

OO Class Model

Movie
movieId[1] : PositiveInteger {id}
title[1] : String
releaseDate [1] : Date
director[1] : Person
actors[*]: Person

Person
personId[1] : PositiveInteger {id}
name[1] : String

JS Class Model

Movie
<<get/set>> movieId[1] : number(int) {id}
<<get/set>> title[1] : string
<<get/set>> releaseDate [1] : Date
<<get/set>> director[1] : Person
<<get/set>> actors[*]: Person
checkMovieId (in movieId : number(int)) : ConstraintViolation
checkMovieIdasId (in movieId : number(int)) : ConstraintViolation
checkTitle (in title : string) : ConstraintViolation
checkReleaseDate (in releaseDate : Date) : ConstraintViolation
checkDirector (in director : Person) : ConstraintViolation
checkActor (in actors : Person) : ConstraintViolation
addActor (in actors : Person)
removeActor (in actors : Person)

Person
<<get/set>> personId[1] : number(int) {id}
<<get/set>> name[1] : string
checkName (in name : string) : ConstrainViolation
checkPersonId (in personId : number(int)) : ConstraintViolation
checkPersonIdAsId (in personId : number(int)) : ConstraintViolation
checkPersonIdAsIdRef (in personId : number(int)) : ConstraintViolation