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| --- | --- | --- |
| **Inheritance Extract Class Refactoring Suggestions** | | |
| Original Class  [*N*split] | Extract Class | |
| New Class  [Superclass]  [Subclass] | Methods/Fields |
| Node  [2] | Node\_new\_1  [-]  [BaseMemoryNode] | getRow()  getData()  getLeft()  getRight()  equals()  isRight()  isLeft()  delete()  getParent()  isRoot()  isFromLeft()  getUpdatedNode()  setParent()  setRight()  setLeft()  setBalance(int)  Node\_new\_2\_Instance |
| Node\_new\_2  [-]  [-] | isDeleted()  write(RowOutputInterface)  getBalance()  nNext  Node()  NO\_POS  newNode(Row,RowInputInterface, int,Table)  iBalance  getKey()  newNode(Row, int,Table) |
| Table  [3] | Table\_new\_1  [-]  [TextTable\_new\_1, View] | checkDataReadOnly()  createPrimaryKey(int[-])  insert(Session,Object[-])  bestIndexForColumn  deleteNoRefCheck(Session,Row)  clearUpdateLists(HashMappedList)  mergeKeepUpdate(Session,HashMappedList,  int[-], int[-],Row,Object[-])  updateRowSet(Session,HashMappedList, int[-],  boolean)  dropTrigger(String)  fireAll(Session, int,Object[-],Object[-])  triggerLists  fireAll(Session, int)  insertRow(Session,Object[-])  dropTriggers()  addTrigger(TriggerDef)  constraintPath  tableUpdateList  isLogged  isTemp  isTemp()  recompileCheckConstraint(Session,Constraint)  update(Session,HashMappedList, int[-])  delete(Session,HsqlArrayList)  insertIntoTable(Session,Result)  createIndexStructureGetNo(int[-],HsqlNameMana  ger$HsqlName, boolean, boolean, boolean)  createPrimaryIndex(int[-],HsqlNameManager$Hsq  lName)  insertNoCheckRollback(Session,Row, boolean)  insertNoCheck(Session,Object[-])  getIndexForColumn(Session, int)  addColumns(Select)  getCatalogName()  setIsReadOnly(boolean)  isReadOnly  isDataReadOnly()  setDataReadOnly(boolean)  addColumns(Result$ResultMetaData, int)  makeSysPKName()  database  checkRowDataInsert(Session,Object[-])  colTypes  getColumnTypes()  Table\_new\_2\_Instance  Table\_new\_3\_Instance |
| Table\_new\_2  [-]  [-] | getRowCount(Session)  drop()  isEmpty(Session)  moveData(Session)  insertSys(Object[-])  getColumnNr(String)  renameColumn(Column,String, boolean)  getColumn(int)  findColumn(String)  columnList  getPrimaryKeyTypes()  primaryKeyTypes  sqlEnforceSize  primaryKeyColsSequence  colSizes  colScales  enforceFieldValueLimits(Object[-], int[-])  insertFromTextSource(CachedRow)  defaultColumnMap  getColumnMap()  colNullable  hasDefaultValues  setColumnTypeVars(int)  colDefaults  setDefaultExpression(int,Expression)  createPrimaryKey(HsqlNameManager$HsqlName,  int[-], boolean)  moveDefinition(int[-],Column, int, int)  addColumn(Column)  enforceNullConstraints(Object[-])  getNewRowData(Session, boolean[-])  getNewColumnMap()  checkColumnsMatch(int[-])  getColumnCount()  columnCount  getNewColumnCheckList()  getEmptyRowData()  getInternalColumnCount()  resetDefaultsFlag()  moveDefinitionPK(int[-], boolean)  insertResult(Session,Result)  insertSys(Result)  insert(Session,Result)  VIEW  MEMORY\_TABLE  SYSTEM\_SUBQUERY  SYSTEM\_TABLE  TEXT\_TABLE  TEMP\_TABLE  CACHED\_TABLE  TEMP\_TEXT\_TABLE  SYSTEM\_VIEW |
| Table\_new\_3  [-]  [-] | getBestRowIdentifiers()  bestRowIdentifierCols  bestRowIdentifierStrict  isBestRowIdentifiersStrict()  getHeader()  isReadOnly()  onCommitPreserve  getTableType()  tableType  duplicate()  equals(Session,String)  rename(Session,String, boolean)  equals(HsqlNameManager$HsqlName)  tableName  getSchemaName()  getName()  equals(String)  getId()  connect(Session)  disconnect(Session)  setHeader(String)  setDataSource(Session,String, boolean, boolean)  isView  isView()  getIndexType()  indexType  isMemory  rowIdSequence  getCache()  cache  createPrimaryKey()  isDescDataSource()  getDataSource()  getIndexForColumns(int[-], boolean)  