OO Class Model:

Movie

movield [1]: PositiveInteger {id}

title [1]: NonEmptyString

releaseDate [1] : Date

director [1]: Person

actors [*] : Person

Person

personId [1]: PositiveInteger {id}

name [1] : NonEmptyString

JS Class Model:

Movie

«get/set» movield [1] : number(int) {id}

«get/set» title [1] : string

«get/set» releaseDate [1] : Date

«get/set» director [1]: Person

«get/set» actors [*] : Person

checkMovield(in movield : number(int)) : ConstraintViolation

checkMovieldAsId(in movield : number(int)) : ConstraintViolation

checkTitle(in title : string) : ConstraintViolation

<u>checkReleaseDate(in releaseDate : Date) : ConstraintViolation</u>

checkDirector(in d : Person) : ConstraintViolation

checkActor(in a : Person) : ConstraintViolation

addActor(in a:Person)

removeActor(in a:Person)

Person

«get/set» personId [1] : number(int) {id}

«get/set» name [1] : string

checkPersonId(in personId : number(int)) : ConstraintViolation

checkPersonIdAsId(in personId : number(int)) : ConstraintViolation

checkPersonIdAsIdRef(in personId : number(int)) : ConstraintViolation

checkName(in name : string) : ConstraintViolation