

QBResult

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Supported Clients

SmartClient WebClient NGClient

Property Summary		
Boolean	distinct	Get/set the distinct flag for the query.
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		
QBResult	add(aggregate)	Add an aggregate to the query result.
QBResult	add(aggregate, alias)	Add an aggregate with alias to the query result.
QBResult	add(column)	Add a column to the query result.
QBResult	add(column, alias)	Add a column with alias to the query result.
QBResult	add(func)	Add a function result to the query result.
QBResult	add(func, alias)	Add a function with alias result to the query result.
QBResult	add(qcase)	Add a case searched expression to the query result.
QBResult	add(qcase, alias)	Add a case searched expression with alias to the query result.
QBResult	addPk()	Add the tables' primary pk columns in alphabetical order to the query result.
QBResult	addSubSelect(query)	Add a query to the query result.
QBResult	addSubSelect(query, alias)	Add a query with alias to the query result.
QBResult	addSubSelect(customQuery, args)	Add a custom subquery to the query result.
QBResult	addSubSelect(customQuery, args, alias)	Add a custom subquery with alias to the query result.
QBResult	addValue(value)	Add a value to the query result.
QBResult	addValue(value, alias)	Add a value with an alias to the query result.
QBResult	clear()	Clear the columns in the query result.
Array	getColumns()	returns an array with all the columns that will be in the select of this query.

Property Details

distinct
Get/set the distinct flag for the query.

Returns
[Boolean](#)

Supported Clients
SmartClient,WebClient,NGClient

Sample

```
query.result.distinct = true
```

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(aggregate)**

Add an aggregate to the query result.

Parameters[QBColumn](#) aggregate the aggregate to add to result**Returns**[QBResult](#)**Supported Clients**

SmartClient,WebClient,NGClient

Sample

```
query.result.add(query.columns.label_text.max)
```

add(aggregate, alias)

Add an aggregate with alias to the query result.

Parameters[QBColumn](#) aggregate the aggregate to add to result[String](#) alias aggregate alias**Returns**[QBResult](#)**Supported Clients**

SmartClient,WebClient,NGClient

Sample

```
query.result.add(query.columns.item_count.max, 'maximum_items')
```

add(column)

Add a column to the query result.

Parameters[QBColumn](#) column column to add to result**Returns**[QBResult](#)**Supported Clients**

SmartClient,WebClient,NGClient

Sample

```
query.result.add(query.columns.custname)
```

add(column, alias)

Add a column with alias to the query result.

Parameters

[QBColumn](#) column column to add to result

[String](#) alias column alias

Returns

[QBResult](#)

Supported Clients

SmartClient,WebClient,NGClient

Sample

```
query.result.add(query.columns.custname, 'customer_name')
```

add(func)

Add a function result to the query result.

Parameters

[QBColumn](#) func the function to add to the result

Returns

[QBResult](#)

Supported Clients

SmartClient,WebClient,NGClient

Sample

```
query.result.add(query.columns.custname.upper())
```

add(func, alias)

Add a function with alias result to the query result.

Parameters

[QBColumn](#) func the function to add to the result

[String](#) alias function alias

Returns

[QBResult](#)

Supported Clients

SmartClient,WebClient,NGClient

Sample

```
query.result.add(query.columns.custname.upper(), 'customer_name')
```

add(qcase)

Add a case searched expression to the query result.

Parameters

[QBColumn](#) qcase The searched case expression.

Returns

[QBResult](#)

Supported Clients

SmartClient,WebClient,NGClient

Sample

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

// case expressions can be added to the result of the query
query.result.add(query.case.when(query.columns.quantity.ge(1000)).then('BIG').else('small'));

// they can also be used in conditions
query.where.add(query.case
    .when(query.columns.discount.gt(10)).then(50)
    .when(query.columns.quantity.le(20)).then(70)
    .else(100)
    .multiply(query.columns.unitprice).lt(10000));
```

add(qcase, alias)

Add a case searched expression with alias to the query result.

Parameters

[QBColumn](#) qcase The searched case expression.
[String](#) alias function alias

Returns

[QBResult](#)

Supported Clients

SmartClient,WebClient,NGClient

Sample

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

// case expressions can be added to the result of the query
query.result.add(query.case.when(query.columns.quantity.ge(1000)).then('BIG').else('small'));

// they can also be used in conditions
query.where.add(query.case
    .when(query.columns.discount.gt(10)).then(50)
    .when(query.columns.quantity.le(20)).then(70)
    .else(100)
    .multiply(query.columns.unitprice).lt(10000));
```

addPk()

Add the tables' primary pk columns in alphabetical order to the query result.

Returns

[QBResult](#)

Supported Clients

SmartClient,WebClient,NGClient

Sample

```
query.result.addPk()
```

addSubSelect(query)

Add a query to the query result.

Parameters

[QBSelect](#) query query to add to result

Returns

[QBResult](#)

Supported Clients

SmartClient,WebClient,NGClient

Sample

```
// make sure the query returns exactly 1 value.
query.result.addSubSelect(subquery);
```

addSubSelect(query, alias)

Add a query with alias to the query result.

Parameters

[QBSelect](#) query query to add to result
[String](#) alias result alias

Returns

[QBResult](#)

Supported Clients

SmartClient, WebClient, NGClient

Sample

```
// make sure the query returns exactly 1 value.
query.result.addSubSelect(subquery, "mx");
```

addSubSelect(customQuery, args)

Add a custom subquery to the query result.

Parameters

[String](#) customQuery query to add to result
[Array](#) args arguments to the query

Returns

[QBResult](#)

Supported Clients

SmartClient, WebClient, NGClient

Sample

```
// make sure the subquery returns exactly 1 value.
// select (select max from othertab where val = 'test') from tab
query.result.addSubSelect("select max(field) from othertab where val = ?", ["test"]);
```

addSubSelect(customQuery, args, alias)

Add a custom subquery with alias to the query result.

Parameters

[String](#) customQuery query to add to result
[Array](#) args arguments to the query
[String](#) alias result alias

Returns

[QBResult](#)

Supported Clients

SmartClient, WebClient, NGClient

Sample

```
// make sure the subquery returns exactly 1 value.
// select (select max from othertab where val = 'test') as mx from tab
query.result.addSubSelect("select max from othertab where val = ?", ["test"], "mx");
```

addValue(value)

Add a value to the query result.

Parameters

[Object](#) value value add to result

Returns[QBResult](#)**Supported Clients**

SmartClient,WebClient,NGClient

Sample

```
query.result.addValue(100)
```

addValue(value, alias)

Add a value with an alias to the query result.

Parameters[Object](#) value value add to result[String](#) alias value alias**Returns**[QBResult](#)**Supported Clients**

SmartClient,WebClient,NGClient

Sample

```
query.result.addValue(100, 'myvalue')
```

clear()

Clear the columns in the query result.

Returns[QBResult](#)**Supported Clients**

SmartClient,WebClient,NGClient

Sample

```
query.result.clear()
```

getColumns()

returns an array with all the columns that will be in the select of this query.
can return empty array. Then the system will auto append the pk when this query is used.

Returns[Array](#) An array of QBColumn thats in the select of this query.**Supported Clients**

SmartClient,WebClient,NGClient

Sample

```
var columns = query.result.getColumns();
```