#### **IAppLoggingStream**

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

# +appStream

#### **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(IAppLogging Stream 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 getCalling MethodInfo()
- static String getLogHeader String()

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## 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</li>> 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()