

QBGroupBy



Apr 08, 2024 12:59

Supported Clients

SmartClient WebClient NGClient

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.

Methods 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

Supported Clients

SmartClient,WebClient,NGClient

Sample

```
var query = datasources.db.example_data.person.createSelect();
    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

Supported Clients

SmartClient,WebClient,NGClient

Sample

```
var subquery = datasources.db.example_data.order_details.createSelect();

    var query = datasources.db.example_data.orders.createSelect();
    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)
```

Methods Details

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](#)

Supported Clients

SmartClient,WebClient,NGClient

Sample

```
var query = datasources.db.example_data.orders.createSelect();
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(function)

Add column name to group-by clause.

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

Parameters

[QBColumn](#) function the function to add to the query

Returns

[QBGroupBy](#)

Supported Clients

SmartClient,WebClient,NGClient

Sample

```
var query = datasources.db.example_data.orders.createSelect();
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()

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

Returns

[QBGroupBy](#)

Supported Clients

SmartClient,WebClient,NGClient

Sample

```
var query = datasources.db.example_data.orders.createSelect();
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()

Clear the to group-by clause.

Returns

[QBGroupBy](#)

Supported Clients

SmartClient,WebClient,NGClient

Sample

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