

QBGroupBy

Property Summary

QBSelect	parent Get query builder parent table clause, this may be a query or a join clause.
QBSelect	root Get query builder parent.

Method Summary

QBGroupBy	add(column) Add column name to group-by clause.
QBGroupBy	add(function) Add column name to group-by clause.
QBGroupBy	addPk() Add the tables' primary pk columns in alphabetical order to the group by clause.
QBGroupBy	clear() Clear the to group-by clause.

Property Details

parent

Get query builder parent table clause, this may be a query or a join clause.

Returns

[QBSelect](#)

Sample

```
/** @type {QBSelect<db:/example_data/person>} */
var query = databaseManager.createSelect('db:/example_data/person')
query.where.add(query.joins.person_to_parent.joins.person_to_parent.columns.name.eq('john'))
foundset.loadRecords(query)
```

root

Get query builder parent.

Returns

[QBSelect](#)

Sample

```
/** @type {QBSelect<db:/example_data/order_details>} */
var subquery = databaseManager.createSelect('db:/example_data/order_details')

/** @type {QBSelect<db:/example_data/orders>} */
var query = databaseManager.createSelect('db:/example_data/orders')
query.where.add(query
    .or
        .add(query.columns.order_id.not.isin([1, 2, 3]))
        .add(query.exists(
            subquery.where.add(subquery.columns.orderid.eq(query.columns.
order_id)).root
        ))
    )
foundset.loadRecords(query)
```

Method Details

add

QBGroupBy **add** (column)

Add column name to group-by clause.

Same as query.groupBy().add(join.getColumn("value"))

Parameters

{[QBColumn](#)} column - the column to add to the query condition

Returns

[QBGroupBy](#)

Sample

```
/** @type {QBSelect<db:/example_data/orders>} */
var query = databaseManager.createSelect('db:/example_data/orders')
query.groupBy.add(query.columns.orderid) // have to group by on pk when using having-conditions in
(foundset) pk queries
.root.having.add(query.joins.orders_to_order_details.columns.quantity.count.eq(0))
foundset.loadRecords(query)
```

add

QBGroupBy **add** (function)

Add column name to group-by clause.

Same as query.groupBy().add(join.getColumn("value"))

Parameters

{[QBFunction](#)} function - the function to add to the query

Returns

[QBGroupBy](#)

Sample

```
/** @type {QBSelect<db:/example_data/orders>} */
var query = databaseManager.createSelect('db:/example_data/orders')
query.groupBy.add(query.columns.orderid) // have to group by on pk when using having-conditions in
(foundset) pk queries
.root.having.add(query.joins.orders_to_order_details.columns.quantity.count.eq(0))
foundset.loadRecords(query)
```

addPk

QBGroupBy **addPk** ()

Add the tables' primary pk columns in alphabetical order to the group by clause.

Returns

[QBGroupBy](#)

Sample

```
/** @type {QBSelect<db:/example_data/orders>} */
var query = databaseManager.createSelect('db:/example_data/orders')
query.groupBy.addPk() // have to group by on pk when using having-conditions in (foundset) pk queries
.root.having.add(query.joins.orders_to_order_details.columns.quantity.count.eq(0))
foundset.loadRecords(query)
```

clear

QBGroupBy **clear** ()

Clear the to group-by clause.

Returns

[QBGroupBy](#)

Sample

```
var q = foundset.getQuery()  
q.where.add(q.columns.x.eq(100))  
query.groupBy.clear.root.clearHaving()  
foundset.loadRecords(q);
```