## User - Username: String Message G\_id: int + GUID: Guid «interface» + Send(String, String): boolean + time: DateTime Imessage + body: String implements + user: User + toString: String ChatRoom + Save(): void - logged: User + ToString(): String - url: String - msgList: List<Message> - usersList: List<User> + DisplayList - log: log4net.lLog «interface» **INotifyPropertyChanged** MessageHandler : MessageHandler - UserHandler : UserHandler implements sortBtn:int - isReserved:bool + FirstMenu(): void ChatroomWindow LoginWindow + Register(): void + ch:ChatRoom + isLogged:bool + Login(): void + firstLog: boolean + ch:ChatRoom + Logged(): void + isConnected: boolean +btn\_LoginClick(): void + Retrieve(): int + retrieveTimer: Timer + btn\_exit\_Click():void + Send(string): int + Logout(): void + filter():void + sort():void + reverse:void UserHandler MessageHandler + Exit(): void - users: List<User> - Messages: List<Message> - filePath: String - filePath: String - GetList(): List<User> - GetList(): List<Message> + SaveNew(User): void + SaveNew(Message): void - retriveAll(): List<User> - retriveAll(): List<Message> + getAll(): List<User> + getAll(): List<Message> + load(): List<User> + load(): List<Message>