insertNoCheckFromLog(Session,Object[-])  isIndexingMutable()  createAdjustedIndex(Index, int, int)  bestIndex  dropIndexFromRows(Session, int)  deleteNoCheckFromLog(Session,Object[-])  deleteNoCheck(Session,Row, boolean)  deleteNoCheckRollback(Session,Row, boolean)  createIndex(Session,int[-],HsqlNameManager$Hsq  lName, boolean, boolean,boolean)  getIndexForColumns(boolean[-])  indexRow(Session,Row)  addIndex(Index)  createIndexStructure(int[-],HsqlNameManager$Hs  qlName, boolean, boolean, boolean)  getIndexes()  getIndex(int[-], int)  getIndexRootsArray()  copyIndexes()  getIndex(int)  indexList  getIndex(String)  dropIndex(Session,String)  getIndexIndex(String)  getIndexCount()  setBestRowIdentifiers()  mergeUpdate(HashMappedList,Row,Object[],  int[-])  checkCascadeDelete(Session)  checkCascadeUpdate(Session)  hasPrimaryKey()  getPrimaryKey()  primaryKeyCols  getPrimaryConstraint()  checkRowDataUpdate(Session,Object[-], int[-])  getNextConstraintIndex(int, int)  checkColumnInFKConstraint(int, int)  getUniqueOrPKConstraintForIndex(Index)  getConstraints()  getUniqueConstraintIndexForColumns(int[-])  getConstraintForColumns()  constraintList  getConstraint(String)  checkDropIndex(String,HashSet, boolean)  removeConstraint(String)  getUniqueConstraintForColumns(int[-])  checkColumnInFKConstraint(int)  addConstraint(Constraint)  recompileCheckConstraints(Session)  renameColumnInCheckConstraints(String,String,  boolean)  renameTableInCheckConstraints(Session,String,Stri  ng)  updateConstraintsTables(Session)  checkColumnInCheckConstraint(String)  getConstraintIndex(String)  isConnected()  insertFromScript(Object[-])  insertData(Session,Object[-])  rowIterator(Session)  getPrimaryIndex()  Table(Database,HsqlNameManager$HsqlName,  int)  clearAllRows(Session)  setIndexRoots(String)  getIndexRoots()  identitySequence  getIdentityColumn()  setIdentityColumn(Session,Object[-])  identityColumn  updateIdentityValue(Object[-])  restoreRow(Row)  newRow(Object[-])  setIndexRoots(int[-])  rowStore  getRow(int)  getRow(long)  commitRowToStore(Row)  isWritable()  removeRowFromStore(Row)  releaseRowFromStore(Row)  resetRowId(Session)  isCached  isCached()  isIndexCached()  isFileBased()  isText()  isText  getRow(int,Node) |
| TextTable  [2] | TextTable\_new\_1  [Table\_new\_1]  [-] | isReversed  isDataReadOnly()  setDataReadOnly(boolean)  checkDataReadOnly()  setIsReadOnly(boolean)  isReadOnly  drop()  insertFromTextSource(CachedRow)  rowStore  connect(Session, boolean)  cache  onConnectError(Session)  TextTable\_new\_2\_Instance |
| TextTable\_new\_2  [-]  [-] | openCache(Session,String, boolean, boolean)  TextTable(Database,HsqlNameManager$HsqlNam  e, int)  setHeader(String)  duplicate()  isDescDataSource()  isConnected()  isIndexCached()  disconnect(Session)  getTableType()  getHeader()  connect(Session)  clearAllRows(Session)  setIndexRoots(String)  getDataSource()  setDataSource(Session,String, boolean, boolean)  dataSource  tableName  database  isConnected |
| jdbcPreparedStatement  [3] | jdbcPreparedStatement\_new\_1  [-]  [.jdbcCallableStatement\_new\_1] | setNull(int, int,String)  setTime(int,Time,Calendar)  setTimestamp(int,Timestamp)  setDate(int,Date,Calendar)  setBytes(int, byte[-])  setBoolean(int, boolean)  setString(int,String)  setBigDecimal(int,BigDecimal)  setNull(int, int)  setTime(int,Time)  setDate(int,Date)  setClob(int,Clob)  setCharacterStream(int,Reader, int)  setAsciiStream(int,InputStream, int)  setBinaryStream(int,InputStream, int)  setTimestamp(int,Timestamp,Calendar)  setBlob(int,Blob)  setUnicodeStream(int,InputStream, int)  setInt(int, int)  setByte(int, byte)  setShort(int, short)  setLong(int, long)  jdbcPreparedStatement(jdbcConnection,String, int)  executeBatch()  close()  execute(String)  addBatch(String)  setEscapeProcessing(boolean)  executeUpdate(String)  executeQuery(String)  isClosed()  checkClosed()  addBatch()  setParameter(int,Object)  checkSetParameterIndex(int, boolean)  parameterTypes  setLongParameter(int, long)  setIntParameter(int, int)  jdbcPreparedStatement\_new\_2\_Instance  jdbcPreparedStatement\_new\_3\_Instance |
