Gitlab

Query Gitlab Database

```
# Interactivly
gitlab-sql
# Query on Command line
gitlab-sql -c "<sql>"
```

Check Background Migrations from CLI

```
SELECT job_class_name
     , TABLE_NAME
     , column_name
     , job_arguments
FROM batched_background_migrations
WHERE STATUS NOT IN(3, 6);
```

Check Pipelines

```
SELECT
    p.id AS pipeline_id,
    pr.name AS project_name,
    pr.path AS project_path,
    p.ref,
    p.status,
    p.started_at
FROM
    p_ci_pipelines p
JOIN
    projects pr ON p.project_id = pr.id
WHERE p.status IN ('pending', 'running')
ORDER BY
    p.started_at DESC;
```

Garbage Collection Container Registry

```
gitlab-ctl registry-garbage-collect -m
```

CI/CD Multiplattform Build

Enable Binary Formats

```
$ docker run --rm --privileged tonistiigi/binfmt --install all
{
  "supported": [
    "linux/amd64",
    "linux/arm64",
    "linux/riscv64",
    "linux/ppc64le",
    "linux/s390x",
    "linux/386",
    "linux/arm/v7",
    "linux/arm/v6"
  ],
  "emulators": [
    "qemu-aarch64",
    "qemu-arm",
    "qemu-ppc64le",
    "qemu-riscv64",
    "qemu-s390x"
  ]
}
```

Switch to buildx in .gitlab-ci.yml

Define CI_PLATFORMS variable in Settings / CI/CD:

CI_PLATFORMS = linux/amd64,linux/arm/v7,...

.gitlab-ci.yml

```
image: registry/docker-with-buildx

services:
  - docker:dind

build:
  stage: build
  script:
    - docker login -u $CI_USER -p $CI_TOKEN $CI_REGISTRY
    - docker buildx create --use
    - docker buildx build --platform $CI_PLATFORMS --push --pull -t
$CI_REGISTRY_IMAGE .
```

kb, git

From:
http://fortytwo.adurias.org/ - **Fortytwo - Answer to the Ultimate Question of Life, the Universe, and Everything**

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Last update: **2026/10/03 11:32**