

## TYPO3 Core - Bug #59017

### Exception while trying to edit disabled file storage

2014-05-22 07:31 - Rico Sonntag

<b>Status:</b>	Closed	<b>Start date:</b>	2014-05-22
<b>Priority:</b>	Should have	<b>Due date:</b>	
<b>Assignee:</b>	Frans Saris	<b>% Done:</b>	100%
<b>Category:</b>	File Abstraction Layer (FAL)	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	next-patchlevel	<b>Complexity:</b>	no-brainer
<b>TYPO3 Version:</b>	6.2	<b>Is Regression:</b>	Yes
<b>PHP Version:</b>		<b>Sprint Focus:</b>	
<b>Tags:</b>			

#### Description

Clicking on a disabled file storage in list view to edit it, results in:

```
#1314085990: Desired storage is not in the list of available storages.
```

#### Related issues:

Related to TYPO3 Core - Bug #56730: Outside storages can never be displayed a... **Closed** **2014-03-10**

#### Associated revisions

##### Revision cb67cd42 - 2015-01-30 20:05 - Ruud Silvrants

[BUGFIX] Disable functionality to hide file storage

Disables the functionality to hide a file storage.

Resolves: #59017

Releases: master

Change-Id: Ibe542f384b4ecff033ae8c73b002fad266b61683

Reviewed-on: <http://review.typo3.org/36461>

Reviewed-by: Anja Leichsenring <[leichsenring@ab-softlab.de](mailto:leichsenring@ab-softlab.de)>

Tested-by: Anja Leichsenring <[leichsenring@ab-softlab.de](mailto:leichsenring@ab-softlab.de)>

Reviewed-by: Helmut Hummel <[helmut.hummel@typo3.org](mailto:helmut.hummel@typo3.org)>

Tested-by: Helmut Hummel <[helmut.hummel@typo3.org](mailto:helmut.hummel@typo3.org)>

##### Revision b637a4e6 - 2015-01-30 21:31 - Helmut Hummel

[FOLLOWUP] Disable functionality to hide file storage

Also remove an obsolete sql key and remaing TCA from the hidden column

Releases: master

Resolves: #59017

Change-Id: I0b4bfa0036eab6a69cb548bd5e21d0569b7dfbf7

Reviewed-on: <http://review.typo3.org/36474>

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Reviewed-by: Stefan Froemken <[froemken@gmail.com](mailto:froemken@gmail.com)>

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#### History

##### #1 - 2014-05-23 18:30 - Philipp Gampe

- Status changed from New to Accepted

- Complexity set to medium

- Is Regression changed from No to Yes

I am not sure which commit introduced this, but it worked before.

```
#1314085990: Desired storage is not in the list of available storages. (More information)
```

