**Создание самой базы данных.**

-- Database: SmartSoftDb

-- DROP DATABASE "SmartSoftDb";

CREATE DATABASE "SmartSoftDb"

WITH

OWNER = postgres

ENCODING = 'UTF8'

LC\_COLLATE = 'English\_United States.1252'

LC\_CTYPE = 'English\_United States.1252'

TABLESPACE = pg\_default

CONNECTION LIMIT = -1;

COMMENT ON DATABASE "SmartSoftDb"

IS 'ForDb';

**Таблица для хранения прошлых операций конвертации.**

-- Table: public.History

-- DROP TABLE public."History";

CREATE TABLE public."History"

(

id integer NOT NULL GENERATED ALWAYS AS IDENTITY ( CYCLE INCREMENT 1 START 1 MINVALUE 1 MAXVALUE 200 CACHE 1 ),

"From" text COLLATE pg\_catalog."default",

"To" text COLLATE pg\_catalog."default",

"FromValue" double precision,

"ToValue" double precision,

"Date" text COLLATE pg\_catalog."default",

CONSTRAINT "History\_pkey" PRIMARY KEY (id)

)

TABLESPACE pg\_default;

ALTER TABLE public."History"

OWNER to postgres;

**Основная таблица с индентификаторами, кодами, названиями, а так же курсы привязанные к валюте.**

-- Table: public.MainTable

-- DROP TABLE public."MainTable";

CREATE TABLE public."MainTable"

(

"ID" text COLLATE pg\_catalog."default" NOT NULL,

"Code" text COLLATE pg\_catalog."default" NOT NULL,

"Name" text COLLATE pg\_catalog."default" NOT NULL,

"Value" real NOT NULL,

"Date" text COLLATE pg\_catalog."default",

CONSTRAINT "MainTable\_pkey" PRIMARY KEY ("ID")

)

TABLESPACE pg\_default;

ALTER TABLE public."MainTable"

OWNER to postgres;

**Таблица с пользователями для авторизации.**

-- Table: public.Users

-- DROP TABLE public."Users";

CREATE TABLE public."Users"

(

"Username" text COLLATE pg\_catalog."default" NOT NULL,

"Password" text COLLATE pg\_catalog."default",

CONSTRAINT "Users\_pkey" PRIMARY KEY ("Username")

)

TABLESPACE pg\_default;

ALTER TABLE public."Users"

OWNER to postgres;