| jdbcPreparedStatement\_new\_2  [-]  [-] | rsmdDescriptor  rsmd  checkParametersSet()  getMetaData()  checkIsRowCount(boolean)  isRowCount  connection  maxRows  resultOut  resultIn  executeQuery()  execute()  executeUpdate() |
| jdbcPreparedStatement\_new\_3  [-]  [jdbcCallableStatement\_new\_2] | batchResultOut  statementID  parameterModes  pmdDescriptor  pmd  getParameterMetaData()  parameterSet  clearParameters()  parameterValues  sql  toString()  parameterStream  setArray(int,Array)  setRef(int,Ref)  setObject(int,Object)  streamLengths  setFloat(int, float)  setDouble(int, double)  setURL(int,URL)  hasStreams  setObject(int,Object, int, int)  setObject(int,Object, int) |
| jdbcCallableStatement  [4] | jdbcCallableStatement\_new\_1  [jdbcPreparedStatement\_new\_1]  [-] | parameterNameMap  close()  setBinaryStream(int,InputStream, int)  setString(int,String)  isClosed()  setCharacterStream(int,Reader, int)  setTime(int,Time,Calendar)  setByte(int, byte)  setDate(int,Date,Calendar)  setShort(int, short)  setTime(int,Time)  setTimestamp(int,Timestamp)  setInt(int, int)  setBytes(int, byte[-])  setBoolean(int, boolean)  setNull(int, int,String)  setTimestamp(int,Timestamp,Calendar)  setLong(int, long)  setNull(int, int)  setAsciiStream(int,InputStream, int)  checkClosed()  jdbcCallableStatement(jdbcConnection,String, int)  setBigDecimal(int,BigDecimal)  setDate(int,Date)  jdbcCallableStatement\_new\_2\_Instance  jdbcCallableStatement\_new\_3\_Instance  jdbcCallableStatement\_new\_4\_Instance |
| jdbcCallableStatement\_new\_2  [-]  [-] | setDouble(String, double)  setObject(int,Object)  setDouble(int, double)  setObject(int,Object, int)  setObject(int,Object, int, int)  setFloat(int, float)  setURL(int,URL) |
| jdbcCallableStatement\_new\_3  [-]  [-] | findParameterIndex(String)  registerOutParameter(int, int, int)  registerOutParameter(int, int)  registerOutParameter(int, int,String)  registerOutParameter(String, int, int)  registerOutParameter(String, int)  registerOutParameter(String, int,String) |
| jdbcCallableStatement\_new\_4  [-]  [-] | setBinaryStream(String,InputStream, int)  getFloat(int)  getFloat(String)  getDate(int)  getDate(String)  getRef(int)  getRef(String)  getObject(int)  getObject(String)  getObject(int,Map)  getObject(String,Map)  getBoolean(int)  getBoolean(String)  getBlob(String)  getBlob(int)  getInt(int)  getInt(String)  setDate(String,Date)  setTime(String,Time,Calendar)  setTimestamp(String,Timestamp)  setAsciiStream(String,InputStream, int)  setURL(String,URL)  setTime(String,Time)  setObject(String,Object, int, int)  setObject(String,Object)  setBoolean(String, boolean)  setBigDecimal(String,BigDecimal)  setShort(String, short)  setBytes(String, byte[-])  setDate(String,Date,Calendar)  pmdDescriptor  setString(String,String)  setNull(String, int)  getTime(int)  getTime(String)  setNull(String, int,String)  getDate(String,Calendar)  getDate(int,Calendar)  getBigDecimal(int, int)  setCharacterStream(String,Reader, int)  getLong(int)  getLong(String)  getBytes(String)  getBytes(int)  setFloat(String, float)  setByte(String, byte)  getShort(int)  getShort(String)  getString(String)  getString(int)  getArray(String)  getArray(int)  getTimestamp(String,Calendar)  getTimestamp(int,Calendar)  getURL(int)  getURL(String)  getDouble(String)  getDouble(int)  setInt(String, int)  parameterModes  checkGetParameterIndex(int)  getByte(String)  getByte(int)  setObject(String,Object, int)  getBigDecimal(String)  getBigDecimal(int)  getClob(int)  getClob(String)  getTimestamp(int)  getTimestamp(String)  getTime(String,Calendar)  getTime(int,Calendar)  setLong(String, long)  wasNull()  setTimestamp(String,Timestamp,Calendar) |
