

## QGIS Application - Bug report #4098

### Problems with "Advanced Search" query results

2011-07-20 12:16 AM - Alister Hood

<b>Status:</b>	Closed	
<b>Priority:</b>	Normal	
<b>Assignee:</b>		
<b>Category:</b>	Vectors	
<b>Affected QGIS version:</b>		<b>Regression?:</b> No
<b>Operating System:</b>		<b>Easy fix?:</b> No
<b>Pull Request or Patch supplied:</b>		<b>Resolution:</b>
<b>Crashes QGIS or corrupts data:</b>		<b>Copied to github as #:</b> 14080
<b>Description</b>  I expected these two queries to give me the same results: not DESCRIPT = '1' DESCRIPT != '1' But the second query gave me the results of the first query minus any items with NULL values in the DESCRIPT column. Is this a bug, or is this a standard "feature" of SQL? I guess the good thing is that I could use this to select rows with NULL values in a numeric column ;) (I can't find any other way to do that - see below)  Similarly, I expected these two queries to both select the rows with NULL values: DESCRIPT ILIKE NULL DESCRIPT = NULL But actually only the first query does, and since ILIKE is not allowed on a numeric column we have the problem mentioned above.  Also, if DESCRIPT is a numeric column, why does this query select all the rows where DESCRIPT = 0?: DESCRIPT='hello' Wouldn't it make more sense to have an error message stating that you can't search for a string in a numeric column?		

#### History

##### #1 - 2011-07-20 01:20 AM - Jürgen Fischer

all operations on NULL values - except IS NULL and IS NOT NULL - yield NULL results. That's "normal" SQL.

Trying to convert non-numeric strings to number produces a 0, hence the outcome of your query. Letting that produce an error message seems right to me too.

##### #2 - 2011-07-20 02:43 AM - Alister Hood

Alister Hood wrote:

*I guess the good thing is that I could use this to select rows with NULL values in a numeric column ;) (I can't find any other way to do that - see below)*

Ah, thanks:

DESCRIPT IS NULL

I thought I tried that, but I must have been confused.

**#3 - 2011-07-20 03:20 AM - Jürgen Fischer**

*- Status changed from Open to Closed*

conversion error reporting included in commit:6c26773f9bd689bfe3002c4cdb349301419a8daa