

Grid Elements - Suggestion # 60517

Status:	Resolved	Priority:	Won't have this time
Author:	Armin Ruediger Vieweg	Category:	UI & UX
Created:	2014-07-24	Assigned To:	
Updated:	2014-07-24	Due date:	
TYPO3 Version:	6.2		
PHP Version:			
Has patch:	No		
Patch is reviewed:	No		
Reporter:			
Subject:	Changing backend layout does not respect inheritance		
Description	<p>When I change the backend layout of a page and this backend layout has not all columns of the previous one, the <code>AfterDatabaseOperations::setUnusedElements()</code> method moves content items which belong to these lost columns to <code>colPos -2</code>.</p> <p>This is not a real problem (besides the fact that this changes the default behavior of TYPO3 significantly).</p> <p>But when I update the <code>backend_layout_next_level</code> of a parent page, which brings the lost columns back, the moved content items are still gone (<code>colPos -2</code>).</p> <hr/> <p>Is it really necessary to move items in unused columns to <code>colPos -2</code>?</p> <p>I don't like that. The change of backend layout of pages should not change the informations of the content items.</p> <p>Now conditions in backend layouts are able. What happens if I want to hide a column for a certain user group in backend but not want to hide the items in frontend?</p>		
Related issues:	related to Core - Bug # 43511: Page Tconfig option mod.SHARED.colPos_list do... Resolved 2012-12-02		

Associated revisions

Revision 71cf658e - 2014-07-24 19:18 - Jo Hasenau

[BUGFIX] Respect different options for layouts being not set

Since the core switches between 0 and empty as default values for `backend_layout` and `backend_layout_next_level` we have to tackle both

Change-Id: I938283b7037fcac2886300daa61f91772d1b4aaf

Resolves: #60517

Reviewed-on: <http://review.typo3.org/31770>

Reviewed-by: Armin Ruediger Vieweg <armin@v.ieweg.de>

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Reviewed-by: Jo Hasenau <info@cybercraft.de>

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History

#1 - 2014-07-24 15:28 - Jo Hasenau

- Tracker changed from Bug to Suggestion

- Category set to UI & UX

- Status changed from New to Needs Feedback
- Priority changed from Should have to Won't have this time

They are not gone, but in colPos -2, which can be easily solved by adding that particular column to your backend layout.

This resembles the "unused elements" of TV and currently is the only way to keep the items editable somehow after changes to the backend structures of pages and/or Gridelements.

IIRC you can disable columns for certain users, but still keep the items in there, without moving them to the "unused elements" column. You have to make sure that the column as such is available, but it can either be "not assigned" or "restricted". But AFAIK there is a bug report pending, since Tconfig stuff has been removed in the core without formal deprecation.

Currently there are no plans to change that behaviour with upcoming version 3.0, but we might discuss it for later GE versions, which would be available for TYPO3 version 6.3 and later then. Since 6.2 is LTS, we should not introduce changes of behaviour or other breaking changes there.

#2 - 2014-07-24 16:42 - Armin Ruediger Vieweg

This resembles the "unused elements" of TV and currently is the only way to keep the items editable somehow after changes to the backend structures of pages and/or Gridelements.

I understand this. But by changing the colPos to -2 you also modify the display of items in frontend. And IMO this should not happen just to make the backend more userfriendly. Instead of in gridelements I would expect such feature (which is of course very useful) in core's page module.

In list module these items are currently visible, aren't they? Maybe with "INVALID VALUE" in colPos if you edit the item, but they are still accessible.

All these little features, which changes the backend and even frontend behavior are suboptimal for gridelements, IMO.

For example the drag & drop feature (besides the fact, that it is already migrated to core): If it wouldn't be migrated I would be forced to use gridelements to have drag & drop. Even if I don't need all the other features like grids or inline wizard on pages or Insert as reference link.

This is a big complete pack, which changes the user experience for TYPO3 backend too much. It goes further away from TYPO3 standard. For me gridelements looks like the new TemplaVoila. But in a bad way, because of the way how to handle the all-included-features.

