

Choreganizer:

An organization app for roommates

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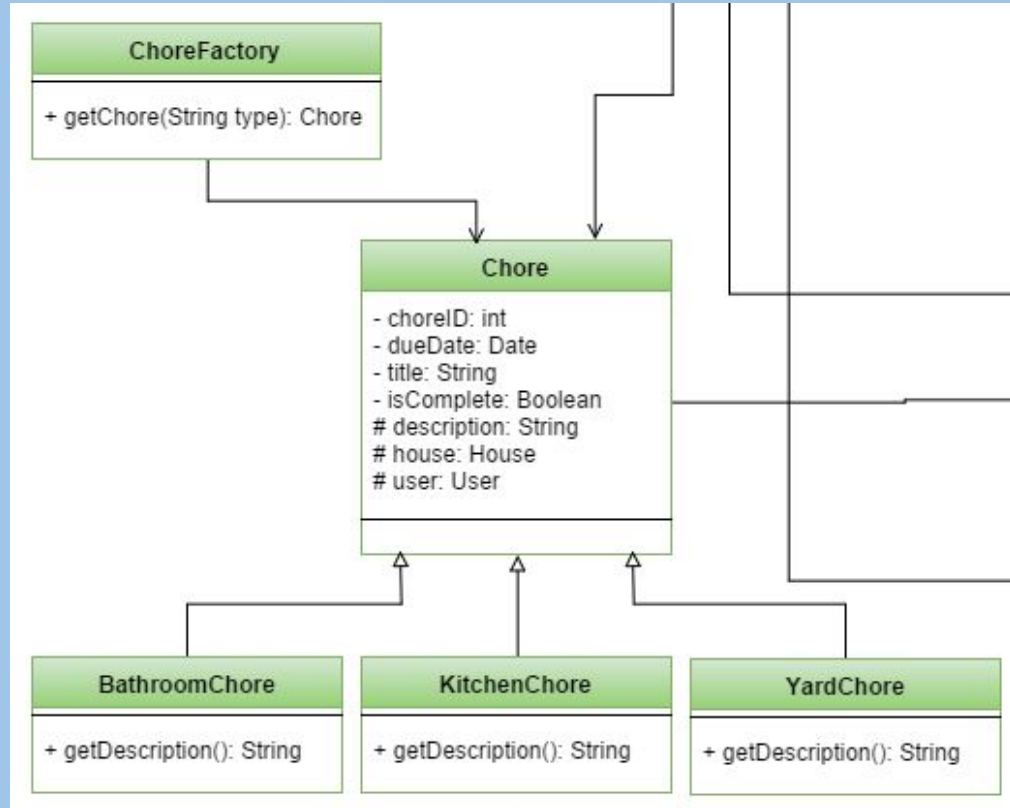
Demonstration

watch and be amazed

Video of Demo: <https://github.com/psevery/Choreganizr/blob/master/ChoreganizrDemo.swf>

Chore Factory

- Simple factory to create different types of chores
- Adhere to the Open/Closed Principle



DatabaseManager: Singleton

- Database access was facilitated through the use of the DBManager class.
- This was implemented as a Singleton because having multiple instances active could causes issues with concurrency.

DBManager
- databaseManager: DBManager
- DBManager() + getManager(): DB Manager + insertHouse(h: House): Long + getHouse(ID: int): House + updateHouse(h: House): void + deleteHouse(h: House): void + insertUser(u: User): Long + getUser(name: String): User + updateUser(u: User): void + insertChore(c: Chore): Long + deleteChore(c: Chore): void + validateLogin(username: String, passwd: String): Bool

MVC

View

- ViewChoreTabsPanel
- ManageChoreTabsPanel
- ViewChorePanel
- ManageChorePanel
- CreateChorePanel
- HomePanel
- Window

