

RTI_Bitmap_Index_Search function

Description

The RTI_BITMAP_INDEX_SEARCH function searches a bitmap index to return the set of keys whose values which match the search criteria.

Syntax

RTI_BITMAP_INDEX_SEARCH(tableName, columnName, searchType, searchVals)

Parameters

tableName	In	Name of the table to search. Required.
columnNane	In	Name of the index column. Required.
searchType	In	Type of search to perform. This can be one of the following values: "AND" "OR"
searchVals	In	@vm delimited list of terms to search for.

Returns

@vm delimited list of keys that match the search query. Errors are returned via Set_Status

Example

```
Function test_rti_bitmap_search(void)
/*
** Example of using RTI_BITMAP_SEARCH
*/
Declare Function RTI_BITMAP_INDEX_SEARCH
* filename is Name of the indexed table
filename      = "UTF8_WORDS"

* fieldname is Name of the indexed column
fieldname     = "NON_ASCII_LEN"
* searchtype can one of "OR", "AND", defaults to "OR"
searchType    = "OR"
* Searchvals is VM delimited list
* Exact match only. Qualifiers such starting with, contains, from...to are not supported.
item1 = "96"
item2 = "71"
searchVals = item1:@vm:item2
* returns vm delimited list of keys
hits = RTI_BITMAP_INDEX_SEARCH(filename, fieldname, searchType, searchVals)
this_cnt = dcount(hits, @vm)
Return hits
```