Follower-Relations UML

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Profile

username : String

+ getUsername( ) : String
+ setUsername(username : String)

ProfileList

- profileList : ArrayList<Profile>

+ addProfile(profile : Profile)
+ getList( ) : ArrayList<Profile>
+ removeProfile(profile : Profile)
+ setList(profileList : ArrayList<Profile>)
+ clearList( )

UserProfile

- following : FollowerList
- followers : FollowerList
- requestInbox : FollowRequestInbox

+ followUser(profile : UserProfile)
+ unfollowUser(profile : UserProfile)
+ addFollower(profile : UserProfile)
+ removeFollower(profile : UserProfile)
+ sendFollowRequest(target : UserProfile)
+ recieveFollowRequest(sender : UserProfile)
+ getFollowers(profile: UserProfile)
+getFollowing(profile: UserProfile)

FollowerList

FollowRequestInbox

- requests : Arraylist<FollowRequest>
- owner : UserProfile

+ addRequest(request : FollowRequest)
+ removeRequest(request : FollowRequest)
+ acceptRequest(request : FollowRequest) : FollowRequest
+ denyRequest (request : FollowRequest)
+ setOwner(profille : UserProfile)
+ getOwner( ) : UserProfile

FollowReqest

- sender : UserProfile
- target : UserProfile

+ getSender( ) : UserProfile
+ setSender(profile : UserProfile)
+ getTarget( ) : UserProfile
+ setTarget(profile : UserProfile)