

Core - Feature # 41773

Status:	Resolved	Priority:	Should have
Author:	Oliver Hader	Category:	Backend User Interface
Created:	2012-10-09	Assigned To:	
Updated:	2013-09-25	Due date:	
PHP Version:	5.3		
Complexity:	medium		
Sprint Focus:			
Subject:	Add possibility to store NULL values		
Description			
<p>The current implementation in the TYPO3 backend does not allow to store NULL values, only empty strings or zero as number are allowed.</p> <p>Since the overlay behavior of FAL takes e.g. the description property from the original file object an empty value in the disposal (the referenced file) cannot be defined to be blank, thus not clearing the original file description.</p> <p>For this case we need a new behavior to allow NULL values in the storage and to handle that in the backend view.</p> <p>For this a new TCA eval property needs to be created null, e.g.</p> <pre>'config' = array('type' => 'input', 'eval' => 'null', ...);</pre>			
Related issues:			
related to Core - Bug # 17624: can't set TCA field (and therefore db field) t...		Closed	2007-09-24
related to Core - Bug # 53662: DatabaseConnection INSERTquery does not allow ...		Resolved	2013-11-15
related to Core - Bug # 43139: Activating NULL value field does not work with...		Resolved	2012-11-20
related to Core - Bug # 43132: File Reference cannot be used to disable speci...		Resolved	2012-11-20
related to Core - Feature # 43133: Integrate possibility to determine NULL va...		Resolved	2012-11-20
precedes TCA Reference - Bug # 48406: eval misses new 'null' option		Closed	2013-05-21

Associated revisions

Revision 9f1efb64 - 2012-11-10 17:59 - Oliver Hader

[FEATURE] Add possibility to store NULL values

The current implementation in the TYPO3 backend does not allow to store NULL values, only empty strings or zero as number are allowed.

Since the overlay behavior of FAL takes e.g. the description property from the original file object an empty value in the disposal (the referenced file) cannot be defined to be blank, thus not clearing the original file description.

For this case we need a new behavior to allow NULL values in the storage and to handle that in the backend view.

This feature is enabled by adding "null" to the eval list of

the TCA configuration of a field, example:

```
'columns' => array(
  'title' => array(
    'config' => array(
      'type' => 'text',
      'eval' => 'null',
    )
  )
)
```

Besides that, of course the database field definition needs to be updated to support NULL values.

Change-Id: Ib5cd0e34e34d084df7ba3380ae81e5240bcf76d6

Resolves: #41773

Releases: 6.0

Reviewed-on: <http://review.typo3.org/15458>

Reviewed-by: Oliver Hader

Tested-by: Oliver Hader

History

#1 - 2012-10-09 20:19 - Gerrit Code Review

- Status changed from New to Under Review

Patch set 1 for branch **master** has been pushed to the review server.

It is available at <http://review.typo3.org/15458>

#2 - 2012-11-03 20:03 - Gerrit Code Review

Patch set 2 for branch **master** has been pushed to the review server.

It is available at <http://review.typo3.org/15458>

#3 - 2012-11-06 22:32 - Gerrit Code Review

Patch set 3 for branch **master** has been pushed to the review server.

It is available at <http://review.typo3.org/15458>

#4 - 2012-11-10 17:58 - Gerrit Code Review

Patch set 4 for branch **master** has been pushed to the review server.

It is available at <http://review.typo3.org/15458>

#5 - 2012-11-10 18:30 - Oliver Hader

- Status changed from Under Review to Resolved

- % Done changed from 0 to 100

Applied in changeset commit:9f1efb64de1df113e944fd7bd34b87504c402c57.

#6 - 2013-07-14 19:41 - Klaus Hinum

As soon as I add "eval" => "null" the field is not editable in the backend any more. Is there a missing setting or is this on purpose? How can I edit the field then?

#7 - 2013-09-25 14:25 - Ernesto Baschny

- *Target version deleted (6.0.0-RC1)*

Hi Klaus. When you enable "eval=>null" you will get a new checkbox besides your input field. The field is only "activated" once this checkbox is clicked (thus allowing to store the "empty string"). Once you click the checkbox, the field is disabled (and NULL is stored in the DB).

I noticed that the position of this checkbox is a bit bogus (at least in the current master), I opened up an issue to get that fixed (#52261).

Does that explain the feature to you and why the field is disabled at first? Probably you didn't notice the new checkbox.