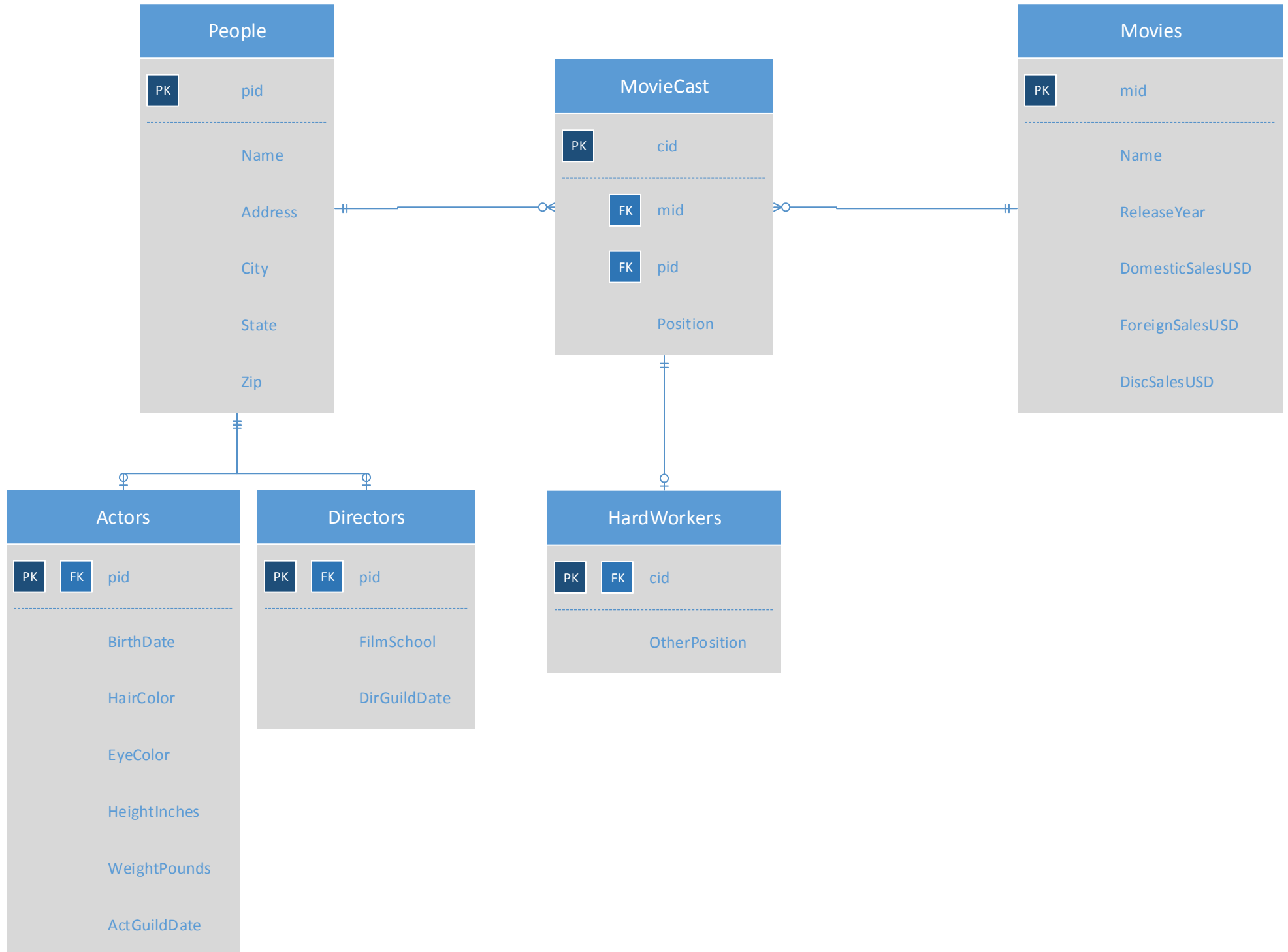# Entity-Relationship Diagram

Tables 1

People

```
CREATE TABLE people (
  pid        char(4) not null,
  name       text,
  address    text,
  city       text,
  state      text,
  zip        int,
  primary key(pid)
);
```

```
INSERT INTO people(pid, name, address, city, state, zip)
  VALUES('p001', 'Sean Connery', '555 Broadway', 'New York', 'NY', '10023'),
        ('p002', 'Woody Allen', '21400 Mulholland Drive', 'Los Angeles', 'CA', '90008'),
        ('p003', 'Matt Damon', '678 Fifth Avenue', 'New York', 'NY', '10280'),
        ('p004', 'Terence Young', '123 Heaven Street', 'Honolulu', 'HI', '96804'),
        ('p005', 'Christopher Nolan', '1007 Mountain Drive', 'Gotham', 'NY', '10460'),
        ('p006', 'Clint Eastwood', '108 Cool Lane', 'Los Angeles', 'CA', '90210');
```

pid -> (name, address, city, state, zip)

Actors

```
CREATE TABLE actors (
  pid              char(4) not null references people(pid),
  birthdate        date,
  haircolor        text,
  eyecolor         text,
  heightinches     int,
  weightpounds     int,
  actguilddate     date,
  primary key(pid)
);
```

Directors

```
CREATE TABLE directors (
  pid            char(4) not null references people(pid),
  filmschool     text,
  dirguilddate   date,
  primary key(pid)
);
```

Tables 2

Movies

```
CREATE TABLE movies (
  mid               char(4) not null,
  name              text,
  releaseyear       int,
  domesticsalesusd  numeric(12,2),
  foreignsalesusd   numeric(12,2),
  discsalesusd      numeric(12,2),
 primary key(mid)
);
```

MovieCast

```
CREATE TABLE moviecast (
  cid        char(4) not null,
  mid        char(4) not null references movies(mid),
  pid        char(4) not null references people(pid),
  position  text,
 primary key(cid)
);
```

HardWorkers

```
CREATE TABLE hardworkers (
  cid              char(4) not null references moviecast(cid),
  otherposition  text,
 primary key(cid)
);
```