| BaseList  [2] | BaseList\_new\_1  [-]  [HsqlArrayList\_new\_1, HsqlDeque\_new\_1] | BaseList()  elementCount  iterator()  addAll(Collection)  toString()  isEmpty()  addAll(Object[-])  add(Object)  BaseList\_new\_2\_Instance |
| BaseList\_new\_2  [-]  [-] | contains(Object)  get(int)  indexOf(Object)  size()  remove(int)  remove(Object) |
| HsqlArrayList  [2] | HsqlArrayList\_new\_1  [BaseList\_new\_1]  [-] | increaseCapacity()  clear()  set(int,Object)  HsqlArrayList(int)  HsqlArrayList()  addAll(Collection)  iterator()  isEmpty()  add(int,Object)  add(Object)  HsqlArrayList(boolean)  toArray(Object)  indexOf(Object)  get(int)  remove(int)  size()  HsqlArrayList\_new\_2\_Instance |
| HsqlArrayList\_new\_2  [-]  [-] | setSize(int)  sort(ObjectComparator)  toArray(int, int)  trim()  toArray()  getArray()  elementData  elementCount  minimizeOnClear  DEFAULT\_INITIAL\_CAPACITY  DEFAULT\_RESIZE\_FACTOR |
| HsqlDeque  [2] | HsqlDeque\_new\_1  [BaseList\_new\_1]  [-] | getLast()  set(int,Object)  add(int,Object)  clear()  isEmpty()  add(Object)  HsqlDeque()  getInternalIndex(int)  get(int)  size()  remove(int)  indexOf(Object)  HsqlDeque\_new\_2\_Instance |
| HsqlDeque\_new\_2  [-]  [-] | list  elementCount  endindex  firstindex  getFirst()  removeLast()  toArray(Object[-])  resetCapacity()  addFirst(Object)  removeFirst()  DEFAULT\_INITIAL\_CAPACITY |
| RowOutputBase  [2] | RowOutputBase\_new\_1  [-]  [RowOutputBinary\_new\_1, RowOutputText\_new\_1, RowOutputTextLog\_new\_1] | skipSystemId  writeData(Object[-],Table)  reset()  RowOutputBase(byte[-])  writeIntData(int, int)  writeShortData(short)  RowOutputBase(int)  writeEnd()  ensureRoom(int)  writeType(int)  RowOutputBase()  writeSize(int)  writeString(String)  size()  writeData(int, int[-],Object[-],HashMappedList,  int[-])  writeRow(Object[-],Table)  writeIntData(int)  reset(int)  getOutputStream()  RowOutputBase\_new\_2\_Instance |
| RowOutputBase\_new\_2  [-]  [-] | writeTimestamp(Timestamp)  writeFieldType(int)  writeOther(JavaObject)  writeInteger(Number)  writeChar(String, int)  writeNull(int)  writeDecimal(BigDecimal)  writeDate(Date)  writeTime(Time)  writeSmallint(Number)  writeFieldPrefix()  writeBinary(Binary, int)  writeReal(Double, int)  writeBigint(Number)  writeBit(Boolean)  CACHED\_ROW\_160  CACHED\_ROW\_170 |
| RowOutputBinary  [2] | RowOutputBinary\_new\_1 [RowOutputBase\_new\_1]  [-] | storageSize  RowOutputBinary()  writeType(int)  getOutputStream()  writeInt(int)  writeIntData(int)  RowOutputBinary(byte[-])  write(byte[-], int, int)  ensureRoom(int)  writeEnd()  writeRow(Object[-],Table)  RowOutputBinary(int)  writeShort(int)  writeData(int, int[-],Object[-],HashMappedList,  int[-])  writeLongData(long)  reset(int)  getSize(CachedRow)  writeSize(int)  writeShortData(short)  size()  reset()  writeString(String)  write(int)  writeLong(long)  writeIntData(int, int)  getBuffer()  setBuffer(byte[-])  buffer  RowOutputBinary\_new\_2\_Instance |
| RowOutputBinary\_new\_2  [-]  [-] | writeByteArray(byte[-])  writeNull(int)  writeChar(String, int)  writeInteger(Number)  writeDate(Date)  writeSmallint(Number)  writeOther(JavaObject)  writeBigint(Number)  writeBit(Boolean)  writeTime(Time)  writeFieldType(int)  writeTimestamp(Timestamp)  writeReal(Double, int)  writeBinary(Binary, int)  writeDecimal(BigDecimal)  INT\_STORE\_SIZE  count  getSize(Object[-], int, int[-])  getRowSize(CachedRow) |
