<<Java Class>>
UserMessageController
phase4.message

- △ userManager: UserManager

- ⚙ UserMessageController()
- ● sendMessage(Object[]):UUID
- ● replyMessage(Object[],UUID):UUID
- ■ constructMessage(Object[]):UUID
- ■ parseReceivers(Object[]):List<UUID>
- ● deleteMessageFromInbox(UUID,UUID):void
- ● addMessageToInbox(UUID,UUID):void
- ● addCreationLink(UUID,UUID,UUID):String
- ● load(Object[]):void

~messageManager | 0..1

<<Java Class>>
MessageManager
phase4.message

- ⚙ MessageManager()
- ● addMessage(UUID,List<UUID>,String,String,UUID):UUID
- ● getMessageInfo(UUID,String):String[]
- ● enough_char(String,int):String
- ● getMessageCreationLink(UUID):UUID
- ● AddFollowUpToMessage(UUID,UUID):void
- ● addCreationLink(UUID,UUID):void

-messages | 0..*

<<Java Class>>
Message
phase4.message

- ▫ messageID: UUID
- ▫ senderUserID: UUID
- ▫ receiverIDs: List<UUID>
- ▫ title: String
- ▫ content: String
- ▫ creationLink: UUID
- ▫ followUpMessageIDs: List<UUID>

- ⚙ Message(UUID,List<UUID>,String,String,UUID)
- ● getMessageID():UUID
- ● getSenderUserID():UUID
- ● getTitle():String
- ● getContent():String
- ● getCreationLink():UUID
- ● getReceiverIDs():List<UUID>
- ● getFollowUpMessageIDs():List<UUID>
- ● addFollowupMessage(UUID):void
- ● addCreationLink(UUID):void