Please don't misunderstand me. I really like gridelements! Very much! But just for creating grids. Not more, not less. I don't want all the other changes. Or if I want them I would like to be able to choose eg. by installing new extensions which provides them.

Hope you get my point ^^

#3 - 2014-07-24 17:01 - Jo Hasenau

I won't discuss options for upcoming versions on the issue tracker, since this is not related to this issue. We can do some sessions about it at one of the Camps (will be in Bremen and Essen I guess), the CON or the next DEV DAYS.

#4 - 2014-07-24 17:04 - Jo Hasenau

Back to the issue:

Inheritance should be respected.

Take a look at line 175 ff. of Classes/DataHandler/AfterDatabaseOperations.php

It reacts on backend_layout_next_level changes and modifies subpage content recursively.

#5 - 2014-07-24 17:24 - Jo Hasenau

Armin Ruediger Vieweg wrote:

I understand this. But by changing the colPos to -2 you also modify the display of items in frontend. And IMO this should not happen just to make the backend more userfriendly. Instead of in gridelements I would expect such feature (which is of course very useful) in core's page module.

Exactly - and the core still does NOT provide such a feature, although backend layouts have been implemented more than 4(!) years ago AND gridelements are showing at least one possible option how to deal with that problem for 3(!) years now. #22903 is pending for almost the same time. Even though it might not be your preferred solution, at least it IS a solution for these problems.

In list module these items are currently visible, aren't they? Maybe with "INVALID VALUE" in colPos if you edit the item, but they are still accessible.

So people will see lots of "invalid values" IF they got access to the list module, or they just see nothing in the page module (for example because they are not allowed to access the list module) making them think they lost their content elements. IMHO Gridelements should deal with these problems at least until there is a proper solution provided by the core.

BTW: Most of the people who are using gridelements are using backend layouts for pages and content directly connected to a certain frontend output. So they definitely WANT to change the frontend output by changing the backend structures.

#6 - 2014-07-24 18:38 - Armin Ruediger Vieweg

Take a look at line 175 ff. of Classes/DataHandler/AfterDatabaseOperations.php

```
$this->getSubpagesRecursively($this->getPageUid(), $subpages);  
$subpages is empty.
```

#7 - 2014-07-24 18:42 - Armin Ruediger Vieweg

The problem is this in the getSubpageRecursively:

```
if ($page['backend_layout'] === 0) {}  
and if ($page['backend_layout_next_level'] === 0) {}
```

They are not zero (=== 0), they are empty. If I replace this condition with empty(...) it works.

#8 - 2014-07-24 18:57 - Jo Hasenau

According to this patch <https://review.typo3.org/#/c/25135/> actually none of the backend layout fields should be empty anymore. If this is still the case, we need to change that in the core.

Still it would not hurt to use empty instead of 0 in Gridelements to be on the safe side.

#9 - 2014-07-24 19:02 - Jo Hasenau

It seems they broke it again with this one <https://review.typo3.org/#/c/24882/> and it has not been reverted yet. :-(

#10 - 2014-07-24 19:06 - Gerrit Code Review

- Status changed from Needs Feedback to Under Review

Patch set 1 for branch **master** of project **TYPO3CMS/Extensions/gridelements** has been pushed to the review server.
It is available at <http://review.typo3.org/31770>

#11 - 2014-07-24 19:08 - Gerrit Code Review

Patch set 1 for branch **master** of project **TYPO3CMS/Extensions/gridelements** has been pushed to the review server.
It is available at <http://review.typo3.org/31771>

#12 - 2014-07-24 19:12 - Armin Ruediger Vieweg

Well, empty() will fit 0 and " and NULL, so whatever they do, this is save :)

#13 - 2014-07-24 19:42 - Jo Hasenau

- *Status changed from Under Review to Resolved*
- *% Done changed from 0 to 100*

Applied in changeset commit:71cf658e6c800fe36bf453f0a969756173e8c4ca.