

projects
id [INTEGER]
project_name [VARCHAR(250)]
description [TEXT]
creation_date [TIMESTAMP WITHOUT TIME ZONE]
users [INTEGER[]]

files
id [INTEGER]
filename [VARCHAR(60)]
file_id [VARCHAR(36)]
raw_file [BYTEA]
username [VARCHAR(30)]
creation_date [TIMESTAMP WITHOUT TIME ZONE]
annotations [JSONB]
project [INTEGER]
custom_annotations [JSONB]

app_role
id [INTEGER]
name [VARCHAR(128)]

app_user_role
appuser_id [INTEGER]
app_role_id [INTEGER]

appuser
id [INTEGER]
username [VARCHAR(64)]
email [VARCHAR(120)]
password_hash [VARCHAR(256)]
first_name [VARCHAR(120)]
last_name [VARCHAR(120)]

project
id [INTEGER]
label [VARCHAR(250)]
description [TEXT]
date_modified [TIMESTAMP WITHOUT TIME ZONE]
graph [JSON]
user_id [INTEGER]
author [VARCHAR(240)]
public [BOOLEAN]
hash_id [VARCHAR(50)]

access_control_policy
id [INTEGER]
action [VARCHAR(50)]
asset_type [VARCHAR(200)]
asset_id [INTEGER]
principal_type [VARCHAR(50)]
principal_id [INTEGER]
rule_type [accessruletype]

alembic_version
version_num [VARCHAR(32)]

0..N - {0,1}

0..N - {0,1}

{0,1}

0..N

0..N - {0,1}