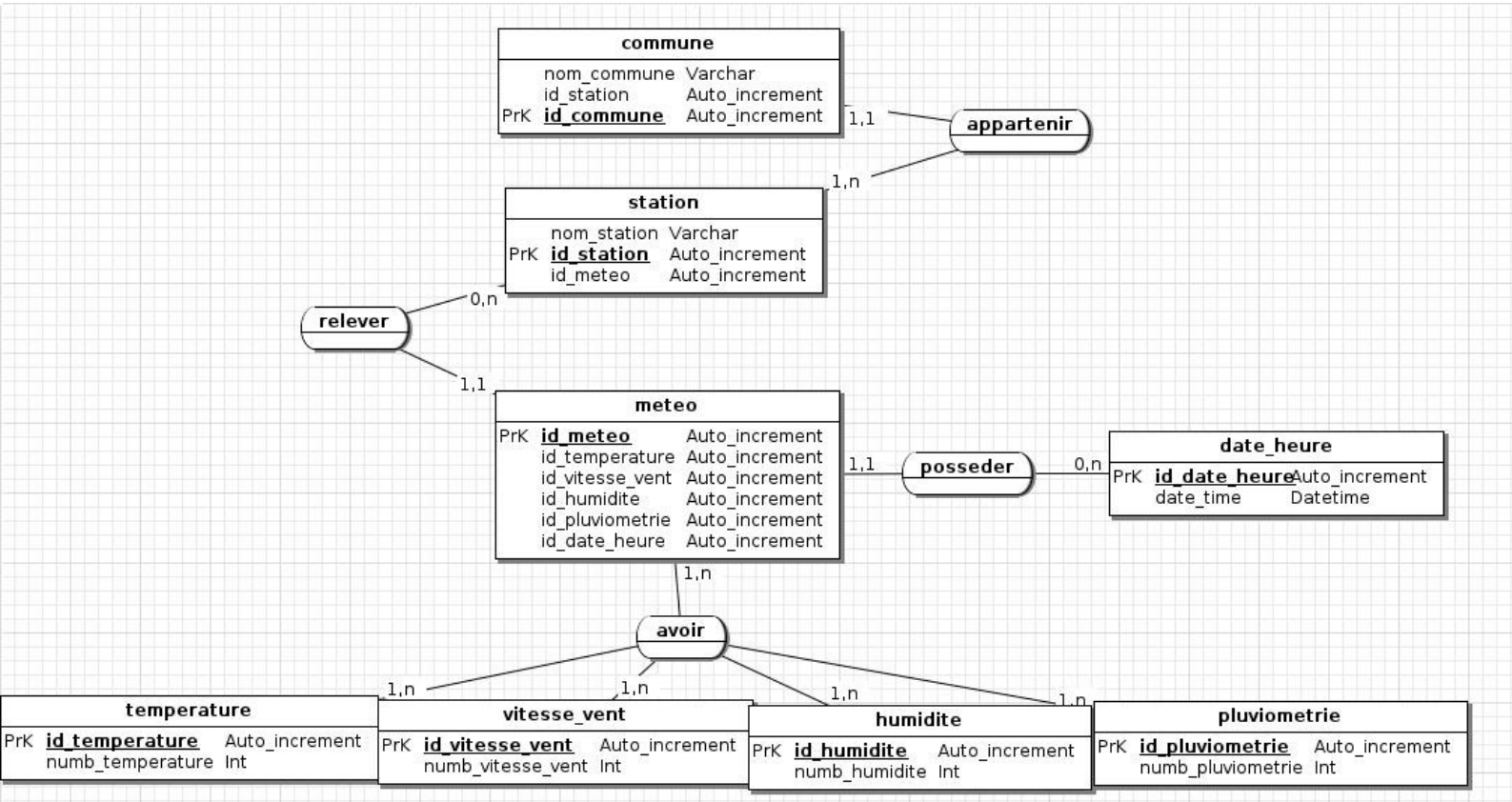
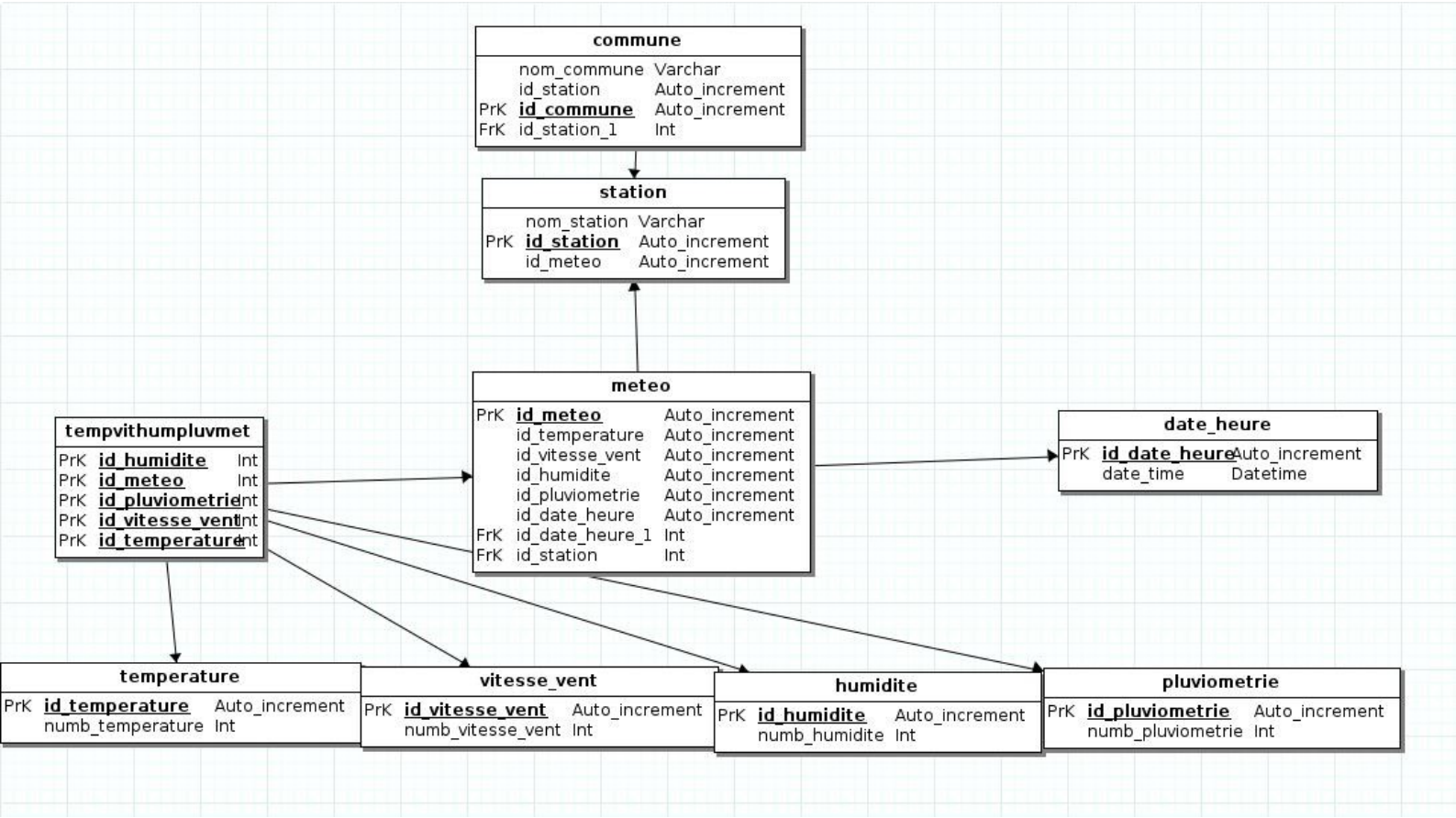
Descritpion	Type	Longueur	Exemple	Nom_colonne	Contraintes
nom_commune	AN	30	Foix	nom_commune	Obligatoire,>0
Id_station	N	infini	1	Id_station	Obligatoire,>=0 auto-increment
nom_station	AN	30	le-coq	nom_station	Obligatoire,>0
Id_station	N	infini	1	Id_station	Obligatoire,>=0 auto-increment
id_meteo	N	infini	1	id_meteo	Obligatoire,>=0 auto-increment
id_date-heure	N	infini	1	id_date-heure	Obligatoire,>=0 auto-increment
Date-heure en fr	Date/heure	15	15/02/1997: 22.23	date-heure	Obligatoire,>=0
Temperature en °c	N	15	10	temperature	Obligatoire
id_temperature	N	infini	1	id_temperature	Obligatoire,>=0 auto-increment
Humidité en %	N	15	70	humidite	Obligatoire,>=0
id_humidité	N	infini	1	id_humidité	Obligatoire,>=0 auto-increment
vitesse_vent en km/h	N	15	12	vitesse_vent	Obligatoire,>=0
id_vitesse_vent	N	infini	1	id_vitesse_vent	Obligatoire,>=0 auto-increment
Pluviométrie en mm	N	15	10	pluviometrie	Obligatoire,>

					=0
id_pluviometrie	N	infini	1	id_pluviometrie	Obligatoire,>=0 auto-increment
id_meteo	N	infi	1	id_meteo	Obligatoire,>=0 auto-increment
id_commune	N	infini	1	if_commune	Obligatoire,>=0 auto-increment

MCD


commune
nom_commune Varchar
id_station Auto_increment
PrK id_commune Auto_increment
1,1
appartenir
1,n
station
nom_station Varchar
PrK id_station Auto_increment
id_meteo Auto_increment
0,n
relever
1,1
meteo
PrK id_meteo Auto_increment
id_temperature Auto_increment
id_vitesse_vent Auto_increment
id_humidite Auto_increment
id_pluviometrie Auto_increment
id_date_heure Auto_increment
1,1
posseder
0,n
date_heure
PrK id_date_heure Auto_increment
date_time Datetime
1,n
avoir
1,n
1,n
1,n
1,n
temperature
PrK id_temperature Auto_increment
numb_temperature Int
vitesse_vent
PrK id_vitesse_vent Auto_increment
numb_vitesse_vent Int
humidite
PrK id_humidite Auto_increment
numb_humidite Int
