BlackBox Movie System

RentItem

String custName
String movieName
String movieID
String rentData
String movieData
String rentID
String rent_dateOut_txt
String rent_dateIn_txt
String rent_clientID_txt
String rent_movieID_txt
String rentalID_txt
String movie_title_txt
String movie_id_txt
String rented_txt
Rental_View view

genMovieID()
getRentID()
addNewMovie()
movieList()
showCurrRent()
showMovieHis()
customerRentalSearch()
rentMovie()
returnMovie()
updtTextFile()
printMovieInfo
printRent()
printReturn()

Customer

Boolean deleted
String custName
String custID
String custData
String rentData
int rent_num
RentItem customerMovie

genNumber()
addNewCust()
delCust()
custList()
updtTextFile()
searchCust()
showAllCust()
tallyCustomerRental()
getCustRentalTally()
updtCustRentalTally()
getCustName()
getCustID()
custID()
printCustInfo()
searchCust()
getInfo()

**«interface»
MovieObserver**

updateMovie()

**«interface»
Cust_InfoObserver**

updateCustomer()
updateRentInfo

**«interface»
ClientInterface**

registerObserver(Cust_InfoObserver)
removeObserver(Cust_InfoObserver)
notifyObserver()
registerMovie(MovieObserver)
removeMovie(MoiveObserver)
notifyMovie

Rental_View

displayCustInfo()
displayMovie()
displayRentInfo()

**«interface»
ViewInterface**

displayRentInfo()
displayovie()
displayCustomer()

**«interface»
ModelInterface**

Customer rentCustomer
RentItem rentMovie
updtTextFile(String modelItem)

ClientController

Customer model
RentItem movie
Rental_View view

ClientController (model, view)
ClientController(movie,view)