InvalidArgumentException thrown in file  
/home/phil/t3-playground/t3-git/typo3/sysex/core/Classes/Resource/Driver/DriverRegistry.php in line 128.

```
15 TYPO3\CMS\Core\Resource\Driver\DriverRegistry::getDriverClass(NULL)
```

```
/home/phil/t3-playground/t3-git/typo3/sysex/core/Classes/Resource/ResourceFactory.php:
```

```
00100:  /** @var $driverRegistry Driver\DriverRegistry */
00101:  $driverRegistry = GeneralUtility::makeInstance('TYPO3\CMS\Core\Resource\Driver\DriverRegistry');
00102:  $driverClass = $driverRegistry->getDriverClass($driverIdentificationString);
00103:  $driverObject = GeneralUtility::makeInstance($driverClass, $driverConfiguration);
00104:  return $driverObject;
```

```
14 TYPO3\CMS\Core\Resource\ResourceFactory::getDriverObject(NULL, array)
```

```
/home/phil/t3-playground/t3-git/typo3/sysex/core/Classes/Resource/ResourceFactory.php:
```

```
00313:  }
00314:  $driverType = $storageRecord['driver'];
00315:  $driverObject = $this->getDriverObject($driverType, $storageConfiguration);
00316:  /** @var $storage ResourceStorage */
00317:  $storage = GeneralUtility::makeInstance($className, $driverObject, $storageRecord);
```

```
13 TYPO3\CMS\Core\Resource\ResourceFactory::createStorageObject(array, NULL)
```

```
/home/phil/t3-playground/t3-git/typo3/sysex/core/Classes/Resource/ResourceFactory.php:
```

```
00178:  }
00179:  if (!$storageObject instanceof ResourceStorage) {
00180:    $storageObject = $this->createStorageObject($recordData, $storageConfiguration);
00181:  }
00182:  $this->signalSlotDispatcher->dispatch('TYPO3\CMS\Core\Resource\ResourceFactory', self::SIGNAL_PostProcessStorage, array($this, $storageObject));
```

```
12 TYPO3\CMS\Core\Resource\ResourceFactory::getStorageObject("6")
```

```
/home/phil/t3-playground/t3-git/typo3/sysex/core/Classes/Resource/Service/UserStorageCapabilityService.php:
```

```
00052:  // Makes sure the storage object can be retrieved which is not the case when new storage.
00053:  if ((int)$propertyArray['row']['uid'] > 0) {
00054:    $storage = ResourceFactory::getInstance()->getStorageObject($fileRecord['uid']);
00055:    $storageRecord = $storage->getStorageRecord();
00056:    $isPublic = $storage->isPublic();
```

```
11 TYPO3\CMS\Core\Resource\Service\UserStorageCapabilityService::renderIsPublic(array, TYPO3\CMS\Backend\Form\FormEngine)
```

```
10 call_user_func_array(array, array)
```

```
/home/phil/t3-playground/t3-git/typo3/sysex/core/Classes/Utility/GeneralUtility.php:
```

```
04241:  }
04242:  // Call method:
04243:  $content = call_user_func_array(array(&$classObj, $parts[1]), array(&$params, &$ref));
04244:  } else {
04245:    $errorMsg = 'No method name \'' . $parts[1] . '\' in class ' . $parts[0];
```

```
9 TYPO3\CMS\Core\Utility\GeneralUtility::callUserFunction("typo3/sysex/core/Classes/Resource/Service/UserStorageCapabilityService->renderIsPublic", array, TYPO3\CMS\Backend\Form\FormEngine)
```

```
/home/phil/t3-playground/t3-git/typo3/sysex/backend/Classes/Form/FormEngine.php:
```

```
03231:  $PA['parameters'] = isset($PA['fieldConf']['config']['parameters']) ? $PA['fieldConf']['config']['parameters'] : array();
03232:  $PA['pObj'] = &$this;
03233:  return GeneralUtility::callUserFunction($PA['fieldConf']['config']['userFunc'], $PA, $this);
03234:  }
03235:
```

```
8 TYPO3\CMS\Backend\Form\FormEngine::getSingleField_typeUser("sys_file_storage", "is_public", array, array)
```

```
/home/phil/t3-playground/t3-git/typo3/sysex/backend/Classes/Form/FormEngine.php:
```

```
01264:  break;
01265:  case 'user':
01266:    $item = $this->getSingleField_typeUser($stable, $field, $row, $PA);
01267:    break;
01268:  case 'flex':
```

```
7 TYPO3\CMS\Backend\Form\FormEngine::getSingleField_SW("sys_file_storage", "is_public", array, array)
```

```
/home/phil/t3-playground/t3-git/typo3/sysex/backend/Classes/Form/FormEngine.php:
```

```

01128:     }
01129:     // Based on the type of the item, call a render function:
01130:     $item = $this->getSingleField_SW($table, $field, $row, $PA);
01131:     // Add language + diff
01132:     if ($PA['fieldConf']['l10n_display'] && (GeneralUtility::inList($PA['fieldConf']['l10n_display'],
'hideDiff') || GeneralUtility::inList($PA['fieldConf']['l10n_display'], 'defaultAsReadOnly'))) {

6 TYPO3\CMS\Backend\Form\FormEngine::getSingleField("sys_file_storage", "is_public", array, NULL, 1, "", NULL)

/home/phil/t3-playground/t3-git/typo3/sysex/backend/Classes/Form/FormEngine.php:
03641:     } elseif (!in_array($theField, $this->excludeElements) && $GLOBALS['TCA'][$table]['columns'][$theF
ield]) {
03642:         $this->palFieldArr[$palette][] = $theField;
03643:         $elem = $this->getSingleField($table, $theField, $row, $fieldParts[1], 1, '', $fieldParts[2]);
03644:         if (is_array($elem)) {
03645:             $parts[] = $elem;

5 TYPO3\CMS\Backend\Form\FormEngine::loadPaletteElements("sys_file_storage", array, "capabilities", "")

/home/phil/t3-playground/t3-git/typo3/sysex/backend/Classes/Form/FormEngine.php:
00971:     }
00972:     $out = '';
00973:     $parts = $this->loadPaletteElements($table, $row, $palette, $itemList);
00974:     // Put palette together if there are fields in it:
00975:     if (count($parts)) {

4 TYPO3\CMS\Backend\Form\FormEngine::getPaletteFields("sys_file_storage", array, "capabilities", "Capabilities
")

/home/phil/t3-playground/t3-git/typo3/sysex/backend/Classes/Form/FormEngine.php:
00831:     // Render a 'header' if not collapsed
00832:     if ($GLOBALS['TCA'][$table]['palettes'][$parts[2]]['canNotCollapse'] && $parts[1]) {
00833:         $out_array[$out_sheet][$out_pointer] .= $this->getPaletteFields($table, $row, $parts[2], $thi
s->sL($parts[1]));
00834:     } else {
00835:         $out_array[$out_sheet][$out_pointer] .= $this->getPaletteFields($table, $row, $parts[2], '',
'', $this->sL($parts[1]));

3 TYPO3\CMS\Backend\Form\FormEngine::getMainFields("sys_file_storage", array)

/home/phil/t3-playground/t3-git/typo3/sysex/backend/Classes/Controller/EditDocumentController.php:
00904:     }
00905:     } else {
00906:         $panel .= $this->tceforms->getMainFields($table, $rec);
00907:     }
00908:     $panel = $this->tceforms->wrapTotal($panel, $rec, $table);

2 TYPO3\CMS\Backend\Controller\EditDocumentController::makeEditForm()

/home/phil/t3-playground/t3-git/typo3/sysex/backend/Classes/Controller/EditDocumentController.php:
00700:     }
00701:     // Creating the editing form, wrap it with buttons, document selector etc.
00702:     $editForm = $this->makeEditForm();
00703:     if ($editForm) {
00704:         $this->firstEl = reset($this->elementsData);

1 TYPO3\CMS\Backend\Controller\EditDocumentController::main()

/home/phil/t3-playground/t3-git/typo3/alt_doc.php:
00051:
00052: $editDocumentController->init();
00053: $editDocumentController->main();
00054: $editDocumentController->printContent();

