

## Class DatabaseManager

### Interfaces with the SQL database

Refactor Tony's code from the DBConnector class in JDBC project.

Has methods like book ticket, cancel ticket, get available seats for a show, etc

Methods:

getShow(String showName);

Returns a show object which we can use accessor methods on

getShow(Date dateOfShow);

Returns a show object which we can use accessor methods on

addShow();

printShow();

Prints show details to console

createBooking();

creates a booking for a certain seat for a certain play

browseShows()

Returns a list of all shows with start date being equal or later than the current date and start time later than the current time

createShow(constructor) invokes createShowSeats()

which invokes createShowCircleSeats() and createShowStallsSeat

CircleSeats and StallsSeat are basically boolean arrays

getCircleSeatAvailability(int seatNo)

Checks the availability of the given circle seat

getStallsSeatAvailability(int seatNo)

as above for stalls