| RowOutputText  [2] | RowOutputText\_new\_1  [RowOutputBase\_new\_1]  [RowOutputTextQuoted] | nextSep  writeIntData(int)  writeSize(int)  writeLongData(long)  writeEnd()  getBuffer()  writeShortData(short)  RowOutputText(String,String,String,  boolean,String)  writeBytes(String)  writeData(Object[-],Table)  getSize(CachedRow)  ensureRoom(int)  size()  writeString(String)  write(byte[-], int, int)  writeIntData(int, int)  writeType(int)  reset()  RowOutputText\_new\_2\_Instance |
| RowOutputText\_new\_2 [-]  [-] | writeVarString(String)  writeTime(Time)  writeOther(JavaObject)  writeReal(Double, int)  writeTimestamp(Timestamp)  writeDate(Date)  writeNull(int)  writeBit(Boolean)  writeChar(String, int)  writeInteger(Number)  writeBinary(Binary, int)  writeDecimal(BigDecimal)  writeSmallint(Number)  writeFieldType(int)  writeBigint(Number)  count  varSep  longvarSepEnd  initTextDatabaseRowOutput(String,String,String,  boolean,String)  nextSepEnd  encoding  longvarSep  varSepEnd  checkConvertString(String,String)  getBytes(String)  allQuoted  fieldSepEnd  fieldSep  writeLongVarString(String)  writeByteArray(byte[-]) |
| RowOutputTextLog  [2] | RowOutputTextLog\_new\_1  [RowOutputBase\_new\_1]  [-] | isWritten  write(byte[-])  writeBytes(String)  getBuffer()  reset()  writeIntData(int, int)  writeIntData(int)  size()  getSize(CachedRow)  writeType(int)  writeLongData(long)  writeShortData(short)  writeString(String)  writeEnd()  writeData(int, int[-],Object[-],HashMappedList,  int[-])  ensureRoom(int)  RowOutputTextLog()  writeSize(int)  write(int)  static {}  writeData(Object[-],Table)  RowOutputTextLog\_new\_2\_Instance |
| RowOutputTextLog\_new\_2  [-]  [-] | count  writeReal(Double, int)  writeSmallint(Number)  writeChar(String, int)  writeOther(JavaObject)  writeInteger(Number)  writeBit(Boolean)  writeNull(int)  writeFieldPrefix()  writeDecimal(BigDecimal)  writeTimestamp(Timestamp)  writeBigint(Number)  writeFieldType(int)  writeDate(Date)  writeTime(Time)  writeBinary(Binary, int)  BYTES\_AND  BYTES\_IS  BYTES\_NULL  BYTES\_TRUE  BYTES\_FALSE  setMode(int)  logMode  MODE\_INSERT  MODE\_DELETE |
| DataFileCache  [4] | DataFileCache\_new\_1  [-]  [TextCache\_new\_1] | LONG\_FREE\_POS\_POS  getTotalFreeBlockSize()  fileFreePosition  initIOBufferSize  FLAGS\_POS  removePersistence(int,PersistentStore)  freeBlocks  getFreeBlockCount()  FLAG\_ISSAVED  setFileModified()  maxCacheBytes  FLAG\_ISSHADOWED  maxCacheSize  fileModified  maxDataFileSize  hasRowInfo()  isFileModified()  capacity()  LONG\_EMPTY\_SIZE  getFileFreePos()  bytesCapacity()  remove(int,PersistentStore)  hasRowInfo  setFilePos(CachedObject)  FLAG\_ROWINFO  INITIAL\_FREE\_POS  LONG\_EMPTY\_INDEX\_POS  DataFileCache\_new\_2\_Instance  DataFileCache\_new\_3\_Instance  DataFileCache\_new\_4\_Instance |
| DataFileCache\_new\_2  [-]  [TextCache\_new\_2] | getRaw(int)  shadowFile  rowOut  initBuffers()  rowIn  copyShadow(CachedObject[-], int, int)  cacheFileScale  dataFile  saveRow(CachedObject)  readSize(int)  readObject(int) |
| DataFileCache\_new\_3  [-]  [-] | cachedRowPadding  storeOnInsert  add(CachedObject)  DataFileCache(Database,String)  restore(CachedObject)  release(int)  getStorageSize(int)  cache  getTotalCachedBlockSize()  getCachedObjectCount() |
| DataFileCache\_new\_4 [-]  [TextCache\_new\_3] | maxFreeBlocks  incBackup  backupFileName  renameBackupFile()  deleteBackup()  fa  database  initParams(Database,String)  deleteOrResetFreePos(Database,String)  saveRows(CachedObject[-], int, int)  open(boolean)  close(boolean)  get(int,PersistentStore, boolean)  defrag()  backupFile()  deleteFile(boolean)  getFileName()  fileName  renameDataFile()  cacheReadonly |
| TextCache  [4] | TextCache\_new\_1  [DataFileCache\_new\_1]  [-] | cache  removePersistence(int,PersistentStore)  remove(int,PersistentStore)  isFileModified()  setFileModified()  fileModified  add(CachedObject)  TextCache(Table,String)  release(int)  TextCache\_new\_2\_Instance  TextCache\_new\_3\_Instance  TextCache\_new\_4\_Instance |
