

Standalone classes	modifiers	relations	definables
Company Movie <ul style="list-style-type: none"> <li>- direct to video</li> <li>- made for television</li> </ul> Person	Gender <ul style="list-style-type: none"> <li>- male</li> <li>- female</li> </ul> Movie category Drama <ul style="list-style-type: none"> <li>- historical</li> <li>- romantic</li> </ul> Horror name title	Is_produced_by Produces Is_directed_by Directs Plays_a_part_in Crews hasTitle hasGender hasCategory	Director Actor Crewmember MoviePC lucasfilm(instance)

name	domain	range	asymetric	transitive	functional	Inverse functional	reflexive
Is_produced_by	Movie	MoviePC	X		X		
Produces	MoviePC	Movie	X			X	
Is_directed_by	Movie	Director	X				
Directs	Director	Movie	X				
Plays_a_part_in	Actor	Movie	X				
Crews	Crewmember	Movie	X				
hasTitle	Movie	Title	X				
hasGender	Person	Gender	X		X		
hasCategory	Movie	Category	X				
hasName	Actor	Name	X				
is_name_of	Name	Actor	X		?		

Definitions:

Director – Person and directs some movie

Actor – Person and plays a part in some movie

Crewmember – person and crews some movie

MoviePC – Company and produces some movie

- (i) using MoviePC, Produces, Movie and Genre
- (ii) Direct\_to\_video, Movie, Directs, Director, Person and gender
- (iii) Name, is\_name\_of, Person, Actor, Plays\_part\_in, Movie