## 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
«get/set» category[0..1] : MovieCategoryEL {frozen}
«get/set» episodeNo[0..1] : PositiveInteger
«get/set» tvSeriesName[0..1] : NonEmptyString
«get/set» about [0..1] : 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 d : Person) : ConstraintViolation
checkActor(in a : Person) : ConstraintViolation
addActor(in a:Person)
removeActor(in a:Person)
checkCategory(in type : number) : ConstraintViolation
checkEpisodeNo(in n : number) : ConstraintViolation
checkTvSeriesName(in name : String) : ConstraintViolation
checkAbout(in a : Person) : ConstraintViolation

## Person

«get/set» personId [1] : number(int) {id}
«get/set» name [1] : string
«get/set» category[0..1] : PersonTypeEL {frozen}
«get/set» agent [0..1] : Person

checkPersonId(in personId : number(int)) : ConstraintViolation
checkPersonIdAsId(in personId : number(int)) : ConstraintViolation
checkPersonIdAsIdRef(in personId : number(int)) : ConstraintViolation
checkName(in name : string) : ConstraintViolation
checkCategory(in type : number) : ConstraintViolation
checkAgent(in a : Person) : ConstraintViolation

---

«enumeration»
**PersonTypeEL**

Actor
Director

---

«enumeration»
**MovieCategoryEL**

TvSeriesEpisode
Biography