| TextCache\_new\_2  [DataFileCache\_new\_2]  [-] | initBuffers()  copyShadow(CachedObject[-], int, int)  readObject(int)  saveRow(CachedObject)  findNextUsedLinePos(int)  rowIn  getLineNumber() |
| TextCache\_new\_3  [-]  [-] | uncommittedCache  open(boolean)  get(int,PersistentStore, boolean)  close(boolean)  initParams(Database,String)  saveRows(CachedObject[-], int, int)  getFileName()  fileName |
| TextCache\_new\_4  [-]  [-] | stringEncoding  static {}  NL  writeHeader(String)  fileFreePosition  ignoreFirst  getHeader()  setHeader(String)  header  readHeaderLine()  dataFile  clearRowImage(CachedObject)  rowOut  table  DOUBLE\_QUOTE\_CHAR  LF\_CHAR  BACKSLASH\_CHAR  CR\_CHAR  translateSep(String, boolean)  translateSep(String)  cacheFileScale  cachedRowPadding  fa  maxCacheSize  maxCacheBytes  maxDataFileSize  database  fs  lvs  isAllQuoted  vs  isQuoted  cacheReadonly  reopen()  purge() |
| HsqlProperties  [2] | HsqlProperties\_new\_1  [-]  [HsqlDatabaseProperties\_new\_1] | setProperty(String, boolean)  setProperty(String, int)  delimitedArgPairsToProps(String,String,String,Stri  ng)  argArrayToProps(String[-],String)  errorCodes  getErrorKeys()  errorKeys  addError(int,String)  save(String)  fa  resource  HsqlProperties(Properties)  HsqlProperties()  HsqlProperties(String,FileAccess, boolean)  HsqlProperties(String)  setFileName(String)  fileName  save()  checkFileExists()  load()  HsqlProperties\_new\_2\_Instance |
| HsqlProperties\_new\_2  [-]  [HsqlDatabaseProperties\_new\_2] | getIntegerProperty(String, int, int[-])  getIntegerProperty(String, int, int, int)  getIntegerProperty(String, int)  setPropertyIfNotExists(String,String)  isPropertyTrue(String)  isPropertyTrue(String, boolean)  getProperty(String,String)  getProperty(String)  propertyNames()  getProperties()  removeProperty(String)  stringProps  addProperties()  addProperties(Properties)  isEmpty()  setProperty(String,String)  NO\_VALUE\_FOR\_KEY |
| HsqlDatabaseProperties  [3] | HsqlDatabaseProperties\_new\_1  [HsqlProperties\_new\_1]  [-] | database  load()  setProperty(String, boolean)  save()  HsqlDatabaseProperties(Database)  checkFileExists()  setProperty(String, int)  HsqlDatabaseProperties\_new\_2\_Instance  HsqlDatabaseProperties\_new\_3\_Instance |
| HsqlDatabaseProperties\_new\_2  [-]  [-] | isBoolean(String)  setDatabaseProperty(String,String)  isPropertyTrue(String, boolean)  setURLProperties(HsqlProperties)  getIntegerProperty(String, int, int, int)  getIntegerProperty(String, int)  getProperty(String)  getProperty(String,String)  setProperty(String,String)  isPropertyTrue(String) |
| HsqlDatabaseProperties\_new\_3  [-]  [-] | getMeta(String, int,String)  getMeta(String, int, int, int, int)  getMeta(String, int, boolean)  hsqldb\_method\_class\_names  static {}  filterLoadedProperties()  getMeta(String, int, int, byte[-])  meta  getUserDefinedPropertyData()  isUserDefinedProperty(String)  isIntegral(String)  isString(String)  stringProps  supportsJavaMethod(String)  accessibleJavaMethodNames  textdb\_lvs  REVISION  runtime\_gc\_interval  textdb\_vs  db\_readonly  THIS\_CACHE\_VERSION  hsqldb\_original\_version  indexName  PRODUCT\_NAME  MINOR  sql\_compare\_in\_locale  indexDefaultValue  hsqldb\_cache\_version  db\_version  FILES\_NEW  indexLimit  hsqldb\_applog  hsqldb\_cache\_free\_count\_scale  textdb\_encoding  SQL\_PROPERTY  THIS\_FULL\_VERSION  hsqldb\_lock\_file  hsqldb\_inc\_backup  FIRST\_COMPATIBLE\_VERSION  FILES\_MODIFIED  VERSION\_STRING\_1\_7\_0  hsqldb\_script\_format  textdb\_ignore\_first  hsqldb\_cache\_file\_scale  hsqldb\_raf\_buffer\_scale  hsqldb\_log\_size  FILES\_NOT\_MODIFIED  indexIsRange  