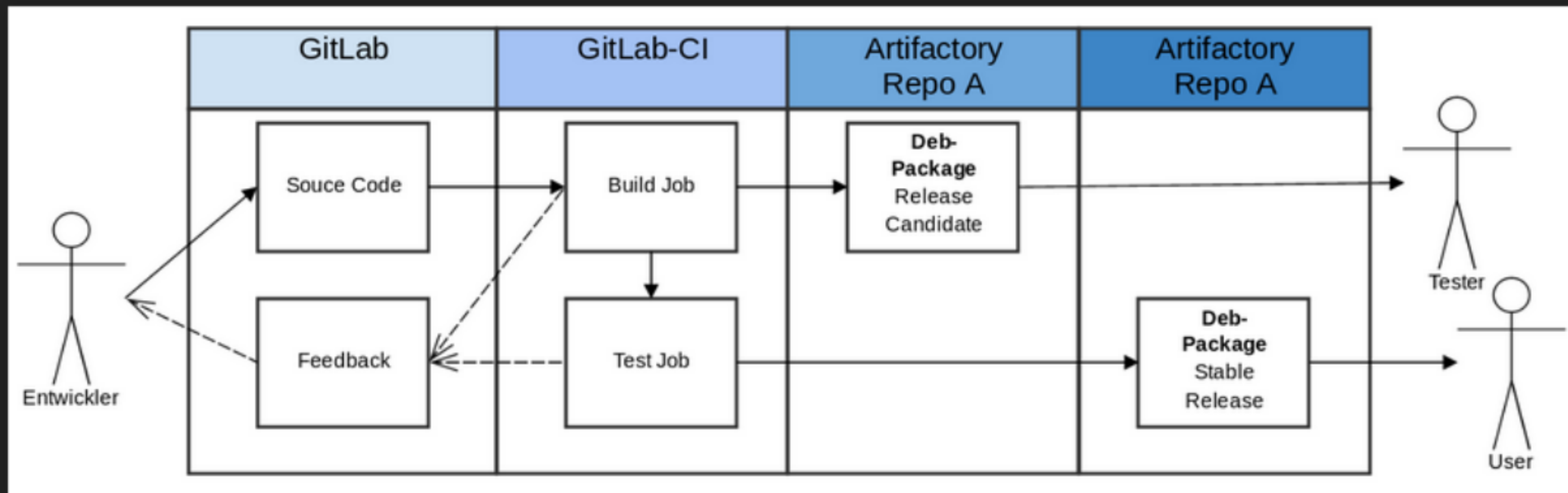
"MAL EBEN SCHNELL"

**WAS MIT GITLAB-CI
AUTOMATISIEREN**

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ÜBERSICHT



JENKINS^{vs.} GITLAB CI

- Config näher am Code
- Feedback näher am Code Repo



DEMO-PROJEKT

gitlab-ci-demo

TECHNOLOGY-STACK

- GitLab-CI
- Debian-Pakete
- GitHub Pattern *"Scripts to Rule Them All"*
- Artifactory



GITLAB-CI CONFIG

- [GitLab-CI Doku](#)
- [Unser Beispiel](#)
- [Cache-Key](#)
- [Troubleshooting](#)



DEBIAN-PAKETBAU

- Das DEBIAN-Verzeichnis
- **Nicht empfohlen:**
"fakeroot dpkg -b \${PROGNAME}_\${VERSION}-\${ARCH}"



GITHUB PATTERN

"SCRIPTS TO RULE THEM ALL"

- Überblick/Grundlagen
- bootstrap
- cibuild
- test



DIE ARTIFACTORY (I).

