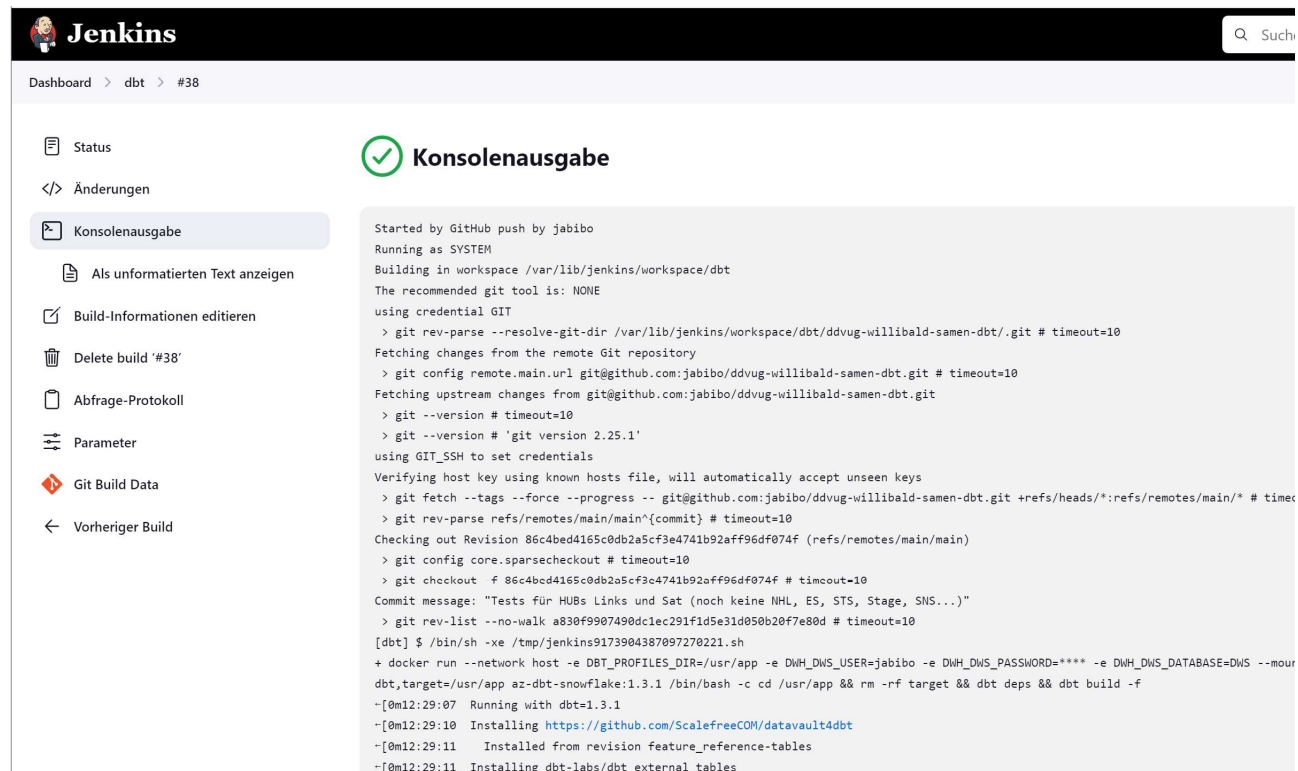


Evaluation criterium 20: Scheduling

In our project we use Jenkins to run the dbt in a docker container.

As the Willibald-data is provided by a github-repo. We also use Jenkins to get the data and store it in the S3-Bucket.

dbt doesn't need a lot of resources because most of the work is done by the target-database-server.



The screenshot shows the Jenkins web interface for a build named 'dbt'. The console output is titled 'Konsolenausgabe' and shows the following steps:

```
Started by GitHub push by jabibo
Running as SYSTEM
Building in workspace /var/lib/jenkins/workspace/dbt
The recommended git tool is: NONE
using credential GIT
> git rev-parse --resolve-git-dir /var/lib/jenkins/workspace/dbt/ddvug-willibald-samen-dbt/.git # timeout=10
Fetching changes from the remote Git repository
> git config remote.main.url git@github.com:jabibo/ddvug-willibald-samen-dbt.git # timeout=10
Fetching upstream changes from git@github.com:jabibo/ddvug-willibald-samen-dbt.git
> git --version # timeout=10
> git --version # 'git version 2.25.1'
using GIT_SSH to set credentials
Verifying host key using known hosts file, will automatically accept unseen keys
> git fetch --tags --force --progress -- git@github.com:jabibo/ddvug-willibald-samen-dbt.git +refs/heads/*:refs/remotes/main/* # timeout=10
> git rev-parse refs/remotes/main/main^{commit} # timeout=10
Checking out Revision 86c4bed4165c0db2a5cf3e4741b92aff96df074f (refs/remotes/main/main)
> git config core.sparsecheckout # timeout=10
> git checkout f 86c4bed4165c0db2a5cf3e4741b92aff96df074f # timeout=10
Commit message: "Tests für HUBS Links und Sat (noch keine NHL, ES, STS, Stage, SNS...)"
> git rev-list --no-walk a830f9907490dc1ec291f1d5e31d050b20f7e80d # timeout=10
[dbt] $ /bin/sh -xe /tmp/jenkins9173904387097270221.sh
+ docker run --network host -e DBT_PROFILES_DIR=/usr/app -e DWH_DWS_USER=jabibo -e DWH_DWS_PASSWORD=**** -e DWH_DWS_DATABASE=DWS --mount dbt,target=/usr/app az-dbt-snowflake:1.3.1 /bin/bash -c cd /usr/app && rm -rf target && dbt deps && dbt build -f
-[0m12:29:07 Running with dbt=1.3.1
-[0m12:29:10 Installing https://github.com/ScalefreeCOM/datavault4dbt
-[0m12:29:11 Installed from revision feature_reference-tables
-[0m12:29:11 Installing dbt-labs/dbt_external_tables
```