



<< interface type >>
IGroupManagement

getGroupIds(in rid: ResearcherId): GroupId []
getGroupDetails(in gid: GroupId): GroupDetails
getGroupDetailsForMany(in gids: GroupId []): GroupDetails []
leaveGroup(in rid: ResearcherId, in gid: GroupId): bool
joinGroup(in rid: ResearcherId, in gid: GroupId, in password: String): bool
createGroup(in name: String, in type: enum {PROJECT_GROUP, RESEARCH_GROUP}, in password: String): GroupId
getMemberIds(in gid: GroupId): ResearcherId []
checkPassword(in gid: GroupId, in password: String): bool

*



<< core >>
Group

gid: GroupId
Name: String
Password: String
creator: ResearcherId

addMember(in rid: ResearcherId): bool
deleteMember(in rid: ResearcherId): bool



<< data type >>
GroupDetails

gid: GroupId
name: String
type: GroupType
members: ResearcherId []