

Bill Project

bill-dm110-java-ee - API de Contas/Boletos

Classes de Dados/Entidades

<i>Audit</i>	<i>BillTO</i>	<i>Bill</i>
- id: ObjectId - register_code: String - operation: String - timestamp: Double ...getters and setters	- id: String - bill_code: String - description: String - value: Double - expiration_date: String - paid_date: String ...getters and setters	- id: ObjectId - bill_code: String - description: String - value: Double - expiration_date: String - paid_date: String + Bill(): void ...getters and setters

Classes de Padronização de Respostas

<i>ResponseMessageTO</i>	<i>ResponseBillList</i>
- message: String + ResponseMessageTO(String message): void ...getters and setters	- bills: List<BillTO> ...getters and setters

Classes de Beans

<i>BillBean</i>
- billDAO: BillDAO - auditing: AuditMessageSender + create(BillTO billTO): ResponseMessageTO + update(BillTO billTO): ResponseMessageTO + list(String searchText, String minExpirationDate, String maxExpirationDate, String minPaidDate, String maxPaidDate): ResponseBillList + findOne(String id): BillTO + delete(String id): ResponseMessageTO - convertToBill(BillTO billTO): Bill - convertToBillTO(Bill bill): BillTO - convertToBillTOList(List<Bill> bills): List<BillTO>

Classes de DAO

<i>BillDAO</i>
- mongoDbConnection: MongoConnection
+ save(Bill bill): Boolean
+ edit(Bill bill): Boolean
+ find(String searchText, String minExpirationDate, String maxExpirationDate, String minPaidDate, String maxPaidDate): List<Bill>
+ findOne(String id): Bill
+ deleteOne(ObjectId id): Boolean

<i>MongoConnection</i>
- client: MongoClient
- database: MongoDatabase
+ MongoConnection(): void
+ close(): void
+ getDatabase(): MongoDatabase
+ setDatabase(MongoDatabase database): void

<i>AuditDAO</i>
- mongoDbConnection: MongoConnection
+ save(Audit audit): Boolean

Classes de MDB

<i>BillMDB</i>
+ onMessage(Message message): void

Classes de Serviço/Rotas

<i>BillServiceImpl</i>
- billBean: BillLocal
+ createBill(BillTO bill): String
+ updateBill(String id, BillTO bill): String
+ listBills(String searchText, String minExpirationDate, String maxExpirationDate, String minPaidDate, String maxPaidDate): String
+ deleteBill(String id): String

Classes de Servlet

<i>ReadmeServlet</i>
- serialVersionUID: long
+ doGet(HttpServletRequest req, HttpServletResponse resp): void