

Gitlab maintenance

Cleanup

<https://docs.gitlab.com/ee/raketasks/cleanup.html>

Orphaned artifacts

```
sudo gitlab-rake gitlab:cleanup:orphan_job_artifact_files
```

```
I, [2020-07-09T06:53:53.293070 #17939] INFO -- : [DRY RUN] Looking for orphan job artifacts to clean up
```

```
I, [2020-07-09T06:53:53.293493 #17939] INFO -- : [DRY RUN] find command: '/usr/bin/ionice -c best-effort find -L /var/opt/gitlab/gitlab-rails/shared/artifacts -mindepth 6 -maxdepth 6 -type d'
```

```
I, [2020-07-09T06:53:56.433277 #17939] INFO -- : [DRY RUN] Processed 134037 job artifact(s) to find and cleaned 55761 orphan(s).
```

```
I, [2020-07-09T06:53:56.433444 #17939] INFO -- : To clean up these files run this command with DRY_RUN=false
```

```
sudo gitlab-rake gitlab:cleanup:orphan_job_artifact_files DRY_RUN=false
```

```
I, [2020-07-09T06:54:44.061772 #18110] INFO -- : Looking for orphan job artifacts to clean up
```

```
I, [2020-07-09T06:54:44.061940 #18110] INFO -- : find command: '/usr/bin/ionice -c best-effort find -L /var/opt/gitlab/gitlab-rails/shared/artifacts -mindepth 6 -maxdepth 6 -type d'
```

```
I, [2020-07-09T06:54:51.099409 #18110] INFO -- : Processed 134037 job artifact(s) to find and cleaned 55761 orphan(s).
```

Not expired artifacts

- Using python tool: [Glartifacts](#)
- Doc: <https://glartifacts.readthedocs.io/en/latest/>

On Gitlab server:

```
sudo apt-get remove python-pip
sudo apt-get install python3-pip
pip3 install --upgrade pip
```

```
sudo apt-get install postgresql postgresql-server-dev-all
sudo systemctl disable --now postgresql.service
```

```
sudo pip install \
    'grpcio>=1.15.0' \
    'protobuf>=3.6.1' \
```

```
'psycopg2>=2.6' \  
'pyyaml>=3.11'
```

```
sudo pip install glartifacts
```

Usage:

```
glartifacts list
```

```
glartifacts remove --strategy LASTGOOD_PIPELINE --dry-run  
group/subgroup/project
```

```
glartifacts remove --strategy LASTGOOD_PIPELINE --all
```

```
# by default Sidekiq task 'cronjob:expire_build_artifacts' is running every  
50 minutes, force it now
```

```
# Go to https://gitlab.example.com/admin/background\_jobs --> "Cron" tab and  
"enqueue Now"
```

```
# and check results:
```

```
glartifacts list
```

Job logs

Hundreds of jobs with build log size of 16MB can occupy gigabytes on disk. [Job artifacts using too much disk space](#)

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