hsqldb\_max\_nio\_scale  textdb\_cache\_size\_scale  textdb\_cache\_scale  textdb\_fs  SET\_PROPERTY  getDBModified()  setDBModified(int)  indexRangeHigh  hsqldb\_cache\_size\_scale  THIS\_VERSION  system\_lockfile\_poll\_retries\_property  indexAccess  MAJOR  FILE\_PROPERTY  textdb\_allow\_full\_path  MODIFIED\_YES  VERSION\_STRING\_1\_8\_0  sql\_enforce\_strict\_size  textdb\_all\_quoted  sql\_tx\_no\_multi\_write  hsqldb\_defrag\_limit  hsqldb\_files\_readonly  system\_max\_char\_or\_varchar\_display\_size  hsqldb\_cache\_scale  textdb\_quoted  hsqldb\_catalogs  db\_modified  indexRangeLow  hsqldb\_compatible\_version  hsqldb\_nio\_data\_file  MODIFIED\_NO  indexClass  hsqldb\_default\_table\_type  indexValues  MODIFIED\_NEW  fileName  fa  setDatabaseVariables()  getDefaultWriteDelay() |
| LockFile  [2] | LockFile\_new\_1  [-]  [-] | getPollHeartbeatRetries()  getPollHeartbeatInterval()  pollHeartbeat()  doOptionalReleaseActions()  doOptionalLockActions()  isValid()  openRAF()  closeRAF()  raf  writeMagic()  writeHeartbeat()  checkMagic(DataInputStream)  MAGIC  HEARTBEAT\_INTERVAL\_PADDED  timer  HEARTBEAT\_INTERVAL  USE\_NIO\_FILELOCK\_PROPERTY  static {}  POLL\_RETRIES\_PROPERTY  NIO\_LOCKFILE\_CLASS  stopHeartbeat()  startHeartbeat()  newNIOLockFile()  NIO\_FILELOCK\_AVAILABLE  POLL\_RETRIES\_DEFAULT  LockFile()  USE\_NIO\_FILELOCK\_DEFAULT  POLL\_INTERVAL\_PROPERTY  timerTask  USED\_REGION  LockFile\_new\_2\_Instance |
| LockFile\_new\_2  [-]  [-] | finalize()  locked  isLocked()  toStringImpl()  newLockFile(String)  newLockFileLock(String)  tryLock()  tryRelease()  toString()  setPath(String)  equals(Object)  hashCode()  file  checkHeartbeat(boolean)  readHeartbeat()  getCanonicalPath()  cpath  isLocked(String) |
| ScriptReaderBase  [2] | ScriptReaderBase\_new\_1  [-]  [ScriptReaderBinary, ScriptReaderText] | getCurrentSchema()  statementType  getSequenceValue()  openFile()  getLineNumber()  lineCount  sequenceValue  INSERT\_STATEMENT  currentSchema  fileName  getStatementType()  readDDL(Session)  ScriptReaderBase(Database,String)  getLoggedStatement()  COMMIT\_STATEMENT  SCHEMA\_STATEMENT  statement  readAll(Session)  ANY\_STATEMENT  readExistingData(Session)  db  SEQUENCE\_STATEMENT  rowData  SESSION\_ID  DELETE\_STATEMENT  getData()  ScriptReaderBase\_new\_2\_Instance |
| ScriptReaderBase\_new\_2  [-]  [-] | getSessionNumber()  sessionNumber  getCurrentSequence()  currentSequence  getCurrentTable()  currentTable  readLoggedStatement(Session)  newScriptReader(Database,String, int)  close() |
| ValidatingResourceBundle  [2] | ValidatingResourceBundle\_new\_1  [-]  [SqltoolRB\_new\_1] | getString(int,String,String, int)  getString(int, int, int)  getString(int,String,String,String)  getString(int,String, int,String)  getMissingPosValueBehavior()  setMissingPosValueBehavior(int)  missingPosValueBehavior  getString(int,String[-])  getString(int, int,String)  getString(int, int)  getString(int, int, int, int)  getString(int, int, int,String)  getString(int,String, int)  getString(int,String)  getString(int, int,String, int)  getString(int, int,String,String)  getString(int,String,String)  getString(int,String, int, int)  ValidatingResourceBundle\_new\_2\_Instance |
| ValidatingResourceBundle\_new\_2  [-]  [-] | getKeyIdToString()  wrappedRCPRB  getString(int)  ValidatingResourceBundle(String)  getExpandedString(int,String[-])  getMissingPropertyBehavior()  setMissingPropertyBehavior(int)  missingPropertyBehavior  getExpandedString(int)  NOOP\_BEHAVIOR  EMPTYSTRING\_BEHAVIOR  getSize()  THROW\_BEHAVIOR  validated  validate() |
| SqltoolRB  [2] | SqltoolRB\_new\_1  [ValidatingResourceBundle\_new\_1]  [-] | DSV\_SKIPCOLS\_MISSING  getString(int, int)  getString(int,String)  getString(int,String,String,String)  getString(int,String[-])  setMissingPosValueBehavior(int)  getString(int, int,String)  getString(int, int, int)  getString(int,String,String)  SqltoolRB\_new\_2\_Instance |
