

The relational database `moviedb` has the following database schema:

MOVIE(title, production_year, country, run_time, major_genre)
primary key : {title, production_year}

PERSON(id, first_name, last_name, year_born)
primary key : {id}

AWARD(award_name, institution, country)
primary key : {award_name}

RESTRICTION_CATEGORY(description, country)
primary key : {description, country}

DIRECTOR(id, title, production_year)
primary key : {title, production_year}
foreign keys : [title, production_year] \subseteq MOVIE[title, production_year]
[id] \subseteq PERSON[id]

WRITER(id, title, production_year, credits)
primary key : {id, title, production_year}
foreign keys : [title, production_year] \subseteq MOVIE[title, production_year]
[id] \subseteq PERSON[id]

CREW(id, title, production_year, contribution)
primary key : {id, title, production_year}
foreign keys : [title, production_year] \subseteq MOVIE[title, production_year]
[id] \subseteq PERSON[id]

SCENE(title, production_year, scene_no, description)
primary key : {title, production_year, scene_no}
foreign keys : [title, production_year] \subseteq MOVIE[title, production_year]

ROLE(id, title, production_year, description, credits)
primary key : {title, production_year, description}
foreign keys : [title, production_year] \subseteq MOVIE[title, production_year]
[id] \subseteq PERSON[id]

RESTRICTION(title, production_year, description, country)
primary key : {title, production_year, description, country}
foreign keys : [title, production_year] \subseteq MOVIE[title, production_year]
[description, country] \subseteq RESTRICTION_CATEGORY[description, country]

APPEARANCE(title, production_year, description, scene_no)
 primary key : {title, production_year, description, scene_no}
 foreign keys : [title, production_year, scene_no] \subseteq SCENE[title, production_year, scene_no]
 [title, production_year, description] \subseteq ROLE[title, production_year, description]

MOVIE_AWARD(title, production_year, award_name, year_of_award, category, result)
 primary key : {title, production_year, award_name, year_of_award, category}
 foreign keys : [title, production_year] \subseteq MOVIE[title, production_year]
 [award_name] \subseteq AWARD[award_name]

CREW_AWARD(id, title, production_year, award_name, year_of_award, category, result)
 primary key : {id, title, production_year, award_name, year_of_award, category}
 foreign keys : [id, title, production_year] \subseteq CREW[id, title, production_year]
 [award_name] \subseteq AWARD[award_name]

DIRECTOR_AWARD(title, production_year, award_name, year_of_award, category, result)
 primary key : {title, production_year, award_name, year_of_award, category}
 foreign keys : [title, production_year] \subseteq DIRECTOR[title, production_year]
 [award_name] \subseteq AWARD[award_name]

WRITER_AWARD(id, title, production_year, award_name, year_of_award, category, result)
 primary key : {id, title, production_year, award_name, year_of_award, category}
 foreign keys : [id, title, production_year] \subseteq WRITER[id, title, production_year]
 [award_name] \subseteq AWARD[award_name]

ACTOR_AWARD(title, production_year, description, award_name, year_of_award, category, result)
 primary key : {title, production_year, description, award_name, year_of_award, category}
 foreign keys : [award_name] \subseteq AWARD[award_name]
 [title, production_year, description] \subseteq ROLE[title, production_year, description]

There are five different categories of awards: movie awards, crew awards, director awards, writer awards and actor awards. A movie can only win an award after being nominated for the award.