Controller

- House
 - Chore
 - User
- ChoreFactory

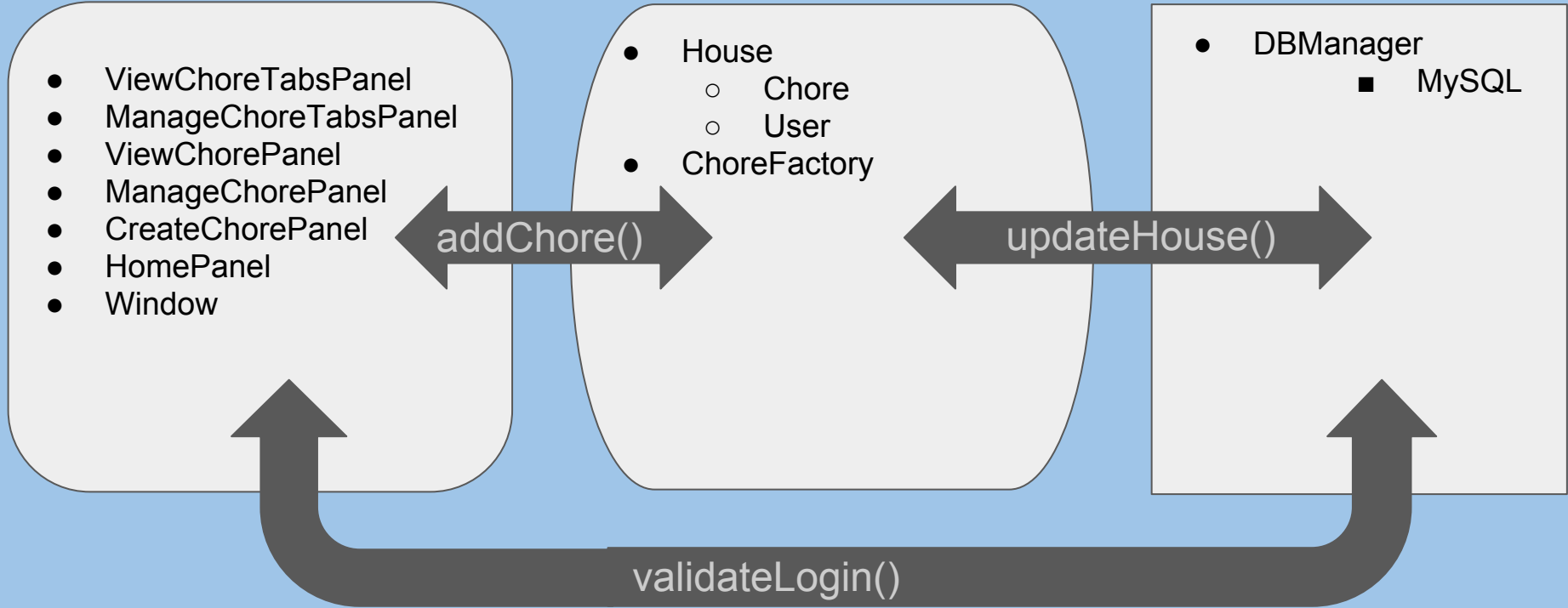
Model

- DBManager
 - MySQL

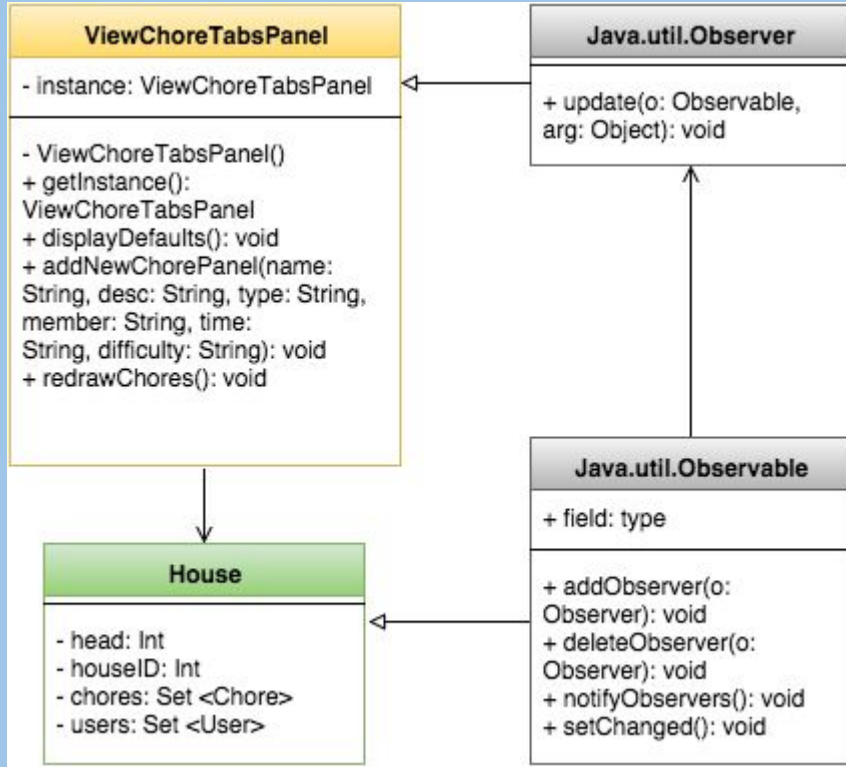
addChore()

updateHouse()

validateLogin()



ViewChoreTabsPanel: Observer



- ViewChoreTabsPanel observes House, updating when new Chores are added
- Creates the MVC architecture
- Good for low coupling

