## IDTO

- + String getDtoName()
- + String getLoadSql(String schema)
- + String getSaveSql(String schema)
- + Map< String, DTOTypes > getFields()
- + Object getValue(String fieldName)
- + Boolean setValue(String fieldName, Object value)
- + IDbResultProcessor getLoadProcessor()
- + IDbResultProcessor
- getSaveProcessor() + IDTOHome getDtoHome()



## BaseDTO

- AppLoggingAgent loggingMap< String, DTOTypes</li>
- > fields- Map< Integer, String</li>> fieldsOrderMap
- Map< String, Object
- > values
- String dtoName
- + String getDtoName()
  - + BaseDTO(String dtoName, Map< String, DTOTypes
    - > fields, Map< Integer,
    - String > fieldsOrderMap)
  - + BaseDTO(BaseDTO baseDTO)
  - + Object getValue(String
  - fieldName)
  - + Boolean setValue(String fieldName, Object value)
  - + Map< String, DTOTypes
- > getFields()
- + Boolean updateSchema()
  - + IDbResultProcessor
  - getLoadProcessor()
  - + String getLoadSql(String
  - schema)
  - + IDbResultProcessor
  - getSaveProcessor()
    + String getSaveSql(String
- schema)
- + String toString()
  # Boolean processLoadResult
- (ResultSet rs, List< IDTO
  - > loadResults)
- # Object getValueFromResult Set(ResultSet rs, String
- fieldName, DTOTypes dtoTypes)
  # String formatValueForQuery
- (Object value, DTOTypes dtoTypes)
- # Boolean processSaveResult (ResultSet rs, List< IDTO
- > saveResults)
  # void buildInsertSql
- (StringBuilder sb, String schema)
  # void buildUpdateSql

(StringBuilder sb, String

schema)
- BaseDTO()



static final Map< String, DTOTypes > \_fields

- static final Map< Integer,</li>
   String > \_fieldsOrderMap
- + UserProfileDTO()
- + IDTOHome getDtoHome()