

QBJoins

Property Summary

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

Method Summary

QBJoin	add(dataSource) Add a join with join type IQueryBuilderJoin#LEFT_OUTER_JOIN and no alias for the joining table.
QBJoin	add(dataSource, joinType) Add a join with no alias for the joining table.
QBJoin	add(dataSource, joinType, alias) Add a join clause from the parent query builder part to the specified data source.
QBJoin	add(dataSourceOrRelation, alias) Add a join based on relation or add a manual join.

Property Details

parent

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

Returns

[QBTableClause](#)

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

[QBJoin](#) **add** (dataSource)

Add a join with join type IQueryBuilderJoin#LEFT_OUTER_JOIN and no alias for the joining table.

Parameters

[{String}](#) dataSource - data source

Returns

[QBJoin](#)

Sample

```
/** @type {QBSelect<db:/example_data/orders>} */
var query = databaseManager.createSelect('db:/example_data/orders')
/** @type {QBJoin<db:/example_data/order_details>} */
var join = query.joins.add('db:/example_data/order_details', JSRelation.INNER_JOIN, 'odetail')
join.on.add(join.columns.orderid.eq(query.columns.orderid))
// to add a join based on a relation, use the relation name
var join2 = query.joins.add('orders_to_customers', 'cust')
query.where.add(join2.columns.customerid.eq(999))
foundset.loadRecords(query)
```

add

[QBJoin](#) **add** (dataSource, joinType)

Add a join with no alias for the joining table.

Parameters

[{String}](#) dataSource - data source

[{Number}](#) joinType - join type, one of JSRelation.LEFT_OUTER_JOIN, JSRelation.INNER_JOIN, JSRelation.RIGHT_OUTER_JOIN, JSRelation.FULL_JOIN

Returns

[QBJoin](#)

Sample

```
/** @type {QBSelect<db:/example_data/orders>} */
var query = databaseManager.createSelect('db:/example_data/orders')
/** @type {QBJoin<db:/example_data/order_details>} */
var join = query.joins.add('db:/example_data/order_details', JSRelation.INNER_JOIN, 'odetail')
join.on.add(join.columns.orderid.eq(query.columns.orderid))
// to add a join based on a relation, use the relation name
var join2 = query.joins.add('orders_to_customers', 'cust')
query.where.add(join2.columns.customerid.eq(999))
foundset.loadRecords(query)
```

add

[QBJoin](#) **add** (dataSource, joinType, alias)

Add a join clause from the parent query builder part to the specified data source.

Parameters

[{String}](#) dataSource - data source

[{Number}](#) joinType - join type, one of IQueryBuilderJoin#LEFT_OUTER_JOIN, IQueryBuilderJoin#INNER_JOIN, IQueryBuilderJoin#RIGHT_OUTER_JOIN, IQueryBuilderJoin#FULL_JOIN

[{String}](#) alias - the alias for joining table

Returns

[QBJoin](#)

Sample

```

/** @type {QBSelect<db:/example_data/orders>} */
    var query = databaseManager.createSelect('db:/example_data/orders')
/** @type {QBJoin<db:/example_data/order_details>} */
    var join = query.joins.add('db:/example_data/order_details', JSRelation.INNER_JOIN, 'odetail')
    join.on.add(join.columns.orderid.eq(query.columns.orderid))
// to add a join based on a relation, use the relation name
var join2 = query.joins.add('orders_to_customers', 'cust')
    query.where.add(join2.columns.customerid.eq(999))
    foundset.loadRecords(query)

```

add

[QBJoin](#) **add** (dataSourceOrRelation, alias)

Add a join based on relation or add a manual join.

When dataSourceOrRelation is a relation name, a join will be added based on the relation.

When dataSourceOrRelation is a data source, an empty join will be added with join type IQueryBuilderJoin#LEFT_OUTER_JOIN.

Parameters

[{String}](#) dataSourceOrRelation - data source

[{String}](#) alias - the alias for joining table

Returns

[QBJoin](#)

Sample

```

/** @type {QBSelect<db:/example_data/orders>} */
    var query = databaseManager.createSelect('db:/example_data/orders')
/** @type {QBJoin<db:/example_data/order_details>} */
    var join = query.joins.add('db:/example_data/order_details', JSRelation.INNER_JOIN, 'odetail')
    join.on.add(join.columns.orderid.eq(query.columns.orderid))
// to add a join based on a relation, use the relation name
var join2 = query.joins.add('orders_to_customers', 'cust')
    query.where.add(join2.columns.customerid.eq(999))
    foundset.loadRecords(query)

```