pluviometrie
PrK id_pluviometrie Auto_increment
numb_pluviometrie Int

MLD


commune
nom_commune Varchar
id_station Auto_increment
PrK id_commune Auto_increment
FrK id_station_1 Int
station
nom_station Varchar
PrK id_station Auto_increment
id_meteo Auto_increment
meteo
PrK id_meteo Auto_increment
id_temperature Auto_increment
id_vitesse_vent Auto_increment
id_humidite Auto_increment
id_pluviometrie Auto_increment
id_date_heure Auto_increment
FrK id_date_heure_1 Int
FrK id_station Int
tempvithumpluvmet
PrK id_humidite Int
PrK id_meteo Int
PrK id_pluviometrie Int
PrK id_vitesse_vent Int
PrK id_temperature Int
date_heure
PrK id_date_heure Auto_increment
date_time Datetime
temperature
PrK id_temperature Auto_increment
numb_temperature Int
vitesse_vent
PrK id_vitesse_vent Auto_increment
numb_vitesse_vent Int
humidite
PrK id_humidite Auto_increment
numb_humidite Int
pluviometrie
PrK id_pluviometrie Auto_increment
numb_pluviometrie Int

MPD

```
-------------------------------------------------------
--       Script Postgre
-------------------------------------------------------



-------------------------------------------------------
-- Table: temperature
-------------------------------------------------------
CREATE TABLE public.temperature(
    id_temperature   SERIAL NOT NULL ,
    numb_temperature INT   ,
CONSTRAINT prk_constraint_temperature PRIMARY KEY
(id_temperature)
)WITHOUT OIDS;


-------------------------------------------------------
-- Table: vitesse_vent
-------------------------------------------------------
CREATE TABLE public.vitesse_vent(
    id_vitesse_vent   SERIAL NOT NULL ,
    numb_vitesse_vent INT   ,
CONSTRAINT prk_constraint_vitesse_vent PRIMARY KEY
(id_vitesse_vent)
)WITHOUT OIDS;


-------------------------------------------------------
-- Table: humidite
-------------------------------------------------------
CREATE TABLE public.humidite(
