

Core - Bug # 17624

Status:	Closed	Priority:	Should have		
Author:	Klaus Hinum	Category:	FormEngine aka TCEforms		
Created:	2007-09-24	Assigned To:			
Updated:	2013-09-25	Due date:			
TYPO3 Version:	4.1				
PHP Version:	5.0				
Complexity:					
Is Regression:	No				
Sprint Focus:					
Subject:	can't set TCA field (and therefore db field) to NULL				
Description					
<p>There is no possibility to set a field to NULL (e.g. with checkbox or default option) in the TCA field. This is a major problem as deleting for example integer values lead to "0" in the database (which is different from NULL). Furthermore, the COUNT statement won't work (as i am forced to use string input fields, which also don't allow NULL and only "").</p> <p>The fix would be to allow the option NULL as default value and for the checkbox in the TCA field.</p> <p>(issue imported from #M6390)</p>					
Related issues:					
related to Core - Feature # 41773: Add possibility to store NULL values					
			Resolved		
			2012-10-09		

History

#1 - 2007-09-25 17:42 - serge vleugels

Klaus could you provide some more details please. Your example is a bit cryptic.

As I understand you'd like to use the mysql count() function on the field which should have NULL.

Serge

#2 - 2007-09-26 20:12 - Klaus Hinum

the problem is, that you can't set a field (using tca) to NULL

see <http://www.nabble.com/TCA---set-field-to-NULL-t4428117.html>

the problem is, that i need to set fields null and not 0

e.g. for a field that contains the speed of a cpu: null is unknown or not set, 0 = 0 mhz

if the field is a text field, i can set it to "" but the mysql count function only ignores NULL values.

that means counting table columns with "" entries will be counted. therefore, null is also in text fields important.

the functionality to set a value to null is also working in e.g. phpmyadmin where you have a checkbox. therefore, the typo3 tca checkbox option would be ideal, but you can't set it to NULL.

#3 - 2007-09-28 10:43 - Steffen Kamper

INT-values doesn't support NULL as value. You should switch to CHAR or you use in Count-function "where field>0"

#4 - 2007-10-03 11:55 - Klaus Hinum

in typo3 you also can't set CHAR fields to NULL and the count solution with "where field>0" is no solution if fields containing 0 should be counted. there is a difference between 0 and NULL for some applications (like mine). furthermore ordering is also a problem (you have to typecast which costs speed)

phpmyadmin also provides a checkbox to set INT values (and all others) to NULL (if the field supports it), so why not typo3?

#5 - 2008-02-13 10:29 - Thorsten Deska

An other use case could be using this field for money amounts.

€ 0.00 is equal to free but NULL would have the meaning of no information provided.

#6 - 2010-09-30 09:46 - Klaus Hinum

Just wanted to note, that this issue is still pending...

#7 - 2010-10-12 18:16 - Antonio Nati

I also need to set some fields to NULL, and typo3 does not let me to do that.

I need to enforce referential integrity, and NULL value is essential for (missing) foreign keys.

#8 - 2011-09-04 23:26 - Andreas Wolf

- *Category set to FormEngine aka TCEforms*

- *Target version deleted (0)*

Do you have any good proposal how to display this in the UI? If we keep the checkbox, it should disable the whole field if unchecked. Maybe we could also have the field grayed out as a whole and enable (and thus add) it on-click.

#9 - 2011-09-23 09:46 - Klaus Hinum

I guess the checkbox should be used to really delete the value (NULL if field allows, otherwise set to default if it is not allowed to be empty) and the "0" should be displayed. That would be the most transparent case in my opinion.

#10 - 2012-04-17 17:20 - Klaus Hinum

any progress on that? I think this is a very important feature aka bug!

#11 - 2012-10-13 11:32 - Oliver Hader

See the related issue #41773 which tries to introduce this behaviour. The difficult thing is to bypass several "isset()" checks which will filter out the NULL value.

Besides that, the visualization in the forms is still something to be solved - if the "undefined/NULL" behaviour is applied to a checkbox this will end up in two checkboxes which might look strange...

#12 - 2013-09-25 14:19 - Ernesto Baschny

- *Status changed from New to Closed*
- *% Done changed from 0 to 100*
- *Is Regression set to No*

This is solved meanwhile since 6.0 in #17624.