

TYPO3 Core - Bug #50785

FlexForm does not substitute markers in foreign_table_where

2013-08-05 13:03 - Gabriel Kaufmann / Typoworx NewMedia

Status: Closed	Start date: 2013-08-05
Priority: Must have	Due date:
Assignee:	% Done: 0%
Category:	Estimated time: 0.00 hour
Target version:	Complexity:
TYPO3 Version: 4.7	Is Regression: No
PHP Version:	Sprint Focus:
Tags:	
Description	
We tried to use a field-to-select condition in a flexform.	
Simple example:	
We have a FlexForm containing two Select-Fields:	
1. StoragePid (Selecting from Pages-Table)	
2. Any foreign record (like tt_address) that should show all records matching the FlexForm "StoragePid".	
As FlexForm simply consists of XML'ified TCA we thought we can use <code>###REC_FIELD_StoragePid###</code> (whereas "StoragePid" is the XML-Name of our Storage Selector form pages).	
We noticed that the markers are not working correctly by reading/substituting those values from FlexForm XML.	
Related issues:	
Related to TYPO3 Core - Bug #30354: FlexForm select fields can't replace make...	Closed 2011-09-27
Related to TYPO3 Core - Bug #16392: Page-TSconfig <code>###PAGE_TSCONFIG_STR###</code> not...	Closed 2006-07-21

History

#1 - 2013-08-08 14:01 - Gabriel Kaufmann / Typoworx NewMedia

May be also related to: [#30354](#)

#2 - 2013-08-08 18:26 - Gabriel Kaufmann / Typoworx NewMedia

Well I didn't find the right entry-point for a Core-Patch yet.

1. The `##REC_FIELD_[ROW-FIELD]` is substituted within `t3lib_befunc::exec_foreign_table_where_query`.
2. The parsing of different Field-Types for TCA is done in `t3lib_flexformtools`.
3. Setting a "Dummy" Field within `t3lib_flexformtools::traverseFlexFormXMLData` (f.e.) doesn't work as `t3lib_befunc` is accessing the row using `$TSconfig['_THIS_ROW']`

Anyone having ideas how to solve this?

Of course I could also use an ItemProcFunc on EACH PROJECT I ever need this. But I really think there should be one place to solve this problem and this would be the Core to have a one-place solution that is working for all.

#3 - 2013-08-08 19:08 - Gabriel Kaufmann / Typoworx NewMedia

Since this issue/feature seems to be more complicated than I expected, I have to fall-back to itemProcFunc in FlexForm.

I believe we have to patch `t3lib_BEfunc::exec_foreign_table_where_query()` as there the `REC_FIELD`'s are substituted.

Too bad - there is no "row" argument used f.e. `t3lib_transferdata::renderRecord_flexProc`. Instead `t3lib_BEfunc::exec_foreign_table_where_query()` uses `$TSconfig['_THIS_ROW']` build somewhere else.

I believe the integration way for this FlexForm-Feature would be:

1. Check if the current-field renderes is inside FlexForm (refer to `t3lib_transferdata::renderRecord_flexProc`).
2. Map all FlexForm-Values (of course we should respect IDEF and a possible localisation!) to the DB-Row temporarily (for Flex-Field rendering only).

3. May be t3 t3lib-Rendering needs a complete clean-up to have one Storage for the current row?

Any ideas or suggestions are welcome!

#4 - 2013-08-12 10:43 - Gabriel Kaufmann / Typoworx NewMedia

- File `class.t3lib_tceform.php_forge-50785.patch` added

I have worked-out a patch that is fixing the missing fields for the "###REC_FIELD_" markers.

For this I patched "t3lib_tceforms" (see patch file provided).

I would be glad for approval and submitting to Trunk. The patch has been created on TYPO3 4.7.12.

About the patch:

I had to set a class-variable around the flex-rendering to let sub-processess (also used by normal TCE rendering) that it is currently acting within FlexForm-Fields.

All "Flex" fields (marked as type "flex" in TCA) are processed now.

The current patch provides the following syntax:

```
###REC_FIELD_[ flex-fieldname ].[ flexform-field ]###
```

f.e. to access a field from TemplaVoila FlexForm field named "field_storagePid":

```
###REC_FIELD_tx_templavoila_flex.field_storagePid###
```

The original field is prepended to avoid conflicts between multiple database-fields that may have the same name!

I would be glad about any feedback here.

#5 - 2014-07-06 15:32 - Wouter Wolters

- Status changed from *New* to *Resolved*

- *Is Regression* set to *No*

Resolved with [#16392](#)

#6 - 2018-10-02 12:12 - Benni Mack

- Status changed from *Resolved* to *Closed*

Files

<code>class.t3lib_tceform.php_forge-50785.patch</code>	2.84 KB	2013-08-12	Gabriel Kaufmann / Typoworx NewMedia
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