

EXT: RFC #10165 demo

Extension Key: wmdb_rfc10165_demo

Language: en

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- a GNU/GPL CMS/Framework available from www.typo3.org

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Introduction

What does it do?

TYPO3 Core API Docs¹ reads as follows:

```
MM relations and flexforms

MM relations has been tested to work with flexforms if not in a
repeated element in a section. See example below.
```

This is not correct for at least the command actions copy, localize and version as reported in BT #10165².

This extension was built to demonstrate the unwanted behaviors and provide a testing environment for the suggested fix.

Background

Using MM-relations inside flexforms seems to have been a widely unusual scenario since both techniques have been introduced into the core.

This may change in the near future now that DAM is back from “the big sleep” using MM-relations to connect its records with the content. Templavoila is recognized in the public is one “major feature” of TYPO3.

After having completed the functionality of using MM-relations in flexforms in general, the next step will be an even more complicated change – making it work in what the docs call “repeted elemens in a section”, Templavoilas flexible content elements. But – first things first ;)

1 http://typo3.org/documentation/document-library/core-documentation/doc_core_api/4.2.0/view/4/2/#id4272080

2 <http://bugs.typo3.org/view.php?id=10165>

Demonstration of the bug

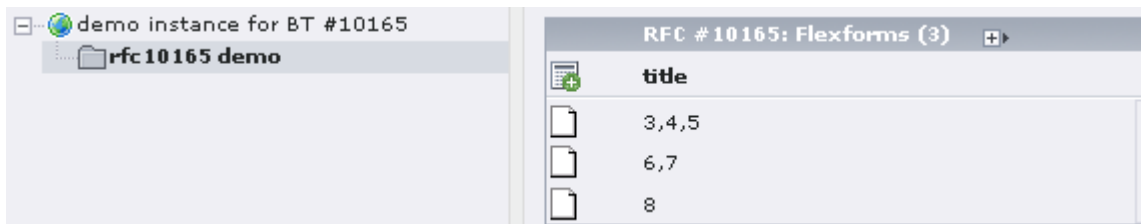
- Install as usual.
- After creation of the tables you might want to keep the default settings so you can easily follow the description without having to create all the records. It'll add just a few pages records during the tests and dummy content in its own table that you will drop after you're done.

Enable features

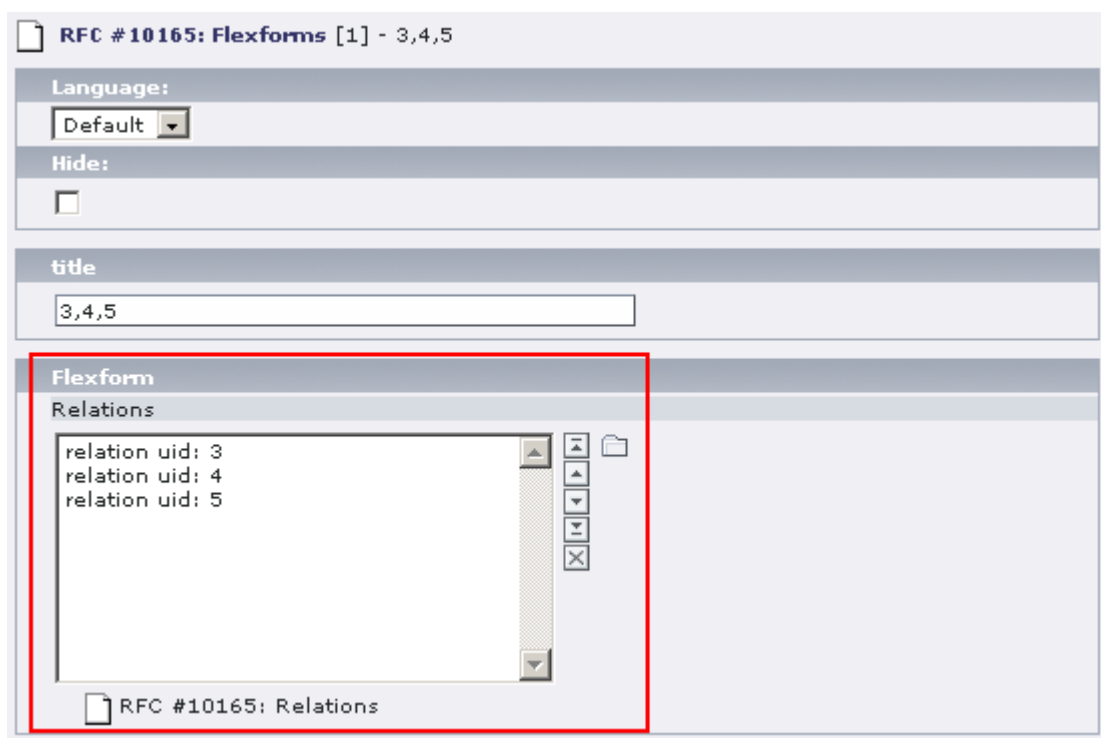
Create Demo Contents [createDemoContents]
 If you leave this checkbox active, the extension will create a sysfolder "rfc10165 demo" at pid 0 and some dummy records in its own tables as mentioned in the manual.

