UML Class Diagram

IAppLoggingStream (interface)

- + void log(String message)
- + void log(Object object)
- + void log(String[] messages)
- + void log(String message, Throwable throwable)
- + void log(Throwable throwable)
- + void flush()

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()

AppLoggingAgent

- + AppLoggingAgent(IAppLoggingStream appStream)
- + void log(String message)
- + void log(Object object)
- + void log(String[] messages)
- + void log(Throwable throwable)
- + void log(String message, Throwable throwable)
- + void flush()
- - static String getCallingMethodInfo()
- - static String getLogHeaderString()

+appStream

Map< String, DTOTypes >

Map< Integer, String >

Map< String, Object >

String

-logging

-fields

-fieldsOrderMap

-values

-dtoName

BaseDTO

- + 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 getValueFromResultSet(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 >

static final Map< Integer, String >

-_fields

-_fieldsOrderMap

AuditTrailDTO

- + AuditTrailDTO()
- + IDTOHome getDtoHome()