ColumnID

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| --- | --- | --- | --- |
| Method Name | Parameters | Return Type | **Return value** |
| getColumnName() | - | String | **this**.columnName |
| getTableName() | - | String | **this**.tableName |
| toString() | - | String | either returns  a) this.columnName or  b) this.tableName then period and then this.columnName |
| hashCode() | - | int | Result of intense calculation for a hashcode |
| Equals(Object obj) | Object | boolean | If the given object is the current column |

ColumnDescription

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| --- | --- | --- | --- |
| toString() |  | String | Column type and column name |
| getColumnType() |  | DataType | Column Type |
| setColumnType(DataType columnType) | DataType {***INT***,***VARCHAR***,***DECIMAL***,***BOOLEAN***}; | Void | - |
| getColumnName() |  | String | columnName |
| setColumnName(String name) | String | Void | - |
| isUnique() | - | Boolean | Value of the Boolean isUnique |
| setUnique(**boolean** unique) | boolean | Void |  |
| isNotNull() | - | Boolean | Value of notNull field |
| setNotNull(**boolean** notNull) | Boolean | Void | - |
| getHasDefault() | - | Boolean | Value of the hasDefault field |
| setHasDefault(**boolean** hasDefault) | Boolean | Void | - |
| getDefaultValue() | - | String | Value of the defaultValue field |
| setDefaultValue(String defaultValue) | String | Void | - |
| getWholeNumberLength() | - | Int | Value of the wholeNumberLength field |
| setWholeNumberLength(**int** length) | int | Void | - |
| getFractionLength() | - | Int | Value of factionalLength field |
| setFractionalLength(**int** length) | Int | Void | - |
| getVarCharLength() | - | Int | Value of the varcharLength field |
| setVarcharLength(**int** varcharLength) | Int | Void | - |
| compareTo(ColumnDescription other) | ColumnDescription | Int | value resulting from the comparison |
| hashCode() | - | Int | Value returned from the generated hashcode |
| equals(Object obj) | Object | boolean | Is the given object this object. |