Enable patch [enablePatch]
 If set, an XCLASS to t3lib_TCEMain containing the suggested fix will be included. Please make sure that your instance does not contain an active XCLASS for this class.

- Go to the created folder "rfc10165 demo" in the list-module.



- Look at first record from the table "RFC #10165: Flexforms":



It contains a flexform defined as:

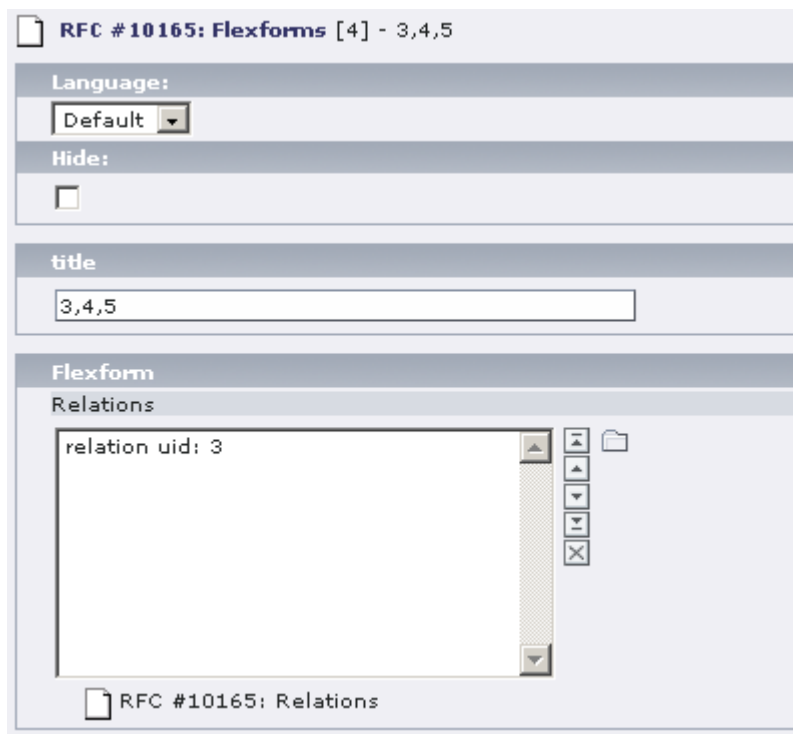
```

<T3DataStructure>
  <meta>
    <langDisable>1</langDisable>
  </meta>
  <ROOT>
    <type>array</type>
    <el>
      <relations>
        <TCEforms>
          - <label>LLL:EXT:wmdb_rfc10165_demo/locallang_db.xml:tx_wmdbrfc10165demo_flex.re
            lations</label>
            <config>
              <type>group</type>
              <internal_type>db</internal_type>
              <allowed>tx_wmdbrfc10165demo_related</allowed>
              <size>10</size>
              <minitems>0</minitems>
              <maxitems>10</maxitems>
              <MM>tx_wmdbrfc10165demo_flex_relations_mm</MM>
            </config>
          </TCEforms>
        </relations>
      </el>
    </ROOT>
  </T3DataStructure>

```

The contained group-field points to three records from the allowed table "RFC #10165: Relations".

- After copying the record, the resulting record points to just one record with uid 3:



- You might want to localize a record. After having created a "Website Language"-record on the root page and translation of the storage folder enable the localization view in the list module (1) and localize the second record (2).