    id_humidite   SERIAL NOT NULL ,
    numb_humidite INT   ,
CONSTRAINT prk_constraint_humidite PRIMARY KEY (id_humidite)
)WITHOUT OIDS;


-------------------------------------------------------
-- Table: pluviometrie
```

```
-------------------------------------------------------------
CREATE TABLE public.pluviometrie(
    id_pluviometrie   SERIAL NOT NULL ,
        numb_pluviometrie INT   ,
CONSTRAINT prk_constraint_pluviometrie PRIMARY KEY
(id_pluviometrie)
)WITHOUT OIDS;


-------------------------------------------------------------
-- Table: meteo
-------------------------------------------------------------
CREATE TABLE public.meteo(
    id_meteo       SERIAL NOT NULL ,
  id_temperature  SERIAL NOT NULL ,
  id_vitesse_vent SERIAL NOT NULL ,
    id_humidite    SERIAL NOT NULL ,
  id_pluviometrie SERIAL NOT NULL ,
  id_date_heure   SERIAL NOT NULL ,
        id_date_heure_1 INT   ,
          id_station     INT   ,
CONSTRAINT prk_constraint_meteo PRIMARY KEY (id_meteo)
)WITHOUT OIDS;


-------------------------------------------------------------
-- Table: date_heure
-------------------------------------------------------------
CREATE TABLE public.date_heure(
    id_date_heure SERIAL NOT NULL ,
          date_time     DATE   ,
CONSTRAINT prk_constraint_date_heure PRIMARY KEY
(id_date_heure)
)WITHOUT OIDS;


-------------------------------------------------------------
-- Table: station
-------------------------------------------------------------
CREATE TABLE public.station(
     nom_station VARCHAR (25)  ,
    id_station  SERIAL NOT NULL ,
    id_meteo    SERIAL NOT NULL ,
```

```
    CONSTRAINT prk_constraint_station PRIMARY KEY (id_station)
)WITHOUT OIDS;


-----------------------------------------------------------
-- Table: commune
-----------------------------------------------------------
CREATE TABLE public.commune(
    nom_commune  VARCHAR (25)  ,