```

## #2 - 2014-05-25 16:34 - Markus Klein

Which version exactly?

## #3 - 2014-05-26 08:20 - Rico Sonntag

6.2.1

## #4 - 2014-05-26 11:26 - Alexander Opitz

Verified with trunk

**#5 - 2014-08-19 17:02 - Rafal Brzeski**

Any progress with this issue or is there a solution for quick fix?

**#6 - 2014-08-19 19:01 - Markus Klein**

Still present in current master.  
This is actually a tough thing.

The UserStorageCapabilityService is used to render the "ispublic" checkbox for the backend form.  
The services tries to get the storage object by using the ResourceFactory, which again uses the StorageRepository.

The StorageRepository maintains an internal cache for the storages, which is loaded only once, but only contains the "enabled" storages.  
Therefore the ResourceFactory fails to retrieve the storage object and tries to create a new one, which fails too and leads to the exception.

I see only one way to fix this: We need to modify the StorageRepository again to allow fetching of hidden records.

**#7 - 2014-08-19 19:21 - Markus Klein**

- Assignee set to Frans Saris

The culprit seems to be [#56730](#).

**#8 - 2014-08-19 19:24 - Markus Klein**

Comment from me: I don't see the point, why a findByUid() call should consider enable-fields at all. IMO this is a bug in the AbstractRepository/StorageRepository.

**#9 - 2014-08-24 21:21 - Frans Saris**

Hi Rafal,

a probably quick fix could be to remove hidden from the sys\_file\_storage enablecolumns. But it disables the hide option for filestorages. This will probably also be part of the real fix.

Add following to you ext\_tables.php

```
$GLOBALS['TCA']['sys_file_storage']['ctrl']['enablecolumns'] = array();
```

**#10 - 2015-01-30 18:02 - Frans Saris**

- Status changed from Accepted to New
- Complexity changed from medium to no-brainer
- Sprint Focus set to On Location Sprint

**#11 - 2015-01-30 18:04 - Frans Saris**

Fix should be to disable to possibility to hide a filestorage. See last comment

**#12 - 2015-01-30 19:02 - Gerrit Code Review**

- Status changed from New 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/36461>

**#13 - 2015-01-30 19:19 - 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/36461>

**#14 - 2015-01-30 19:49 - 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/36461>

**#15 - 2015-01-30 20:01 - Gerrit Code Review**

Patch set 4 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.  
It is available at <http://review.typo3.org/36461>

**#16 - 2015-01-30 20:30 - Ruud Silvrants**

- Status changed from Under Review to Resolved

- % Done changed from 0 to 100

Applied in changeset [cb67cd42d04af3b2380fdb8f0daf5ad76c8807b0](#).

**#17 - 2015-01-30 21:07 - Gerrit Code Review**

- Status changed from Resolved 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/36474>

**#18 - 2015-01-30 22:00 - Helmut Hummel**

- Status changed from Under Review to Resolved

Applied in changeset [b637a4e608220a49caade2c86e0b935d9bc83810](#).

**#19 - 2015-06-03 12:11 - Viktor Livakivskiy**

Will this fix be backported to 6.2 branch?

Under 6.2.12 still reproduced.

**#20 - 2015-06-03 12:58 - Helmut Hummel**

Viktor Livakivskiy wrote:

Will this fix be backported to 6.2 branch?

Under 6.2.12 still reproduced.

File storages are admin only data records.

The fix is to remove the possibility to disable a file storage.

For 6.2, you may educate your admins to just not disable a file storage record and you will be fine.

If you ask me, there is no need to backport this to 6.2

**#21 - 2015-06-03 15:23 - Viktor Livakivskiy**

Yes, sure - I can even override TCA to exclude possibility to hide the storage.

**#22 - 2016-01-08 11:16 - Anja Leichsenring**

- Sprint Focus deleted (On Location Sprint)

**#23 - 2018-10-02 11:55 - Benni Mack**

- Status changed from Resolved to Closed