





getTime():LocalDateTime
setTime(LocalDateTime):void
getStatus():String
setStatus(String):void
toString():String

## <<Java Class>> DatabaseDriver database

database: String

- DatabaseDriver(String) connectOrCreateDataBase():Connection
- initialize(DatabaseColumnsInterface,Connection):Connection
- addTables(Map<String,List<String>>,Connection):boolean
- tableParseHelper(Map<String,List<String>>,Statement):void

# <<Java Class>> C DataDeleter database

database: String

- DataDeleter(String)
- removeltemFromWishlist(Connection.int.int.boolean):void
- removeTradedItems(Connection,int):void
- removeData(int,int,int):void
- removettemsTraded(Connection int):void
- removeTrade(Connection,int):void
- removeltemFromInventory(Connection,int,int):void

#### <<Java Class>> Tables Builder database

▲ tablesList: Map<String.List<String>>

TablesBuilder()

- setUserColumns():void
- setAccountColumns():void setTradeColumns():void
- setPassw ordColumns():void
- settemsColumns():void
- settemTradedColumns():void setWishlistColumns():void
- createTablesMap():void
- addTableMapToDatabase():Map<String,List<String>>

««Java Interface»» 1 DatabaseColumnsInterface tablesList: Map<String,List<String>> createTablesMap():void

addTableMapToDatabase():Map<String,List<String>>

### <<Java Class>> DataReader database

<<Java Package>> database

database: String

DataReader(String)

- getMeetingInfo(int):Map<String,String>
- getlsAdmin(int):boolean
- getReceivingUsers(int):Map<Integer,List<Integer>>
- getOw neriDOfitem(int):int
- getOw nerFunds(int):double
- aettemPrice(int):double
- getlsFrozen(int):boolean
- getlsFlagged(int):boolean
- getTradeThresholds():Map<String,Integer> findPassw ord(int):String
- getAdminAccount(int):Map<String,Object>
- aetUser(int):Map<String.Object>
- getIsOnVacation(int):boolean
- getitem(int):Map<String,Object>
- getUserWishlist(int):List<Integer>
- getUserInventory(int):List<Integer>
- getTrade(int):Map<String.Object> getAllUserIDs():List<Integer>
- getAllTradelDs():List<Integer>
- getAllAdminIDs():List<Integer>
- getOriginalOw nership(Connection,int):Map<Integer,List<Integer>>
- getRecieversMap(Connection,int):Map<Integer,List<Integer>>
- getTradeditems(int):Map<String,Object>
- addData(ResultSet):Map<String.Object>
- closeResources(Connection,ResultSet,Statement):void
- closeResources(ResultSet,Statement):void

#### <<Java Class>> DataInserter database

database: String

DataInserter(String)

- additemToUserWishlist(int,int):void
- insertTrade(Map<Integer,List<Integer>>,Map<String,Object>):int
- ns ertitem(Map<String,Object>,boolean):int insertUser(String,Map<String,Object>):int
- insertAdmin(String):int
- writeTradeThresholds(Map<String,Integer>):void
- storePassword(Connection.int.String):void insertAccountInDB(Connection.int):int
- insertUserInDB(Connection,int,Map<String,Object>):int
- insertitemInDB(Connection,Map<String,Object>,int):int
- InsertTradeditemsInDB(Connection,Map<Integer,List<Integer>>,int):void createTradeStatement(Connection.String.Map<String.Object>):PreparedStatement
- insertTradeInDB(Connection,Map«String,Object»):int

# <<Java Class>> DataUpdater

database

database: String DataUpdater(String)

- updateTradeMap(int,int,int,int):void
- updateTrade(int,int,String):void
- checkTradeCompleted(Connection,int,int,String):void
- approveltem(int):void
- updateNumTrades(int,int):void
- changeFreezeStatus(int):void
- updateUserFund(Connection,int,double):void
- updateltemPrice(int,double):void
- updateUserFunds(int,Double):void
- checkColumnUpdated(int):void
- setExpectedReturnData(Connection.int):void
- getColumns(ResultSet):Map<Integer.String>
- updateUserTradeInfo(Connection.int.int):void
- updateltemInventories(Connection,int,int):void
- updateOwnerID(Connection,int,int):void
- getSecondMeetingMap(Map<Integer,List<Integer>>,Map<Integer,List<Integer>>):Map<Integer,List<Integer>>
- updateitemsTradedSecondMeeting(Connection,int,Map<Integer,List<Integer>>,Map<Integer,List<Integer>>):void
- updateUserFundsAfterTrade(Connection,int,int,int):void
- changeVacationStatus(int):void
- changeUnfreezeRequest(int,int):void
- completeTrade(Connection,int,int):void
- incrementUserIncomplete(Connection,int):void
- incompleteTrade(Connection,int):void
- closeResources(ResultSet,Statement):void
- closeResources(Connection, PreparedStatement, ResultSet):void
- closeResources(PreparedStatement.ResultSet.Statement):void
- closeResources(Connection, Prepared Statement): void
- closeResultSet(ResultSet);void
- closeConnection(Connection):void
- closeStatement(Statement):void
- closePreparedStatement(PreparedStatement):void

