Создадим демо-схему для пользователя postgres

CREATE SCHEMA demo\_schema

AUTHORIZATION postgres;

Чтобы каждый раз не указывать схема, изменим путь поиска схемы

ALTER DATABASE epi\_data SET search\_path TO demo\_schema, public;

Создадим необходимые таблицы

ALTER DATABASE epi\_data SET search\_path TO demo\_schema, public;

create table demo\_schema.gfap (

id SERIAL PRIMARY KEY,

volume DECIMAL NOT NULL,

surface\_area DECIMAL NOT NULL,

animal\_num INT NOT NULL,

exp\_group VARCHAR(10) NOT NULL,

cell\_num INT NOT NULL,

protein VARCHAR(10) NOT NULL

);

create table demo\_schema.gs (

id SERIAL PRIMARY KEY,

volume DECIMAL NOT NULL,

surface\_area DECIMAL NOT NULL,

animal\_num INT NOT NULL,

exp\_group VARCHAR(10) NOT NULL,

cell\_num INT NOT NULL,

protein VARCHAR(10) NOT NULL

);

create table demo\_schema.glt (

id SERIAL PRIMARY KEY,

volume DECIMAL NOT NULL,

surface\_area DECIMAL NOT NULL,

animal\_num INT NOT NULL,

exp\_group VARCHAR(10) NOT NULL,

cell\_num INT NOT NULL,

protein VARCHAR(10) NOT NULL

);

create table demo\_schema.s100b (

id SERIAL PRIMARY KEY,

volume DECIMAL NOT NULL,

surface\_area DECIMAL NOT NULL,

animal\_num INT NOT NULL,

exp\_group VARCHAR(10) NOT NULL,

cell\_num INT NOT NULL,

protein VARCHAR(10) NOT NULL

);

create table demo\_schema.cx43 (

id SERIAL PRIMARY KEY,

volume DECIMAL NOT NULL,

surface\_area DECIMAL NOT NULL,

animal\_num INT NOT NULL,

exp\_group VARCHAR(10) NOT NULL,

cell\_num INT NOT NULL,

protein VARCHAR(10) NOT NULL

);

create table demo\_schema.info (

id SERIAL PRIMARY KEY,

animal\_num INT NOT NULL,

exp\_group VARCHAR(10) NOT NULL,

cell\_num INT NOT NULL,

protein VARCHAR(10) NOT NULL,

FOREIGN KEY (id) REFERENCES gfap(id),

FOREIGN KEY (id) REFERENCES gs(id),

FOREIGN KEY (id) REFERENCES glt(id),

FOREIGN KEY (id) REFERENCES s100b(id),

FOREIGN KEY (id) REFERENCES cx43(id)

);

drop table gs;

drop table cx43;

drop table info;

drop table glt;

drop table s100b;

drop table gfap;

select \* from info

Если потребуется удалить все таблицы

drop table gs;

drop table cx43;

drop table info;

drop table glt;

drop table s100b;

drop table gfap;

Таблица info будет содержать внешние ключи к остальным таблицам. Заполним ее.