Alternative Page Language (1)

Page title:

rfc10165 demo

RFC # 10165: Flexforms (4)

	title	[Localization]	Localize to:
	3,4,5	Default	
	6,7	Default	2
	8	Default	
	3,4,5	Default	

RFC # 10165: Relations (10)

	title	[Localization]	Localize to:
	relation uid: 1	Default	
	relation uid: 2	Default	
	relation uid: 3	Default	
	relation uid: 4	Default	
	relation uid: 5	Default	
	relation uid: 6	Default	
	relation uid: 7	Default	
	relation uid: 8	Default	
	relation uid: 9	Default	
	relation uid: 10	Default	

Extended view

Show clipboard

Localization view 1

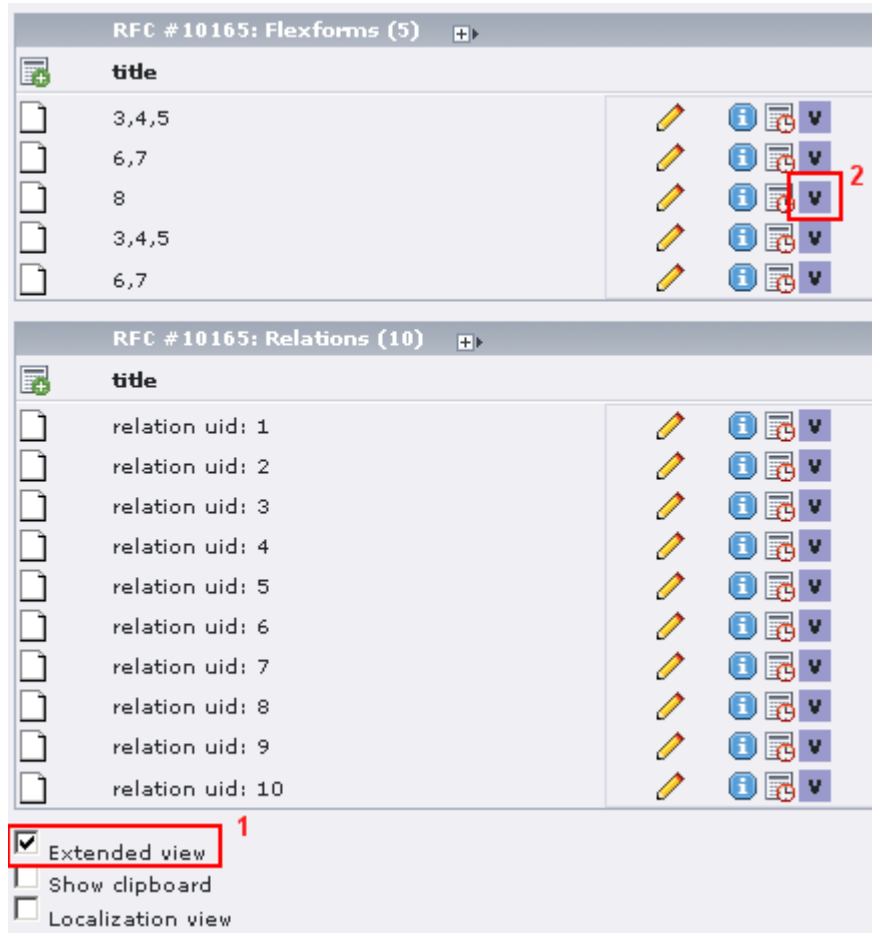
- The resulting record again contains just one relation, pointing to uid 2 this time:

The screenshot shows a configuration interface for a Flexform. At the top, it is titled 'RFC #10165: Flexforms [5] - 6,7'. Below this, there are several sections:

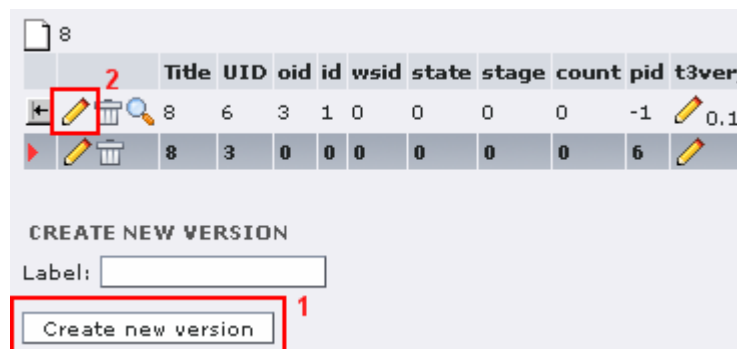
- Language:** A dropdown menu is set to 'german', with 'Default' listed below it.
- Transl. Orig:** A dropdown menu is set to '6,7'.
- Hide:** An unchecked checkbox.
- title:** A text input field containing '6,7', with '6,7' also listed below it.
- Flexform Relations:** A list box containing one entry: 'relation uid: 2'. To the right of the list box are several control icons: a folder icon, a plus icon, a minus icon, a refresh icon, and a close icon.

