

## Core - Bug # 42873

<b>Status:</b>	Resolved	<b>Priority:</b>	Must have
<b>Author:</b>	Marcos Fadul	<b>Category:</b>	File Abstraction Layer (FAL)
<b>Created:</b>	2012-11-12	<b>Assigned To:</b>	
<b>Updated:</b>	2013-01-12	<b>Due date:</b>	
<b>TYPO3 Version:</b>	6.0		
<b>PHP Version:</b>			
<b>Complexity:</b>	medium		
<b>Is Regression:</b>			
<b>Sprint Focus:</b>			
<b>Subject:</b>	Problem with special character in files and folders		
<b>Description</b>			
<p>äöüß produce errors in Fileadmin. The user can create a file with the name über_uns, but then problems bei displaing the file list appear.</p> <p>FAL should be able to work with this special characters in filenames.</p> <p>UTF-8 is configure as default for DB, apache, php and locales.</p> <p>To reproduce the error, just create a folder or a file with the name über_uns.</p> <p>Some more information:</p> <p>Uncaught TYPO3 Exception #1314349666: Cannot list items in directory /ber_uns/ - does not exist or is no directory (More information)</p> <p>InvalidArgumentException thrown in file /var/www/share/typo3_src-6.0/typo3/sysex/core/Classes/Resource/Driver/LocalDriver.php in line 297.</p> <pre>18 TYPO3\CMS\Core\Resource\Driver\LocalDriver::getDirectoryItemList("/ber_uns/", 0, 0, array, "getFolderList_itemCallback")</pre> <pre>/var/www/share/typo3_src-6.0/typo3/sysex/core/Classes/Resource/Driver/AbstractDriver.php: 00616: */ 00617: public function getFolderList(\$path, \$start = 0, \$numberOfItems = 0, array \$foldernameFilterCallbacks = array()) { 00618:     return \$this-&gt;getDirectoryItemList(\$path, \$start, \$numberOfItems, \$foldernameFilterCallbacks, \$this-&gt;folderListCallbackMethod); 00619: } 00620:</pre> <pre>17 TYPO3\CMS\Core\Resource\Driver\AbstractDriver::getFolderList("/ber_uns/", 0, 0, array)</pre> <pre>/var/www/share/typo3_src-6.0/typo3/sysex/core/Classes/Resource/ResourceStorage.php: 01485: */ 01486: public function fetchFolderListFromDriver(\$path, \$start = 0, \$numberOfItems = 0, array \$folderFilterCallbacks = array()) { 01487:     \$items = \$this-&gt;driver-&gt;getFolderList(\$path, \$start, \$numberOfItems, \$folderFilterCallbacks); 01488:     // Exclude the <i>processed</i> folder, so it won't get indexed etc 01489:     \$processingFolder = \$this-&gt;getProcessingFolder();</pre> <pre>16 TYPO3\CMS\Core\Resource\ResourceStorage::fetchFolderListFromDriver("/ber_uns/", 0, 0, array)</pre>			

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/var/www/share/typo3_src-6.0/typo3/sysex/core/Classes/Resource/ResourceStorage.php:
01474: public function getFolderList($path, $start = 0, $numberOfItems = 0, $useFilters = TRUE) {
01475: $filters = $useFilters === TRUE ? $this->fileAndFolderNameFilters : array();
01476: return $this->fetchFolderListFromDriver($path, $start, $numberOfItems, $filters);
01477: }
01478:

15 TYPO3\CMS\Core\Resource\ResourceStorage::getFolderList("/ber_uns/", 0, 0, boolean)

/var/www/share/typo3_src-6.0/typo3/sysex/core/Classes/Resource/Folder.php:
00247:
00248: $folderObjects = array();
00249: $folderArray = $this->storage->getFolderList($this->identifier, $start, $numberOfItems, $useFilters);
00250: if (count($folderArray) > 0) {
00251: /** @var $factory \TYPO3\CMS\Core\Resource\ResourceFactory */

14 TYPO3\CMS\Core\Resource\Folder::getSubfolders()

/var/www/share/typo3_src-6.0/typo3/sysex/core/Classes/Resource/Service/UserFileMountService.php:
00088: }
00089: $allFolderItems = array($parentFolder);
00090: $subFolders = $parentFolder->getSubfolders();
00091: foreach ($subFolders as $subFolder) {
00092: $subFolderItems = $this->getSubfoldersForOptionList($subFolder, $level);

13 TYPO3\CMS\Core\Resource\Service\UserFileMountService::getSubfoldersForOptionList(TYPO3\CMS\Core\Resource\Folder, 2)

/var/www/share/typo3_src-6.0/typo3/sysex/core/Classes/Resource/Service/UserFileMountService.php:
00090: $subFolders = $parentFolder->getSubfolders();
00091: foreach ($subFolders as $subFolder) {
00092: $subFolderItems = $this->getSubfoldersForOptionList($subFolder, $level);
00093: $allFolderItems = array_merge($allFolderItems, $subFolderItems);
00094: }

