```
-- Table: public.contains

-- DROP TABLE public.contains;

CREATE TABLE public.contains
(
  cid integer NOT NULL DEFAULT nextval('contains_cid_seq'::regclass),
  mid integer,
  rpid integer,
  hid integer,
  CONSTRAINT contains_pkey PRIMARY KEY (cid),
  CONSTRAINT contains_mid_fkey FOREIGN KEY (mid)
      REFERENCES public.messages (mid) MATCH SIMPLE
      ON UPDATE NO ACTION ON DELETE NO ACTION,
  CONSTRAINT contains_rpid_fkey FOREIGN KEY (rpid)
      REFERENCES public.replies (rpid) MATCH SIMPLE
      ON UPDATE NO ACTION ON DELETE NO ACTION
)
WITH (
  OIDS=FALSE
);
ALTER TABLE public.contains;




-- Table: public.friends

-- DROP TABLE public.friends;
```

```
CREATE TABLE public.friends
(
  fuid integer NOT NULL,
  uid integer NOT NULL,
  CONSTRAINT friends_pkey PRIMARY KEY (uid, fuid),
  CONSTRAINT friends_fuid_fkey FOREIGN KEY (fuid)
      REFERENCES public.users (uid) MATCH SIMPLE
      ON UPDATE NO ACTION ON DELETE NO ACTION,
  CONSTRAINT friends_uid_fkey FOREIGN KEY (uid)
      REFERENCES public.users (uid) MATCH SIMPLE
      ON UPDATE NO ACTION ON DELETE NO ACTION
)
WITH (
  OIDS=FALSE
);
ALTER TABLE public.friends;




-- Table: public.groupchats

-- DROP TABLE public.groupchats;

CREATE TABLE public.groupchats
(
  gid integer NOT NULL DEFAULT nextval('groupchats_gid_seq'::regclass),
  gname character varying(20),
```

```
  gcreation_date character varying(10),
  gpicture_id_path character varying(20),
  huid integer,
  CONSTRAINT groupchats_pkey PRIMARY KEY (gid),
  CONSTRAINT groupchats_gmanid_fkey FOREIGN KEY (huid)
      REFERENCES public.human (huid) MATCH SIMPLE
      ON UPDATE NO ACTION ON DELETE NO ACTION
)
WITH (
  OIDS=FALSE
);
ALTER TABLE public.groupchats;




-- Table: public.hashtags

-- DROP TABLE public.hashtags;

CREATE TABLE public.hashtags
(
  hid integer NOT NULL DEFAULT nextval('hashtags_hid_seq'::regclass),
  hhashtag character varying(50),
  CONSTRAINT hashtags_pkey PRIMARY KEY (hid)
)
WITH (
  OIDS=FALSE
);
```

```
ALTER TABLE public.hashtags;




-- Table: public.human

-- DROP TABLE public.human;

CREATE TABLE public.human
(
  huid integer NOT NULL DEFAULT nextval('human_huid_seq'::regclass),
  first_name character varying(20),
  last_name character varying(20),
  birthdate character varying(10),
  huemail character varying(50),
  hupassword character varying(50),
  phone_number character(10),
  CONSTRAINT human_pkey PRIMARY KEY (huid)
)
WITH (
  OIDS=FALSE
);
ALTER TABLE public.human;




-- Table: public.ismember
```

```
-- DROP TABLE public.ismember;

CREATE TABLE public.ismember
(
  uid integer NOT NULL,
  gid integer NOT NULL,
  CONSTRAINT ismember_pkey PRIMARY KEY (uid, gid),
  CONSTRAINT ismember_gid_fkey FOREIGN KEY (gid)
      REFERENCES public.groupchats (gid) MATCH SIMPLE
      ON UPDATE NO ACTION ON DELETE NO ACTION,
  CONSTRAINT ismember_uid_fkey FOREIGN KEY (uid)
      REFERENCES public.users (uid) MATCH SIMPLE
      ON UPDATE NO ACTION ON DELETE NO ACTION
)
WITH (
  OIDS=FALSE
);
ALTER TABLE public.ismember;




-- Table: public.messages

-- DROP TABLE public.messages;

CREATE TABLE public.messages
(
```

```
