

organism_gene_match
id [INTEGER]
gene_id [VARCHAR(128)]
gene_name [VARCHAR(128)]
synonym [VARCHAR(128)]
taxonomy_id [VARCHAR(128)]
organism [VARCHAR(128)]

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)]
search_vector [TSVECTOR]

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

files
id [INTEGER]
filename [VARCHAR(200)]
file_id [VARCHAR(36)]
creation_date [TIMESTAMP WITHOUT TIME ZONE]
annotations [JSONB]
project [INTEGER]
custom_annotations [JSONB]
user_id [INTEGER]
content_id [INTEGER]

files_content
id [INTEGER]
raw_file [BYTEA]
checksum_sha256 [BYTEA]
creation_date [TIMESTAMP WITHOUT TIME ZONE]

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)]

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{0,1}

0..N

0..N {0,1}

0..N

{0,1}

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