

UserAttribute
- _displayName: string
- _householdID: int
- _isEnabled: bool
- _canCreateAdmin: bool
- _canEnableAccount: bool
- _canEditProfile: bool
- _canViewProfile: bool
- _canDeleteAccount: bool
- _canSearchHousehold: bool
- _canSendMessage: bool
- _canViewMessage: bool
- _canDeleteMessage: bool
- _canReplyMessage: bool
- _canMarkMessage: bool
- _canSendInvite: bool
- _canViewInvite: bool
- _canAcceptInvite: bool
- _canDeclineInvite: bool
- _canCreateHousehold: bool
- _canViewHousehold: bool
- _canEditHousehold: bool
- _canViewTenants: bool
- _canPromoteTenants: bool
- _canDemoteTenants: bool
- _canRemoveTenants: bool
- _canLeaveHousehold: bool
- _canDisbandHousehold: bool
- _canCreateExpense: bool
- _canViewExpense: bool
- _canEditExpense: bool
- _canDeleteExpense: bool
- _canCreateTask: bool
- _canViewTask: bool
- _canEditTask: bool
- _canDeleteTask: bool
- _canCreateSRequest: bool
- _canEditSRequest: bool
- _canViewSRequest: bool
- _canDeleteSRequest: bool
- _householdID: int

AuthZFactory
- _createAnonAttribute(): UserAttribute
- _createUserAttribute(displayName, householdID, adminAuthz : UserAttribute
- _createTenantAttribute(displayName, householdID, adminAuthz): UserAttribute
- _createCoHostAttribute(displayName, householdID, adminAuthz): UserAttribute
- _createHostAttribute(): UserAttribute
+ createUserAuthZ(displayName, householdID, enum role, adminAuthZ): UserAttribute

AuthZHandler
+ authIsEnabled(userAttribute): bool
+ authCreateAdmin(userAttribute): bool
+ authEnableAccount(userAttribute): bool
+ authEditProfile(userAttribute): bool
+ authViewProfile(userAttribute): bool
+ authDeleteAccount(userAttribute): bool
+ authSearchHousehold(userAttribute, HouseholdDTO): bool
+ authSendMessage(userAttribute): bool
+ authViewMessage(userAttribute): bool
+ authDeleteMessage(userAttribute): bool
+ authReplyMessage(userAttribute): bool
+ authMarkMessage(userAttribute): bool
+ authSendInvite(userAttribute): bool
+ authViewInvite(userAttribute): bool
+ authAcceptInvite(userAttribute): bool
+ authDeleteInvite(userAttribute): bool
+ authCreateHousehold(userAttribute): bool
+ authViewHousehold(userAttribute, householdDTO): bool
+ authEditHousehold(userAttribute, householdDTO): bool
+ authViewTenants(userAttribute, householdDTO): bool
+ authPromoteTenants(userAttribute, householdDTO): bool
+ authDemoteTenants(userAttribute, householdDTO): bool
+ authRemoveTenants(userAttribute, householdDTO): bool
+ authLeaveHousehold(userAttribute, householdDTO): bool
+ authDisbandHousehold(userAttribute, householdDTO): bool
+ authCreateExpense(userAttribute, householdDTO): bool
+ authViewExpense(userAttribute, householdDTO): bool
+ authEditExpense(userAttribute, householdDTO): bool
+ authDeleteExpense(userAttribute, householdDTO): bool
+ authCreateTask(userAttribute, householdDTO): bool
+ authViewTask(userAttribute, householdDTO): bool
+ authEditTask(userAttribute, householdDTO): bool
+ authDeleteTask(userAttribute, householdDTO): bool
+ authCreateSRequest(userAttribute, householdDTO): bool
+ authEditSRequest(userAttribute, householdDTO): bool
+ authDeleteSRequest(userAttribute, householdDTO): bool

← creates

← requires