create table if not exists public.sys\_user

(

id bigint not null,

password character varying(100) collate not null,

version integer not null,

create\_time timestamp without time zone not null,

update\_time timestamp without time zone not null,

name character varying(20) not null,

role character varying(20) not null,

constraint sys\_user\_pkey primary key (id)

)

create table if not exists public.artist

(

id bigint not null,

name character varying(20) not null,

version integer not null,

create\_time timestamp without time zone not null,

update\_time timestamp without time zone not null,

constraint artist\_pkey primary key (id)

)

create table if not exists public.album

(

id bigint not null,

name character varying(20) not null,

version integer not null,

create\_time timestamp without time zone not null,

update\_time timestamp without time zone not null,

constraint album\_pkey primary key (id)

)

create table if not exists public.track

(

id bigint not null,

name character varying(20) not null,

time\_length character varying(10) not null,

version integer not null,

create\_time timestamp without time zone not null,

update\_time timestamp without time zone not null,

constraint track\_pkey primary key (id)

)

create table if not exists public.make

(

id bigint,

album\_id bigint not null,

artist\_id bigint not null,

version integer not null,

year character(4) not null,

create\_time timestamp without time zone not null,

update\_time timestamp without time zone not null,

constraint make\_pkey primary key (album\_id),

constraint make\_fkey foreign key (artist\_id)

references public.artist (id) match simple

on update no action

on delete no action

not valid

)

create table if not exists public.belong\_to

(

id bigint,

track\_id bigint not null,

album\_id bigint not null,

version integer not null,

create\_time timestamp without time zone not null,

update\_time timestamp without time zone not null,

constraint belong\_to\_pkey primary key (track\_id),

constraint belong\_to\_fkey foreign key (album\_id)

references public.album (id) match simple

on update no action

on delete no action

not valid

)

create table if not exists public.collect

(

id bigint,

user\_id bigint not null,

album\_id bigint not null,

version integer not null,

collected\_time character varying(30) not null,

create\_time timestamp without time zone not null,

update\_time timestamp without time zone not null,

constraint collect\_pkey primary key (user\_id, album\_id)

)

create table if not exists public.comment

(

id bigint,

user\_id bigint not null,

album\_id bigint not null,

version integer not null,

context character varying(300) not null,

commented\_time character varying(30) not null,

create\_time timestamp without time zone not null,

update\_time timestamp without time zone not null,

constraint comment\_pkey primary key (album\_id, user\_id)

)

create table if not exists public.open

(

id bigint,

user\_id bigint not null,

album\_id bigint not null,

version integer not null,

index\_last\_played\_track integer not null,

create\_time timestamp without time zone not null,

update\_time timestamp without time zone not null,

constraint open\_pkey primary key (user\_id, album\_id)

)

create table if not exists public.listen

(

id bigint,

user\_id bigint not null,

track\_id bigint not null,

version integer not null,

latest\_date\_time\_playback\_began character varying(30) not null,

create\_time timestamp without time zone not null,

update\_time timestamp without time zone not null,

constraint listen\_pkey primary key (user\_id, track\_id)

)