

TYPO3 Core - Bug #96215

since v10 displayCond HIDE_FOR_NON_ADMINS ignores these fields in custom DataHandler calls even when bypassAccessCheckForRecords is enabled

2021-12-03 10:12 - Stefan P

Status:	New	Start date:	2021-12-03
Priority:	Should have	Due date:	
Assignee:		% Done:	0%
Category:	DataHandler aka TCEmain	Estimated time:	0.00 hour
Target version:		Complexity:	
TYPO3 Version:	10	Is Regression:	Yes
PHP Version:		Sprint Focus:	
Tags:			
Description			
<p>The solution for #87100 changed the DataHandler to respect HIDE_FOR_NON_ADMINS when building the excludedTablesAndFields array.</p> <p>We have a field that is configured this way:</p> <ul style="list-style-type: none">• exclude => true (to hide them for non-admin)• we give editors edit permission to these fields (so that editor-induced editing works via script-induced DataHandler calls, for the subset of editors that have the edit rights for these fields)• HIDE_FOR_NON_ADMINS to not show these fields in regular list/edit module, but only make them available in our custom module <p>Because: we have a custom Backend Module for editors to edit these fields in a controlled distraction-free way.</p> <p>This does not work on v10 anymore because of the now-respected HIDE_FOR_NON_ADMINS</p> <p>This is a breaking change that was not documented at all.</p> <p>When setting explicitly <code>\$dataHandler->bypassAccessCheckForRecords = true</code>; then I expect that the access checks are bypassed completely. The new behaviour adds access restriction that are not "by-passable" by <code>bypassAccessCheckForRecords</code>.</p> <p>Important: the setting is called "HIDE for", not "RESTRICT for" and is just a displayCond (conditional display , not conditional access)..</p>			
Related issues:			
Related to TYPO3 Core - Feature #87100: Remove checkbox "Restrict editing for...		Closed	2018-12-07

History

#1 - 2021-12-03 10:15 - Stefan P

The change is this:

<https://github.com/TYPO3/typo3/commit/8828edaebff3436577d5c1e88b1a8402a4927e7b>

The check was added to AbstractItemProvider AND DataHandler. However HIDE_FOR_NON_ADMINS is only a displayCond, no actual user/group/database access restriction and thus must be ignored by DataHandler.

I suggest that either this gets reverted or that `bypassAccessCheckForRecords` gets respected more widely.

#2 - 2021-12-06 08:10 - Stefan P

- Related to Feature #87100: Remove checkbox "Restrict editing for non-Admins" in Allowed excludefields for pages table in be_group added

#3 - 2021-12-06 08:32 - Stefan P

To make it more clear:

My fields are `exclude => true` but my editors have granted access to the field in their groups.

My editors have no access via `db_mountpoints` to the location of the datasets (can't access in page tree), but my custom tree-independent BE module

uses `bypassAccessCheckForRecords = true`.

In my custom script the editors thus have field-access **and** location access. But **display** condition `HIDE_FOR_NON_ADMINS` now (as of [#87100](#)) acts as a hard access blocker which I can not circumvent in any case (not even with `bypassAccessCheckForRecords = true`).

I workaroud this like this:

- remove `displayCond => HIDE_FOR_NON_ADMINS`
- remove the fields from `showitem`
- add `exclude => false`

This makes my custom BE module work again for editors, BUT admins can not see the fields anymore in the regular edit panel (which is a real nuisance)!

A `displayCond` *must not implicitly* impose a permission check.