

## Core - Bug # 52596

|  |  |                     |             |
|--|--|---------------------|-------------|
| <b>Status:</b>   | Resolved   | <b>Priority:</b>    | Should have |
| <b>Author:</b>   | Tomas Norre Mikkelsen  | <b>Category:</b>    | DBAL        |
| <b>Created:</b>  | 2013-10-07   | <b>Assigned To:</b> |             |
| <b>Updated:</b>  | 2014-01-15   | <b>Due date:</b>    |             |
| <b>TYPO3 Version:</b>  | 6.2  |                     |             |
| <b>PHP Version:</b>  | 5.3  |                     |             |
| <b>Complexity:</b>   |  |                     |             |
| <b>Is Regression:</b>  | No   |                     |             |
| <b>Sprint Focus:</b>   |  |                     |             |
| <b>Subject:</b>  | Creating pages tries to assign empty string to integer field |                     |             |
| <b>Description</b>   |  |                     |             |
| <p>Hi,</p> <p>I recently discovered an issue after upgrading to MySQL 5.6 when creating pages.</p> <p>When creating a page, following \$fieldArray is tried to be inserted.</p> <pre>array (\n 'doktype' =&gt; '1',\n 'hidden' =&gt; '1',\n 'starttime' =&gt; '0',\n 'endtime' =&gt; '0',\n 'layout' =&gt; '0',\n 'url_scheme' =&gt; 0,\n 'urltype' =&gt; '1',\n 'lastUpdated' =&gt; '0',\n 'newUntil' =&gt; '0',\n 'cache_timeout' =&gt; '0',\n 'shortcut_mode' =&gt; '0',\n 'module' =&gt; "",\n 'backend_layout' =&gt; "",\n 'backend_layout_next_level' =&gt; "",\n 'perms_userid' =&gt; '1',\n 'perms_groupid' =&gt; 0,\n 'perms_user' =&gt; 31,\n 'perms_group' =&gt; 27,\n 'perms_everybody' =&gt; 0,\n 'sorting' =&gt; 256,\n 'pid' =&gt; 0,\n 'title' =&gt; '[Default Title]',\n 'crdate' =&gt; 1381052264,\n 'cruiser_id' =&gt; '1',\n 'tstamp' =&gt; 1381052264,\n 't3ver_stage' =&gt; 0,\n ),</pre> <p>Which is ok, but the backend_layout and backend_layout_next_level fields are both set as empty strings "", which is tried to set into integer fields. This is a problem with MySQL 5.6 default setup cause it uses: sql_mode=STRICT_TRANS_TABLES ( or at least in osx</p> |  |                     |             |

it does)

This can for sure just be changes, but it might be a wanted configuration for some and it should be supported by TYPO3 too.

The "issue" as I see it is:

Why try to assign an empty string to an integer field. If the wanted behaviour is that it should be the default values, these should not be set in the fieldArray but be handled by the table definitions.

I don't have a solution for this, just wanted to address the issue.

I'll be glad helping figuring out this issue. But the main idea was to address the issue so we know which direction we should go.

Cheers

Is for sure related to:

<http://forge.typo3.org/issues/18866>

#### Related issues:

related to Core - Bug # 18866: Cannot create page with Mysql in strict mode (S...

Rejected

2008-05-28

#### Associated revisions

##### Revision 2cfefec4 - 2014-01-15 05:59 - Alexander Stehlik

[BUGFIX] Correct handling of empty Backend Layouts

Since the default value of the page properties backend\_layout and backend\_layout\_next\_level is an empty string the value in the select item is changed from zero to an empty string for consistency.

Additionally the BackendLayoutView will treat an empty string equally as a zero namely as a non set Backend Layout.

Resolves: #52596

Releases: 6.2

Change-Id: Ic792f748d005f5749f24a3e979b304c23320c8fa

Reviewed-on: <https://review.typo3.org/24882>

Reviewed-by: Wouter Wolters

Reviewed-by: Stefan Neufeind

Reviewed-by: Georg Ringer

Tested-by: Georg Ringer

#### History

##### #1 - 2013-10-17 19:20 - Alexander Stehlik

There seems to be a general problem with Backend Layouts for new pages. When a new page is created the fields in the database backend\_layout and backend\_layout\_next\_level contain empty strings.

But the BackendLayoutView only checks for values === '0' when searching for pages with no explicit Backend Layout. So when it finds an empty string it will assume that there is a Backend Layout set in that page (which of course is not).

I see two solutions for that problem:

1. change the default value of backend\_layout and backend\_layout\_next\_level back to zero
2. change the value in the Backend Layout selector also to an empty string instead of zero and adjust the check in BackendLayoutView so that it can handle empty strings

*Remark on the second solution:*

We need either to handle empty strings AND zeros to be backward compatible or we need an updater in the install tool.

## **#2 - 2013-10-17 23:28 - 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 <https://review.typo3.org/24882>

## **#3 - 2013-10-21 08:50 - Gerrit Code Review**

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

It is available at <https://review.typo3.org/24882>

## **#4 - 2013-12-14 19:14 - Gerrit Code Review**

Patch set 3 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.

It is available at <https://review.typo3.org/24882>

## **#5 - 2014-01-04 18:25 - Gerrit Code Review**

Patch set 4 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.

It is available at <https://review.typo3.org/24882>

## **#6 - 2014-01-15 06:30 - Alexander Stehlik**

*- Status changed from Under Review to Resolved*

*- % Done changed from 0 to 100*

Applied in changeset commit:2cfefec46e617e95fc350e3eae5304f6e91b882.