

QBJoin



Apr 06, 2024 11:05

Supported Clients

SmartClient WebClient NGClient

Property Summary

QBColumns	columns	Get all the columns of the datasource that can be used for this query (select or where clause)
Number	joinType	Returns the join type, one of IQueryBuilderJoin#LEFT_OUTER_JOIN, IQueryBuilderJoin#INNER_JOIN, IQueryBuilderJoin#RIGHT_OUTER_JOIN, IQueryBuilderJoin#FULL_JOIN
QBJoins	joins	Get the joins clause of this table based clause.
QBLogicalCondition	on	Get the on clause for the join.
QBTableClause	parent	Get query builder parent table clause, this may be a query or a join clause.
QBSelect	root	Get query builder parent.

Methods Summary

QBColumn	getColumn(name)	Get a column from the table.
QBColumn	getColumn(columnTableAlias, name)	Get a column from the table with given alias.
String	getDataSource()	Returns the datasource for this.
String	getTableAlias()	Returns the table alias for this.

Property Details

columns

Get all the columns of the datasource that can be used for this query (select or where clause)

Returns

QBColumns

Supported Clients

SmartClient,WebClient,NGClient

Sample

```
var query = foundset.getQuery();
query.result.add(query.columns.name, "name");
query.where.add(query.columns.orderdate.isNull)
```

joinType

Returns the join type, one of IQueryBuilderJoin#LEFT_OUTER_JOIN, IQueryBuilderJoin#INNER_JOIN, IQueryBuilderJoin#RIGHT_OUTER_JOIN, IQueryBuilderJoin#FULL_JOIN

Returns

Number joinType.

Supported Clients

SmartClient,WebClient,NGClient

Sample

joins

Get the joins clause of this table based clause.
Joins added to this clause will be based on this table clauses table.

Returns

QBJoins

Supported Clients

SmartClient,WebClient,NGClient

Sample

```
foundset.getQuery().joins
```

on

Get the on clause for the join.

Returns

[QBLogicalCondition](#)

Supported Clients

SmartClient, WebClient, NGClient

Sample

```
var query = datasources.db.example_data.person.createSelect();
/** @type {QBJoin<db:/example_data/person>} */
var join1 = query.joins.add('db:/example_data/person')
join1.on.add(query.columns.parent_person_id.eq(join1.columns.person_id))
/** @type {QBJoin<db:/example_data/person>} */
var join2 = query.joins.add('db:/example_data/person')
join2.on.add(join1.columns.parent_person_id.eq(join2.columns.person_id))

query.where.add(join2.columns.name.eq('john'))
foundset.loadRecords(query)
```

parent

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

Returns

[QBTableClause](#)

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

getColumn(name)

Get a column from the table.

Parameters

[String](#) name the name of column to get

Returns

[QBColumn](#)

Supported Clients

SmartClient,WebClient,NGClient

Sample

```
foundset.getQuery().getColumn('orderid')
```

getColumn(columnTableAlias, name)

Get a column from the table with given alias.

The alias may be of the main table or any level deep joined table.

Parameters

[String](#) columnTableAlias the alias for the table

[String](#) name the name of column to get

Returns

[QBColumn](#)

Supported Clients

SmartClient,WebClient,NGClient

Sample

```
foundset.getQuery().getColumn('orderid', 'opk')
```

getDataSource()

Returns the datasource for this.

Returns

[String](#) the dataSource

Supported Clients

SmartClient,WebClient,NGClient

Sample

getTableAlias()

Returns the table alias for this.

Returns

[String](#) the tableAlias

Supported Clients

SmartClient,WebClient,NGClient

Sample