

ILoginController		
userExistsInList(String)	boolean	
userTypeFromName(String)	String	
addNewSpeakerUser(String, String)	boolean	
loginUser(String, String)	boolean	
removeUser(String)	void	
exitAction()	void	
currentUserId	String	
currentUserType	String	
userService	UserService	

UserService		
addUser(String, String)	boolean	
userTypeFromUsers(String)	String	
userToPass(String, String)	boolean	
userExists(String)	boolean	
removeUser(String)	void	
listOfSpeakerId	ArrayList<String>	
listOfUserObjects	ArrayList<User>	
listOfAttendeeld	ArrayList<String>	

LoginController		
passwordInfo	String	
userAccounts	IUserAccountDataProvider	
LoginController(String, String, String)		
loginUser(String, String)	boolean	
addNewSpeakerUser(String, String)	boolean	
validInput(String)	boolean	
exitAction()	void	
removeUser(String)	void	
userExistsInList(String)	boolean	
userTypeFromName(String)	String	
currentUserId	String	
currentUserType	String	
userService	UserService	

UserServiceEngine		
addUser(String, String)	boolean	
removeUser(String)	void	
userTypeFromUsers(String)	String	
userExists(String)	boolean	
userToPass(String, String)	boolean	
listOfSpeakerId	ArrayList<String>	
listOfUserObjects	ArrayList<User>	
listOfAttendeeld	ArrayList<String>	

IUserAccountDataProvider		
read()	void	
writeToFile()	void	

UserAccountDataProvider		
address	String	
user_service	UserService	
UserAccountDataProvider(UserService, String)		
read()	void	
writeToFile()	void	
verifyFileFormat()	boolean	

LoginPresenter		
loginPromptUsername()	String	
loginPromptPassword()	String	
loginSuccess(String)	String	
loginFailed()	String	
addSpeakerUsernamePrompt()	String	
addSpeakerPasswordPrompt()	String	
newSpeakerAddedSuccess(String)	String	
newSpeakerAddedFailed()	String	
logOffPrompt(String)	String	
exitMessage()	String	
exitProgram()	String	

User		
User(String, String)		
userPassword	String	
userId	String	