

```
CREATE TABLE "FilmArtists" (  
  "fid" INT NOT NULL,  
  "name" VARCHAR(30) NOT NULL,  
  "address" VARCHAR(30) NOT NULL,  
  "spouseName" VARCHAR(30),  
  PRIMARY KEY (fid)  
);
```

```
CREATE TABLE "Actor" (  
  "aid" INT NOT NULL,  
  "fid" INT REFERENCES FilmArtists(fid) NOT NULL,  
  "birthDate" DATE,  
  "hairColor" VARCHAR(30),  
  "eyeColor" VARCHAR(30),  
  "height" VARCHAR(30),  
  "weightInLBS" DECIMAL(3,2),  
  "favoriteColor" VARCHAR(30),  
  "screenActorsGuildAnniDate" DATE,  
  PRIMARY KEY (aid)  
);
```

```
CREATE TABLE "Director" (  
  "did" INT NOT NULL,  
  "fid" INT REFERENCES FilmArtists(fid) NOT NULL,  
  "filmSchool" VARCHAR(30),  
  "directorsGuildAnniDate" DATE,  
  "favLensMaker" VARCHAR(30),  
  PRIMARY KEY (did)  
);
```

```
CREATE TABLE "Movies" (  
  "MPAA" INT NOT NULL,  
  "did" INT REFERENCES Director(did) NOT NULL,  
  "aid" INT REFERENCES Actor(aid) NOT NULL,  
  "title" VARCHAR(30),  
  "yearReleased" NUMERIC(4),  
  "domesticOfficeSales" NUMERIC(10,2),  
  "foreignOfficeSales" NUMERIC(10,2),  
  "DVDblueRaySales" NUMERIC(10,2),  
  PRIMARY KEY (MPAA)  
);
```

## Functional Dependencies

fid  $\rightarrow$  name, address, spouseName

did → filmSchool, directorsGuildAnniDate, favLensMaker

aid → birthDate, hairColor, eyeColor, height, weight, favoriteColor, screenActorsGuildAnniDate

MPAA → title, yearReleased, domesticOfficeSales, foreignOfficeSales, DVDblueRaySales

### Query

[illegible]

# MOVIES ER DIAGRAM