  mid integer NOT NULL DEFAULT nextval('messages_mid_seq'::regclass),
  uid integer,
  mupload_date character varying(10),
  msize integer,
  mmessage character varying(100),
  mmedia_path character varying(50),
  mtype character varying(10),
  mlength integer,
  CONSTRAINT messages_pkey PRIMARY KEY (mid),
  CONSTRAINT messages_uid_fkey FOREIGN KEY (uid)
      REFERENCES public.users (uid) MATCH SIMPLE
      ON UPDATE NO ACTION ON DELETE NO ACTION
)
WITH (
  OIDS=FALSE
);
ALTER TABLE public.messages;




-- Table: public.posted_to

-- DROP TABLE public.posted_to;

CREATE TABLE public.posted_to
(
  mid integer NOT NULL,
  gid integer NOT NULL,
```

```
  CONSTRAINT postedto_pkey PRIMARY KEY (mid, gid),
  CONSTRAINT postedto_gid_fkey FOREIGN KEY (gid)
      REFERENCES public.groupchats (gid) MATCH SIMPLE
      ON UPDATE NO ACTION ON DELETE NO ACTION,
  CONSTRAINT postedto_mid_fkey FOREIGN KEY (mid)
      REFERENCES public.messages (mid) MATCH SIMPLE
      ON UPDATE NO ACTION ON DELETE NO ACTION
)
WITH (
  OIDS=FALSE
);
ALTER TABLE public.posted_to;




-- Table: public.reactions

-- DROP TABLE public.reactions;

CREATE TABLE public.reactions
(
  rid integer NOT NULL DEFAULT nextval('reactions_rid_seq'::regclass),
  rupload_date character varying(10),
  rtype boolean,
  mid integer,
  rpid integer,
  uid integer,
  CONSTRAINT reactions_pkey PRIMARY KEY (rid),
```

```
  CONSTRAINT reactions_mid_fkey FOREIGN KEY (mid)
      REFERENCES public.messages (mid) MATCH SIMPLE
      ON UPDATE NO ACTION ON DELETE NO ACTION,
  CONSTRAINT reactions_rpid_fkey FOREIGN KEY (rpid)
      REFERENCES public.replies (rpid) MATCH SIMPLE
      ON UPDATE NO ACTION ON DELETE NO ACTION,
  CONSTRAINT reactions_uid_fkey FOREIGN KEY (uid)
      REFERENCES public.users (uid) MATCH SIMPLE
      ON UPDATE NO ACTION ON DELETE NO ACTION
)
WITH (
  OIDS=FALSE
);
ALTER TABLE public.reactions;




-- Table: public.replies

-- DROP TABLE public.replies;

CREATE TABLE public.replies
(
  rpid integer NOT NULL DEFAULT nextval('replies_rpid_seq'::regclass),
  rpupload_date character varying(10),
  rpreply character varying(100),
  mid integer,
  uid integer,
```

```
  CONSTRAINT replies_pkey PRIMARY KEY (rpid),
  CONSTRAINT replies_mid_fkey FOREIGN KEY (mid)
      REFERENCES public.messages (mid) MATCH SIMPLE
      ON UPDATE NO ACTION ON DELETE NO ACTION,
  CONSTRAINT replies_uid_fkey FOREIGN KEY (uid)
      REFERENCES public.users (uid) MATCH SIMPLE
      ON UPDATE NO ACTION ON DELETE NO ACTION
)
WITH (
  OIDS=FALSE
);
ALTER TABLE public.replies;




-- Table: public.users

-- DROP TABLE public.users;

CREATE TABLE public.users
(
  uid integer NOT NULL DEFAULT nextval('users_uid_seq'::regclass),
  human_id integer,
  user_name character varying(20),
  ucreation_date character varying(10),
  umost_recent_login character varying(10),
  profile_picture character varying(50),
  CONSTRAINT users_pkey PRIMARY KEY (uid),
```

```
  CONSTRAINT users_huid_fkey FOREIGN KEY (human_id)
      REFERENCES public.human (huid) MATCH SIMPLE
      ON UPDATE NO ACTION ON DELETE NO ACTION
)
WITH (
  OIDS=FALSE
);
ALTER TABLE public.users;
```