



# QueryValues Helper

The QueryValues Helper file contains a function for writing values or key value pairs of database query results.

## Loading this Helper

This helper is loaded using the following code:

```
rigLoadHelper "queryvalues"
```

The function:

### rigQueryValues(pResult, pKeyValueDelimiter, pRecordDelimiter, pFieldnames)

The first parameter is a database query result. The second parameter defines the key value delimiter (defaults to " => "). The third parameter defines the record delimiter (defaults to ", "). If you leave the second and third parameters blank the default values are used. "<>" as the second parameter specifies, that you want to omit the array keys and retrieve the values only. The optional fourth parameter is an array containing the field names of the database table. Example:

```
# MODEL DATABASE QUERY
put mymodelFetchAllData("recipe") into tQuery
put tQuery["resultarray"] into tResult

# DISPLAY RESULT ARRAY
put rigQueryValues(tResult) into gData["resultData"]
```

The output looks like this:

```
1 => 1, 2 => Banana Bread, 3 => How to make banana bread.<br />
1 => 2, 2 => Pancakes, 3 => How to make pancakes.<br />
1 => 3, 2 => Chocolate Cake, 3 => How to make chocolate cake
.<br />
1 => 4, 2 => Pasta, 3 => How to make pasta.
```

Here is another example:

```
# MODEL DATABASE QUERY
put mymodelFetchAllData("recipe") into tQuery
put tQuery["resultarray"] into tResult
put tQuery["fieldnames"] into tFieldNames

# DISPLAY RESULT ARRAY
put rigQueryValues(tResult, , , tFieldNames) into gData["resultData"]
```

The output looks like this:

```
ID => 1, Name => Banana Bread, Directions => How to make banana bread.<br />
ID => 2, Name => Pancakes, Directions => How to make pancakes.<br />
ID => 3, Name => Chocolate Cake, Directions => How to make chocolate cake.<br />
ID => 4, Name => Pasta, Directions => How to make pasta.
```

This example shows how to retrieve the values only:

```
# MODEL DATABASE QUERY
put mymodelFetchAllData("recipe") into tQuery
put tQuery["resultarray"] into tResult

# DISPLAY RESULT ARRAY
put "<>" into tKeyValueDelim
put " - " into tRecordDelim
put rigQueryValues(tResult, tKeyValueDelim, tRecordDelim) into gData["resultData"]
```

The output looks like this:

```
1 - Banana Bread - How to make banana bread.<br />
2 - Pancakes - How to make pancakes.<br />
3 - Chocolate Cake - How to make chocolate cake.<br />
4 - Pasta - How to make pasta.
```