

-- MySQL Workbench Forward Engineering

SET @OLD_UNIQUE_CHECKS=@@UNIQUE_CHECKS, UNIQUE_CHECKS=0;

SET @OLD_FOREIGN_KEY_CHECKS=@@FOREIGN_KEY_CHECKS, FOREIGN_KEY_CHECKS=0;

SET @OLD_SQL_MODE=@@SQL_MODE,
SQL_MODE='ONLY_FULL_GROUP_BY,STRICT_TRANS_TABLES,NO_ZERO_IN_DATE,NO_ZERO_DATE,ERROR_FOR_DIVISION_BY_ZERO,NO_ENGINE_SUBSTITUTION';

-- Schema mydb

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CREATE SCHEMA IF NOT EXISTS `mydb` DEFAULT CHARACTER SET utf8 ;

USE `mydb` ;

-- Table `mydb`.`movie_director`

CREATE TABLE IF NOT EXISTS `mydb`.`movie_director` (

 `mov_id` INT NOT NULL,

 `director_fname` VARCHAR(45) NOT NULL,

 `director_lname` VARCHAR(45) NOT NULL,

 PRIMARY KEY (`mov_id`),

```
UNIQUE INDEX `mov_id_UNIQUE` (`mov_id` ASC) VISIBLE)
ENGINE = InnoDB;
```

```
-- Table `mydb`.`movie`
```

```
CREATE TABLE IF NOT EXISTS `mydb`.`movie` (
  `mov_id` INT NOT NULL,
  `mov_title` CHAR(45) NOT NULL,
  `mov_rel_date_year` DATE NOT NULL,
  `mov_lang` CHAR(45) NOT NULL,
  `mov_country` CHAR(45) NOT NULL,
  `mov_duration` INT NOT NULL,
  PRIMARY KEY (`mov_id`),
  UNIQUE INDEX `mov_id_UNIQUE` (`mov_id` ASC) VISIBLE,
  CONSTRAINT `mov_id`
    FOREIGN KEY (`mov_id`)
    REFERENCES `mydb`.`movie_director` (`mov_id`)
    ON DELETE NO ACTION
    ON UPDATE NO ACTION)
ENGINE = InnoDB;
```

-- Table `mydb`.`actor`

```
CREATE TABLE IF NOT EXISTS `mydb`.`actor` (  
  `act_id` INT NOT NULL,  
  `act_fname` VARCHAR(255) NOT NULL,  
  `actor_lname` VARCHAR(255) NOT NULL,  
  `actor_gender` CHAR(10) NOT NULL,  
  `actor_DOB` DATE NOT NULL,  
  PRIMARY KEY (`act_id`),  
  UNIQUE INDEX `act_id_UNIQUE` (`act_id` ASC) VISIBLE)  
ENGINE = InnoDB;
```

-- Table `mydb`.`rating`

```
CREATE TABLE IF NOT EXISTS `mydb`.`rating` (  
  `mov_id` INT NOT NULL,  
  `num_o_stars` INT NOT NULL,  
  PRIMARY KEY (`mov_id`),  
  UNIQUE INDEX `mov_id_UNIQUE` (`mov_id` ASC) VISIBLE,  
  CONSTRAINT `mov_id`  
    FOREIGN KEY (`mov_id`)  
    REFERENCES `mydb`.`movie` (`mov_id`)  
    ON DELETE NO ACTION
```

ON UPDATE NO ACTION)

ENGINE = InnoDB;

```
-----  
-- Table `mydb`.`mov_genre`  
-----
```

```
CREATE TABLE IF NOT EXISTS `mydb`.`mov_genre` (  
  `mov_id` VARCHAR(45) NOT NULL,  
  `genre_name` VARCHAR(45) NOT NULL,  
  PRIMARY KEY (`mov_id`),  
  UNIQUE INDEX `mov_id_UNIQUE` (`mov_id` ASC) VISIBLE)  
ENGINE = InnoDB;
```

```
-----  
-- Table `mydb`.`Award`  
-----
```

```
CREATE TABLE IF NOT EXISTS `mydb`.`Award` (  
  `Award_id` INT NOT NULL,  
  `mov_id` INT NOT NULL,  
  `title` VARCHAR(255) NOT NULL,  
  PRIMARY KEY (`Award_id`),  
  INDEX `mov_id_idx` (`mov_id` ASC) VISIBLE,  
  UNIQUE INDEX `Award_id_UNIQUE` (`Award_id` ASC) VISIBLE,
```

```

CONSTRAINT `mov_id`

FOREIGN KEY (`mov_id`)

REFERENCES `mydb`.`movie` (`mov_id`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB;

-----

-- Table `mydb`.`movie_cast`
-----

CREATE TABLE IF NOT EXISTS `mydb`.`movie_cast` (

  `mov_id` INT NOT NULL,

  `act_id` INT NOT NULL,

  PRIMARY KEY (`mov_id`, `act_id`),

  UNIQUE INDEX `mov_id_UNIQUE` (`mov_id` ASC) VISIBLE,

  UNIQUE INDEX `act_id_UNIQUE` (`act_id` ASC) VISIBLE,

  CONSTRAINT `act_id`

    FOREIGN KEY (`act_id`)

      REFERENCES `mydb`.`actor` (`act_id`)

        ON DELETE NO ACTION

        ON UPDATE NO ACTION,

  CONSTRAINT `mov_id`

    FOREIGN KEY (`mov_id`)

      REFERENCES `mydb`.`movie` (`mov_id`)

```

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB;

```
-- -----  
-- Table `mydb`.`mov_genre_has_movie`  
-- -----  
  
CREATE TABLE IF NOT EXISTS `mydb`.`mov_genre_has_movie` (  
  `mov_genre_mov_id` VARCHAR(45) NOT NULL,  
  `movie_mov_id` INT NOT NULL,  
  PRIMARY KEY (`mov_genre_mov_id`, `movie_mov_id`),  
  INDEX `fk_mov_genre_has_movie_movie1_idx` (`movie_mov_id` ASC) VISIBLE,  
  INDEX `fk_mov_genre_has_movie_mov_genre1_idx` (`mov_genre_mov_id` ASC) VISIBLE,  
  CONSTRAINT `fk_mov_genre_has_movie_mov_genre1`  
    FOREIGN KEY (`mov_genre_mov_id`)  
    REFERENCES `mydb`.`mov_genre` (`mov_id`)  
    ON DELETE NO ACTION  
    ON UPDATE NO ACTION,  
  CONSTRAINT `fk_mov_genre_has_movie_movie1`  
    FOREIGN KEY (`movie_mov_id`)  
    REFERENCES `mydb`.`movie` (`mov_id`)  
    ON DELETE NO ACTION  
    ON UPDATE NO ACTION)  
  
ENGINE = InnoDB;
```

```
SET SQL_MODE=@OLD_SQL_MODE;
```

```
SET FOREIGN_KEY_CHECKS=@OLD_FOREIGN_KEY_CHECKS;
```

```
SET UNIQUE_CHECKS=@OLD_UNIQUE_CHECKS;
```