At the bottom of the interface, there is a label 'RFC #10165: Relations'.

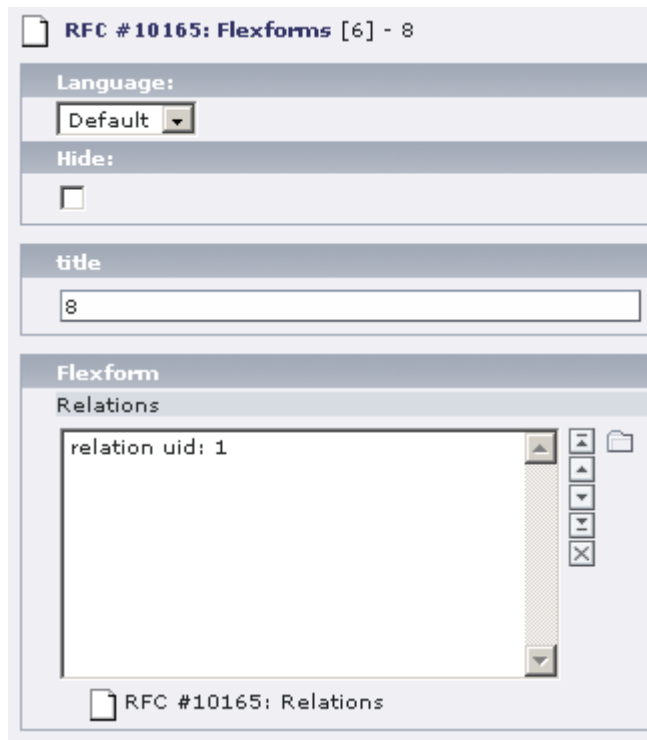
- You might even want to create a new version of a record. Enable the "extended view" (1) in the list module and go to "display versions" of record 3:



- After "Create new version" (1) go to the edit view of the resulting record (2)



- The new version again has one relation, this time to uid 1 instead of 8:



-

Why is that?

The stored content of flexform contains just the number of the relations as a standard TCA field would in the corresponding database field.

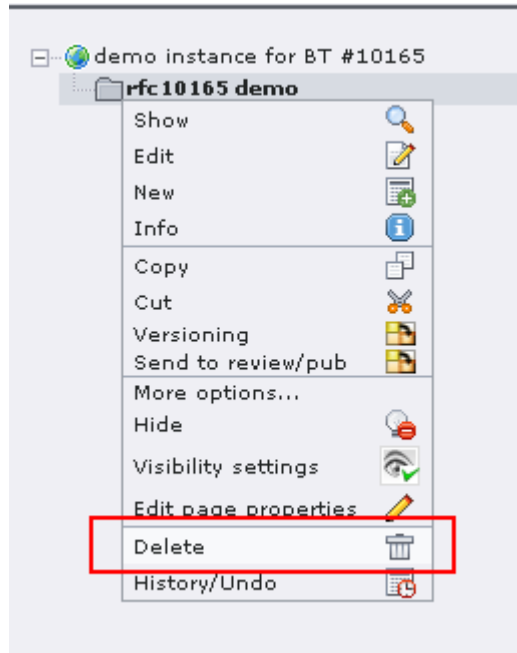
Due to some missing lines in `t3lib_TCEmain->copyRecord_flexFormCallBack()` just one record in the MM-table is created during the demonstrated actions pointing to the number of the relations from the source record as the local uid.

This looks extremely weird for fields configured with `maxitems = 1`:

After copying of the records the result always points to the same record, uid one of the related table, regardless of whatever target the editor gave it before. ;)

How to test the patch

- If you checked the "Enable features" checkbox "Create Demo Contents" during install, simply delete the demo folder.



- It will be recreated immediately and the contents are set back to start.
- In the settings section of the extension in the extension manager activate "Enable patch" and update

Enable features

Create Demo Contents [createDemoContents]
 If you leave this checkbox active, the extension will create a sysfolder "rfc10165 demo" at pid 0 and some dummy records in its own tables as mentioned in the manual.

Enable patch [enablePatch]
 If set, an XCLASS to t3lib_TCEMain containing the suggested fix will be included. Please make shure that your instance does not contain an active XCLASS for this class.

Goto top, start again and enjoy.

ToDo

- test
- vote
- hopefully: commit