

CLASS DIAGRAM

MODELS	Dvd	Actor	Studio	BorrowInfo
<u>Props</u>	<i>Dict - <LastName, Actor> - Actors</i> <i>BorrowInfo? - borrowInfo</i> <i>Director - director</i> <i>Studio - studio</i> Int - DvdId Str - Title DateTime - ReleaseDate Enum - MPAAARating Double - AverageRating	Str - FirstName Str - LastName Int - ActorId	Int - StudioId Str - StudioName	Int - DvdId Str - BorrowerFN Str - BorrowerLN DT - BorrowStartDT DT - BorrowEndDT Db - BorrowerRating Str - BorrowerComment
<u>Methods</u>				

DATA	DvdRepository
<u>Props</u>	<i>Dict - <LastName, Actor> - Actors</i> <i>Dvd - _currentDvd</i>
<u>Methods</u>	GetAllDvds() GetAllAvailableDvds() GetDvdByTitle(Title) GetDvdsByActorId(ActorId) GetDvdsByStudioId(StudioId) GetDvdsByAverageRating(AverageRating) GetDvdsByMPAAARating(MPAAARating) GetBorrowerRatings(DvdId) <hr/> DeleteDvd(DvdId) AddDvd(Dvd)

BLL	DvdOperations
<u>Props</u>	<i>Dict - <LastName, Actor> - Actors</i> <i>Dvd - _currentDvd</i>
<u>Methods</u>	CalculateAverageRating()

UI	HomeController
<u>Props</u>	
<u>Methods</u>	