    id_station   SERIAL NOT NULL ,
    id_commune   SERIAL NOT NULL ,
    id_station_1 INT   ,
CONSTRAINT prk_constraint_commune PRIMARY KEY (id_commune)
)WITHOUT OIDS;


-----------------------------------------------------------
-- Table: tempvithumpluvmet
-----------------------------------------------------------
CREATE TABLE public.tempvithumpluvmet(
    id_humidite     INT  NOT NULL ,
    id_meteo        INT  NOT NULL ,
    id_pluviometrie INT  NOT NULL ,
    id_vitesse_vent INT  NOT NULL ,
    id_temperature  INT  NOT NULL ,
CONSTRAINT prk_constraint_tempvithumpluvmet PRIMARY KEY
(id_humidite,id_meteo,id_pluviometrie,id_vitesse_vent,id_temperature)
)WITHOUT OIDS;



ALTER TABLE public.meteo ADD CONSTRAINT FK_meteo_id_date_heure_1
FOREIGN KEY (id_date_heure_1) REFERENCES
public.date_heure(id_date_heure);
ALTER TABLE public.meteo ADD CONSTRAINT FK_meteo_id_station
FOREIGN KEY (id_station) REFERENCES public.station(id_station);
ALTER TABLE public.commune ADD CONSTRAINT
FK_commune_id_station_1 FOREIGN KEY (id_station_1) REFERENCES
public.station(id_station);
ALTER TABLE public.tempvithumpluvmet ADD CONSTRAINT
FK_tempvithumpluvmet_id_humidite FOREIGN KEY (id_humidite)
REFERENCES public.humidite(id_humidite);
ALTER TABLE public.tempvithumpluvmet ADD CONSTRAINT
```

```
FK_tempvithumpluvmet_id_meteo FOREIGN KEY (id_meteo) REFERENCES public.meteo(id_meteo);
ALTER TABLE public.tempvithumpluvmet ADD CONSTRAINT FK_tempvithumpluvmet_id_pluviometrie FOREIGN KEY (id_pluviometrie) REFERENCES public.pluviometrie(id_pluviometrie);
ALTER TABLE public.tempvithumpluvmet ADD CONSTRAINT FK_tempvithumpluvmet_id_vitesse_vent FOREIGN KEY (id_vitesse_vent) REFERENCES public.vitesse_vent(id_vitesse_vent);
ALTER TABLE public.tempvithumpluvmet ADD CONSTRAINT FK_tempvithumpluvmet_id_temperature FOREIGN KEY (id_temperature) REFERENCES public.temperature(id_temperature);
```