DAS ROOT-ZERTIFIKAT

The screenshot displays the JFrog Artifactory web interface. The top navigation bar is green with the JFrog logo, 'JFrog Artifactory', a search icon, and links for 'Log In' and 'Help'. A secondary navigation bar contains search filters: 'Search type: Quick Package Archive Property Checksum Remote'. The left sidebar shows a tree view with categories: Home, Artifacts, Builds, and Admin. The main content area is titled 'Artifact Repository Browser' and includes links for 'Set Me Up' and 'Deploy'. Below this, there's a search bar and a 'Compress' checkbox. The file tree on the left shows a directory structure under 'archive-local', with 'SSLCertificates' expanded and 'dataloggercom.ca.crt' selected. The right pane shows the 'General' tab for this artifact, displaying its 'Info' (Name, Repository Path, Module ID, etc.) and a 'Download' button. The 'Info' section includes details like 'Name: dataloggercom.ca.crt', 'Repository Path: archive-local/SSLCertificates/dataloggercom.ca.crt', 'Module ID: N/A', 'Deployed by: anonymous', 'Size: 1.21 KB', 'Created: 16-11-16 15:11:00 +00:00', 'Last Modified: 16-11-16 15:10:50 +00:00', 'Licenses: Not Found', 'Downloads: 119', 'Last Downloaded By: anonymous', 'Last Downloaded: 02-12-16 16:55:48 +00:00', and 'Remote Downloads: 0'. The bottom left corner shows the JFrog logo and version information: 'Artifactory Professional 4.14.1 rev 40307 Licensed to meteocontrol GmbH © Copyright 2016 JFrog Ltd'.

JFrog Artifactory

Search type: Quick Package Archive Property Checksum Remote

Artifact Repository Browser

Set Me Up Deploy

Tree Simple Compress

archive-local

- apollon/toolchain
- Atlassian/Confluence
- docker
- gitlabci-runner
- monitoring
- node.js
- offline-docker-images
- portals
- SoftwareManagement/third-party
- SSLCertificates
 - dataloggercom.ca.crt**
 - stern.mc.box.crt
 - stern.mc.box.p7b
 - stern.mc.box.pem

dataloggercom.ca.crt

Download Actions

General Properties Governance

Info

| | |
|---------------------|--|
| Name: | dataloggercom.ca.crt |
| Repository Path: | archive-local/SSLCertificates/dataloggercom.ca.crt |
| Module ID: | N/A |
| Deployed by: | anonymous |
| Size: | 1.21 KB |
| Created: | 16-11-16 15:11:00 +00:00 |
| Last Modified: | 16-11-16 15:10:50 +00:00 |
| Licenses: | Not Found Add Scan |
| Downloads: | 119 |
| Last Downloaded By: | anonymous |
| Last Downloaded: | 02-12-16 16:55:48 +00:00 |
| Remote Downloads: | 0 |

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DIE ARTIFACTORY (II.)

DAS DEB-PAKET

The screenshot displays the JFrog Artifactory web interface. On the left is a dark sidebar with navigation links: Home, Artifacts, Builds, and Admin. The main content area has a green header with the JFrog Artifactory logo and search, login, and help buttons. Below the header is a search bar with tabs for Search type (Quick, Package, Archive, Property, Checksum, Remote). The main section is titled 'Artifact Repository Browser' and shows a tree view of the repository structure. The 'deb-local' directory is expanded, showing a list of deb packages. The package 'meteocontrol-root-ca_0.0.1-1-all.deb' is highlighted in the tree and also in the top search bar. To the right of the package name are 'Download' and 'Actions' buttons. Below the package name are tabs for 'General', 'Properties', and 'Governance'. The 'General' tab is active, showing an 'Info' section with the following details:

