ristogo

common

<<use>>

server

storage

converters

EntityManager
- factory : EntityManagerFactory [1]
- levelDBManager : KVDBManager [1]
- threadLocal : ThreadLocal [1]
- init(properties : Properties)
- enableLevelDB()
- isLevelDBEnabled() : boolean[1]
- getLevelDBManager() : KVDBManager[1]
- createEM()
- getEM() : EntityManager[1]
- closeEM()
- close()
- closeFactory()
- getAll() : List[1]
- insert(entity : Entity_) : Entity_[1]
- get(entityClass : Class, entityId : int) : Entity_[1]
- load(entityClass : Class, entityId : int) : Entity_[1]
- load(entity : Entity_) : Entity_[1]
- update(entity : Entity_)
- delete(entity : Entity_)
- delete(entityClass : Class, entityId : int)
- refresh(entities : List)
- refresh(entity : Entity_)
- beginTransaction()
- commitTransaction()
- rollbackTransaction()
- detach(entity : Entity_)
- persist(entity : Entity_)
- merge(entity : Entity_)
- remove(entity : Entity_)
- populateLevelDB()

entities

Restaurant_
- owner : User_ [1] = ...
- name : String [1] = ...
- genre : Genre [1] = ...
- price : Price [1] = ...
- city : String [1] = ...
- address : String [1] = ...
- description : String [1] = ...
- seats : int [1] = ...
- openingHours : OpeningHours [1] = ...
- activeReservations : Reservation_ [1..*] = ...{ordered, seq}
- Restaurant_()
- Restaurant_(id : int, name : String, genre : Genre, price : Price, city : String, address : String, description : String, seats : int, openingHours : OpeningHours)
- toCommonEntity() : Restaurant[1]
- merge(restaurant : Restaurant) : boolean[1]
- setOwner(owner : User_)
- getOwner() : User_[1]
- setName(name : String) : boolean[1]
- getName() : String[1]
- getGenre() : Genre[1]
- setGenre(genre : Genre)
- getPrice() : Price[1]
- setPrice(price : Price)
- getCity() : String[1]
- setCity(city : String) : boolean[1]
- getAddress() : String[1]
- setAddress(address : String) : boolean[1]
- getDescription() : String[1]
- setDescription(description : String)
- getSeats() : int[1]
- setSeats(seats : int) : boolean[1]
- getOpeningHours() : OpeningHours[1]
- setOpeningHours(openingHours : OpeningHours)
- getActiveReservations() : List[1]

Entity_
- id : int [1] = ...
- Entity_(id : int)
- Entity_()
- setId(id : int)
- getId() : int[1]

UserManager
- getUserByUsername(username : String) : User_[1]
- getAll() : List[1]
- get(userId : int) : User_[1]
- delete(userId : int)

ReservationManager
- get(reservationId : int) : Reservation_[1]
- delete(reservation : Reservation_)
- insert(reservation : Reservation_)
- update(reservation : Reservation_)
- getActiveReservations(user : User_) : List[1]
- getActiveReservations(restaurant : Restaurant_) : List[1]
- getReservationsByDateTime(restaurantId : int, date : LocalDate, time : ReservationTime) : List[1]
- getAll() : List[1]

RestaurantManager
- get(restaurantId : int) : Restaurant_[1]
- delete(restaurantId : int)
- getRestaurantByOwner(owner : User_) : Restaurant_[1]
- getRestaurantsByCity(city : String) : List[1]
- getAll() : List[1]

target[1]

levelDBManager_target

levelDBManager[1]

kvdb

EntityDBComparator
- compare(arg0 : byte, arg1 : byte) : int[1]
- name() : String[1]
- findShortestSeparator(start : byte, limit : byte) : byte[1..*]
- findShortSuccessor(key : byte) : byte[1..*]

KVDBManager
- instance : KVDBManager [1]
- db : DB [1]
- threadLocal : ThreadLocal [1]
- initialized : boolean [1] = false
- getWriteBatch() : WriteBatch[1]
- setWriteBatch(wb : WriteBatch)
- KVDBManager()
- getInstance() : KVDBManager[1]
- isInitialized() : boolean[1]
- setInitialized()
- populateDB(reservations : List)
- getAllReservations() : List[1]
- getActiveReservations(restaurant : Restaurant_) : List[1]
- getActiveReservations(user : User_) : List[1]
- getActiveReservationsByUser(userId : int) : List[1]
- getActiveReservationsByRestaurant(restaurantId : int) : List[1]
- getActiveReservations(id : int, keyIndex : int) : List[1]
- getReservationsByDateTime(restaurantId : int, date : LocalDate, time : ReservationTime) : List[1]
- getReservation(reservation : Reservation_) : Reservation_[1]
- getReservation(userId : int, restaurantId : int, date : LocalDate, time : ReservationTime) : Reservation_[1]
- isActiveBatch() : boolean[1]
- beginBatch()
- commitBatch()
- closeBatch()
- removeReservation(userId : int, restaurantId : int, date : LocalDate, time : ReservationTime)
- removeReservation(reservation : Reservation_)
- putReservation(reservation : Reservation_)
- deleteReservation(userId : int, restaurantId : int, date : LocalDate, time : ReservationTime)
- deleteReservation(reservation : Reservation_)
- updateReservation(oldReservation : Reservation_, newReservation : Reservation_)
- insertReservation(reservation : Reservation_)
- close()

instance[1]

User_
- username : String [1] = ...
- password : String [1] = ...
- activeReservations : Reservation_ [1..*] = ...{ordered, seq}
- restaurant : Restaurant_ [1] = ...
- User_()
- User_(username : String, passwordHash : String)
- User_(id : int, username : String, passwordHash : String)
- toCommonEntity() : User[1]
- toCommonEntity(type : UserType) : User[1]
- merge(user : User) : boolean[1]
- setUsername(username : String) : boolean[1]
- setPassword(passwordHash : String) : boolean[1]
- getUsername() : String[1]
- getPassword() : String[1]
- isOwner() : boolean[1]
- getActiveReservations() : List[1]
- getRestaurant() : Restaurant_[1]
- hasRestaurant(restaurantId : int) : boolean[1]
- hasRestaurant(restaurant : Restaurant_) : boolean[1]
- hasReservation(reservationId : int) : boolean[1]
- hasReservation(reservation : Reservation_) : boolean[1]

Reservation_
- user : User_ [1] = ...
- restaurant : Restaurant_ [1] = ...
- date : LocalDate [1] = ...
- time : ReservationTime [1] = ...
- seats : int [1] = ...
- Reservation_()
- Reservation_(id : int, date : LocalDate, time : ReservationTime, seats : int)
- toCommonEntity() : Reservation[1]
- merge(reservation : Reservation) : boolean[1]
- setUser(user : User_)
- getUser() : User_[1]
- setRestaurant(restaurant : Restaurant_)
- getRestaurant() : Restaurant_[1]
- setDate(date : LocalDate)
- getDate() : LocalDate[1]
- setTime(time : ReservationTime)
- getTime() : ReservationTime[1]
- setSeats(seats : int) : boolean[1]
- getSeats() : int[1]
- isActive() : boolean[1]

owner_restaurant
restaurant[1]
owner[1]
activeReservations_restaurant
activeReservations[1..*]
restaurant[1]
user[1]
user_activeReservations
activeReservations[1..*]

target[1]

instance_target