

TYPO3 Core - Bug #66572

Workspaces and templavoia

2015-04-24 14:46 - Klaus Moser

Status:	Closed	Start date:	2015-04-24
Priority:	Should have	Due date:	
Assignee:	Alexander Opitz	% Done:	100%
Category:	Workspaces	Estimated time:	0.00 hour
Target version:		Complexity:	hard
TYPO3 Version:	6.2	Is Regression:	No
PHP Version:		Sprint Focus:	
Tags:			

Description

We encountered an issue with using workspaces with templavoila in a Typo3 6.2.12. When linking a file, typing an email address into a text field or referencing an image in a templavoila FCE the "Workspaces" backend module fails to load the changes and quits with different error messages and makes the backend module unusable.

If you write an email address into a textfield the error message is 'Element

```
router
_STRING:0" does not exist
```

If there is a reference to a file the message is

```
router
Element "_FILE:0" does not exist
```

Or links to files

```
router
Element "sys_file:1234" does not exist
```

This is because fields from tt_content with type flex get checked for child elements in table sys_refindex and those records are tried to be loaded from database. Those entries look like this (shortend):

```
tablename - field - ref_table - ref_uid - ref_string
tt_content - tx_templavoila_flex - _STRING - 0 - test@example.com
tt_content - tx_templavoila_flex - _FILE - 0 - uploads/tx_templavoila/example.jpg
tt_content - tx_templavoila_flex - sys_file - 4120 -
```

These records are then tried to be fetched from database. The result is queries that try to acquire uid 0 from e.g. table _STRING which naturally will fail.

In case of links to files in FAL it fails because sys_file is not versionable.

I figured out a way to fix the errors so the workspace module is showing up correctly. Because workspaces and versioning are pretty hard to understand i'm not quite sure if this is the right approach.

The fix changes the two files typo3/sysex/verion/Classes/Dependency/DependencyEntityFactory.php and typo3/sysex/verion/Classes/Dependency/ElementEntity.php and adds a check if the table to be queried even exists and is also versionable before trying to load a referenced object.

Related issues:

Related to TYPO3 Core - Bug #66523: Refindex error for link wizard fields in ...

Closed

2015-04-21

Associated revisions

Revision fa87c2d6 - 2015-06-06 15:17 - Alexander Opitz

[BUGFIX] Respect _FILE/_STRING in versioning

References with _FILE/_STRING as ref_table have special meanings and

can't be loaded from database.

Resolves: #66572
Releases: master, 6.2
Change-Id: lbc942c600652a005368e1eab67cbc24f4efb7dde
Reviewed-on: <http://review.typo3.org/39856>
Reviewed-by: Markus Klein <markus.klein@typo3.org>
Tested-by: Markus Klein <markus.klein@typo3.org>
Reviewed-by: Wouter Wolters <typo3@wouterwolters.nl>
Tested-by: Wouter Wolters <typo3@wouterwolters.nl>

Revision 02d4907e - 2015-06-06 15:18 - Alexander Opitz

[BUGFIX] Respect _FILE/_STRING in versioning

References with _FILE/_STRING as ref_table have special meanings and can't be loaded from database.

Resolves: #66572
Releases: master, 6.2
Change-Id: lbc942c600652a005368e1eab67cbc24f4efb7dde
Reviewed-on: <http://review.typo3.org/40045>
Reviewed-by: Wouter Wolters <typo3@wouterwolters.nl>
Tested-by: Wouter Wolters <typo3@wouterwolters.nl>

History

#1 - 2015-04-28 09:34 - Martin Eberle

We're experiencing the same problem with TemplaVoila! and TYPO3 6.2.11 as well as with TYPO3 6.2.12.

The patch from Klaus Moser didn't solve this for us.

#2 - 2015-04-30 13:43 - Kay no-lastname-given

After patching my System I am get a error

```
Fatal error: Call to a member function getElement() on a non-object in typo3_src/typo3/sysext/version/Classes/Dependency/ElementEntity.php on line 290
```

it looks that the \$this->parents array contains now NULL-entries

```
var_dump($this->parents);  
array(2) {  
  [0]=>  
  NULL  
  [1]=>  
  NULL  
}
```

I think if the DependencyEntityFactory::getReferencedElement return NULL it should not added to the array

```
$this->parents[] = $this->getDependency()->getFactory()->getReferencedElement(  
    $row['tablename'],  
    $row['recuid'],  
    $row['field'],  
    array(),  
    $this->getDependency()  
);
```

#3 - 2015-04-30 17:03 - Kay no-lastname-given

Your isVersionable method is not correct, because 'versioningWS' can be a boolean or an integer (version number).

<http://docs.typo3.org/typo3cms/TCARefrence/Reference/Ctrl/Index.html#versioningws>

So you should cast to bool and test if versioningWS is true.

```
/**  
 * Check if versioning is enabled .  
 *  
 * @return boolean  
 */  
protected function isVersionable($table) {  
    return (bool)$GLOBALS['TCA'][$table]['ctrl']['versioningWS'];  
}
```

}

#4 - 2015-05-11 14:46 - Kay no-lastname-given

- File patch-66572.diff added

I have add a patch

#5 - 2015-06-01 11:21 - Alexander Opitz

In TYPO3\CMS\Core\Database\ReferenceIndex there is following definition:

```
$ref_table For database references; the tablename the reference points to. Special keyword "_FILE" indicates that "ref_string" is a file reference either absolute or relative to PATH_site. Special keyword "_STRING" indicates some special usage (typ. softreference) where "ref_string" is used for the value.
```

which isn't handled anywhere.

TYPO3\CMS\Version\Dependency\ElementEntity::getChildren() do not respect this.

#6 - 2015-06-01 11:32 - Alexander Opitz

- Status changed from New to In Progress

- Assignee set to Alexander Opitz

#7 - 2015-06-01 11:34 - Gerrit Code Review

- Status changed from In Progress to Under Review

Patch set 1 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.

It is available at <http://review.typo3.org/39856>

#8 - 2015-06-06 15:16 - Gerrit Code Review

Patch set 2 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.

It is available at <http://review.typo3.org/39856>

#9 - 2015-06-06 15:16 - 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 <http://review.typo3.org/39856>

#10 - 2015-06-06 15:17 - Gerrit Code Review

Patch set 1 for branch **TYPO3_6-2** of project **Packages/TYPO3.CMS** has been pushed to the review server.

It is available at <http://review.typo3.org/40045>

#11 - 2015-06-06 15:31 - Alexander Opitz

- Status changed from Under Review to Resolved

- % Done changed from 0 to 100

Applied in changeset [fa87c2d63dea6f7db87c9e87868ebde3dca00758](https://review.typo3.org/#/c/39856/).

#12 - 2018-10-02 11:45 - Benni Mack

- Status changed from Resolved to Closed

Files

patch.diff	2.38 KB	2015-04-24	Klaus Moser
patch-66572.diff	3.76 KB	2015-05-11	Kay no-lastname-given