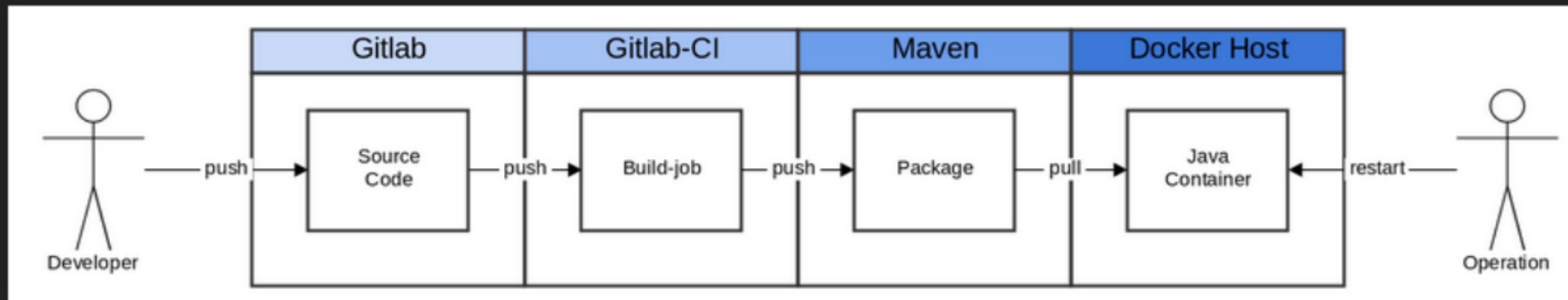
| Field | Value |
|---------------------|--|
| Name: | meteocontrol-root-ca_0.0.1-1-all.deb |
| Repository Path: | deb-local/pool/meteocontrol-root-ca_0.0.1-1-all.deb |
| Module ID: | N/A |
| Deployed by: | anonymous |
| Size: | 2.88 KB |
| Created: | 02-12-16 10:38:39 +00:00 |
| Last Modified: | 02-12-16 16:55:32 +00:00 |
| Licenses: | Not Found Add Scan |
| Downloads: | 12 |
| Last Downloaded By: | anonymous |
| Last Downloaded: | 02-12-16 16:55:59 +00:00 |
| Remote Downloads: | 0 |

At the bottom left of the sidebar, there is a footer for 'Artifactory Professional 4.14.1 rev 40307' licensed to 'meteocontrol GmbH' with a copyright notice for 2016 JFrog Ltd.



ÄHNLICHE USE CASES

XDEBUG PROXY



- Build-Job
- Container-Start-Script



CONTAINER RESTART

UI For Docker

Dashboard

Containers

Containers Network

Images

Networks

Volumes

Info

Refresh

Logs for container: /20161130xdebugproxy_jdbgp-proxy_1

stdout

stderr

Reload logs 20 lines Timestamps

STDOUT

STDERR

```
2016-12-13 07:35:57 [INFO] shutting down debug session from 192.168.30.39:29913
2016-12-13 07:35:58 [INFO] shutting down debug session from 192.168.30.39:35835
converted 'https://artifactory.mc.box/artifactory/maven-local-shaded/com/meteocontrol/oss/jdbgp/jdbgp-proxy/0.0.2/jdbgp-proxy-0.0.2.jar' (ANSI_X3.4-
--2016-12-13 07:36:34-- https://artifactory.mc.box/artifactory/maven-local-shaded/com/meteocontrol/oss/jdbgp/jdbgp-proxy/0.0.2/jdbgp-proxy-0.0.2.jar
Resolving artifactory.mc.box (artifactory.mc.box)... 10.24.1.113
Connecting to artifactory.mc.box (artifactory.mc.box)[10.24.1.113]:443... connected.
WARNING: The certificate of 'artifactory.mc.box' is not trusted.
WARNING: The certificate of 'artifactory.mc.box' hasn't got a known issuer.
HTTP request sent, awaiting response... 200 OK
Length: 109145 (107K) [application/java-archive]
Saving to: '/jdbgp-proxy-new.jar'

 0K ..... 40% 4.64M 0s
 50K ..... 93% 27.3M 0s
100K ..... 100% 79.6M=0.01s

2016-12-13 07:36:34 (8.40 MB/s) - '/jdbgp-proxy-new.jar' saved [109145/109145]
```



DANKE FÜR DIE AUFMERKSAMKEIT