| SqltoolRB\_new\_2  [-]  [-] | memberKeyArray  validate()  getString(int)  setMissingPropertyBehavior(int)  SqltoolRB()  getSize()  getKeyIdToString()  keyIdToString  JDBC\_ESTABLISHED  main(String[-])  PLVAR\_UNDEFINED  HISTORY\_UNAVAILABLE  FILE\_WROTECHARS  BINBUFFER\_EMPTY  READ\_CONVERTFAIL  READ\_TOOBIG  READ\_PARTIAL  DSV\_NOCOLSLEFT  INSERTION\_PREPAREFAIL  BOOLEAN\_BAD  DSV\_RECIN\_FAIL  REJECTREPORT\_TOP  DSV\_REJECTREPORT\_PURGEFAIL  DSV\_IMPORT\_SUMMARY  DSV\_CONSTCOLS\_NULLCOL  INSERTIONS\_NOTCOMMITTED  DSV\_HEADER\_NONE  FILE\_READFAIL  DSV\_HEADER\_NOSWITCHMATCH  AUTOCOMMIT\_FETCHFAIL  QUERY\_METADATAFAIL  DSV\_REJECTFILE\_SETUPFAIL  TIME\_BAD  NONE  REJECTREPORT\_BOTTOM  DSV\_NOCOLHEADER  INPUTREC\_MODIFIED  INPUTFILE\_CLOSEFAIL  DSV\_METADATA\_MISMATCH  DSV\_REJECTREPORT\_SETUPFAIL  DSV\_HEADER\_NONSWITCHED  DSV\_HEADER\_NOSWITCHTARG  DSV\_HEADER\_MATCHERNONHEAD  DSV\_COLCOUNT\_MISMATCH  DSV\_INSERTCOL\_MISMATCH  DSV\_REJECTFILE\_PURGEFAIL  METADATA\_FETCH\_FAIL  COMMITTED  SPECIAL\_UNKNOWN  FILE\_WRITEFAIL  SPECIAL\_HELP  SPECIAL\_UNSPECIFIED  OUTPUTFILE\_REOPENING  HTML\_MODE  SQLFILE\_NAME\_DEMAND  SPECIAL\_MALFORMAT  OUTPUTFILE\_NONETOCLOSE  DSV\_TARGETFILE\_DEMAND  SPECIAL\_B\_MALFORMAT  A\_SETTING  BINARY\_LOADEDBYTESINTO  SPECIAL\_D\_LIKE  C\_SETTING  BANG\_INCOMPLETE  BANG\_COMMAND\_FAIL  BINARY\_FILEFAIL  SQLFILE\_EXECUTE\_FAIL  PL\_LIST\_PARENS  PL\_LIST\_LENGTHS  TEMPFILE\_REMOVAL\_FAIL  PL\_EXPANSIONMODE  PREPARE\_MALFORMAT  PL\_MALFORMAT  END\_NOBLOCK  PL\_TEMPFILE\_FAIL  PL\_UNKNOWN  DUMPLOAD\_FAIL  PL\_HELP  WHILE\_MALFORMAT  IF\_MALFORMAT  CONTINUE\_SYNTAX  DUMPLOAD\_MALFORMAT  PL\_BLOCK\_FAIL  PLVAR\_TILDEDASH\_NOMOREARGS  BREAK\_SYNTAX  IFWHILE\_MALFORMAT  PLVAR\_NOCOLON  FOREACH\_MALFORMAT  ABORTING  CONTINUE\_UNSATISFIED  PLVAR\_SET\_INCOMPLETE  RAW\_MOVEDTOBUFFER  SQLFILE\_BANNER  ERRORAT  ROLLINGBACK  INPUT\_MOVEDTOBUFFER  INPUT\_UNTERMINATED  RAW\_EMPTY  SQLSTATEMENT\_EMPTY  BREAK\_UNSATISFIED  CAUSEREPORT  PRIMARYINPUT\_ACCESSFAIL  INPUTREADER\_CLOSEFAIL  RCDATA\_INLINEURL\_MISSING  SQLTEMPFILE\_FAIL  PASSWORD\_READFAIL  RCDATA\_GENFROMVALUES\_FAIL  RCDATA\_INLINE\_EXTRAVARS  RCDATA\_PASSWORD\_VISIBLE  CONNECTION\_FAIL  CONNDATA\_RETRIEVAL\_FAIL  RCDATA\_INLINEUSERNAME\_MISSING  SQLTOOL\_ABORTCONTINUE\_MUTUALLYEXC  LUSIVE  SQLTOOL\_SYNTAX  EDITBUFFER\_CONTENTS  NOBUFFER\_YET  BUFFER\_UNKNOWN  EDIT\_MALFORMAT  BUFHIST\_UNSPECIFIED  SUBSTITUTION\_SYNTAX  BUFFER\_EXECUTING  BUFFER\_RESTORED  DESTFILE\_DEMAND  FILE\_APPENDFAIL  BUFFER\_HELP  SUBSTITUTION\_MALFORMAT  SUBSTITUTION\_NOMATCH  DSV\_X\_SYNTAX  DSV\_OPTIONS  SQLFILE\_READFAIL  D\_OPTIONS  RAW\_LEADIN  DSV\_M\_SYNTAX  RAWMODE\_PROMPT  NORESULT  ROW\_UPDATE\_SINGULAR  ROWS\_FETCHED  ROW\_UPDATE\_MULTIPLE  VENDOR\_NOSUP\_SYSSCHEMAS  ROWS\_FETCHED\_DSV  DSV\_BINCOL  PLVAR\_NAMEEMPTY  SYSPROP\_UNTERMINATED  PLALIAS\_MALFORMAT  SYSPROP\_EMPTY  PLVAR\_UNTERMINATED  VAR\_INFINITE  SYSPROP\_UNDEFINED  VENDOR\_NOSUP\_D  VENDOR\_DERBY\_DR  VENDOR\_DERBY\_DU  METADATA\_FETCH\_FAILFOR  VENDOR\_ORACLE\_DS  SPECIAL\_D\_UNKNOWN  HISTORY\_NUMBER\_REQ  HISTORY\_UPTO  HISTORY\_BACK  HISTORY\_BACKTO  DESCRIBE\_TABLE\_NONULLS  DESCRIBE\_TABLE\_DATATYPE  DESCRIBE\_TABLE\_WIDTH  DESCRIBE\_TABLE\_NAME  HISTORY\_NONE  BUFFER\_INSTRUCTIONS  DSV\_ROWDELIM\_PRESENT  DSV\_NULLREP\_PRESENT  DSV\_COLDELIM\_PRESENT  PREPARE\_DEMANDQM  PL\_BLOCK\_UNTERMINATED  END\_SYNTAX  REJECTREPORT\_ROW  BUFFER\_EXTRACHARS  SPECIAL\_EXTRACHARS  PASSWORDFOR\_PROMPT  SQLTOOL\_VARSET\_BADFORMAT  LOGICAL\_UNRECOGNIZED  keyCounter  COMMANDNUM\_MALFORMAT  BUFFER\_EMPTY  static {}  BINBUF\_WRITE  OUTPUTFILE\_HEADER |