12 TYPO3\CMS\Core\Resource\Service\UserFileMountService::getSubfoldersForOptionList(TYPO3\CMS\Core\Resource\Folder, 1)

/var/www/share/typo3_src-6.0/typo3/sysex/core/Classes/Resource/Service/UserFileMountService.php:
00090: $subFolders = $parentFolder->getSubfolders();
00091: foreach ($subFolders as $subFolder) {
00092: $subFolderItems = $this->getSubfoldersForOptionList($subFolder, $level);
00093: $allFolderItems = array_merge($allFolderItems, $subFolderItems);
00094: }

11 TYPO3\CMS\Core\Resource\Service\UserFileMountService::getSubfoldersForOptionList(TYPO3\CMS\Core\Resource\Folder)

/var/www/share/typo3_src-6.0/typo3/sysex/core/Classes/Resource/Service/UserFileMountService.php:
00061: $storage = $storageRepository->findById($storageUid);
00062: $rootLevelFolder = $storage->getRootLevelFolder();
00063: $folderItems = $this->getSubfoldersForOptionList($rootLevelFolder);
00064: foreach ($folderItems as $item) {
00065: $PA['items'][] = array(

10 TYPO3\CMS\Core\Resource\Service\UserFileMountService::renderTceformsSelectDropdown(array,

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TYPO3\CMS\Backend\Form\FormEngine)
9 call_user_func_array(array, array)

/var/www/share/typo3_src-6.0/typo3/sysex/core/Classes/Utility/GeneralUtility.php:
04017:  }
04018:  // Call method:
04019:  $content = call_user_func_array(array(&$classObj, $parts1), array(&$params, &$ref));
04020:  } else {
04021:  $errorMsg = 'No method name \' . $parts1 . \' in class \' . $parts0;

8
TYPO3\CMS\Core\Utility\GeneralUtility::callUserFunction("typo3/sysex/core/Classes/Resource/Service/UserFil...UserFileMountService->renderTceformsSelectDropdown", array, TYPO3\CMS\Backend\Form\FormEngine)

/var/www/share/typo3_src-6.0/typo3/sysex/backend/Classes/Form/FormEngine.php:
04507: $params['row'] = $row;
04508: $params['field'] = $field;
04509: \TYPO3\CMS\Core\Utility\GeneralUtility::callUserFunction($config['itemsProcFunc'], $params, $this);
04510: return $items;
04511: }

7 TYPO3\CMS\Backend\Form\FormEngine::proclItems(array, NULL, array, "sys_filemounts", array, "path")

/var/www/share/typo3_src-6.0/typo3/sysex/backend/Classes/Form/FormEngine.php:
01695: // Process items by a user function:
01696: if (isset($config['itemsProcFunc']) && $config['itemsProcFunc']) {
01697: $sellItems = $this->proclItems($sellItems, $PA['fieldTConfig']['itemsProcFunc.'], $config, $table, $row, $field);
01698: }
01699: // Possibly remove some items:

6 TYPO3\CMS\Backend\Form\FormEngine::getSingleField_typeSelect("sys_filemounts", "path", array, array)

/var/www/share/typo3_src-6.0/typo3/sysex/backend/Classes/Form/FormEngine.php:
01183: break;
01184: case 'select':
01185: $item = $this->getSingleField_typeSelect($table, $field, $row, $PA);
01186: break;
01187: case 'group':

5 TYPO3\CMS\Backend\Form\FormEngine::getSingleField_SW("sys_filemounts", "path", array, array)

/var/www/share/typo3_src-6.0/typo3/sysex/backend/Classes/Form/FormEngine.php:
01085:  }
01086:  // Based on the type of the item, call a render function:
01087:  $item = $this->getSingleField_SW($table, $field, $row, $PA);
01088:  // Add language + diff
01089:  if ($PA['fieldConf']['l10n_display'] && (\TYPO3\CMS\Core\Utility\GeneralUtility::inList($PA['fieldConf']['l10n_display'], 'hideDiff') || \TYPO3\CMS\Core\Utility\GeneralUtility::inList($PA['fieldConf']['l10n_display'], 'defaultAsReadOnly'))) {

4 TYPO3\CMS\Backend\Form\FormEngine::getSingleField("sys_filemounts", "path", array, NULL, 0, NULL, NULL)

/var/www/share/typo3_src-6.0/typo3/sysex/backend/Classes/Form/FormEngine.php:
00779:  $this->palettesRendered[$this->renderDepth][$table][$parts2] = 1;

```

```
00780:     }
00781:     $sField = $this->getSingleField($table, $theField, $row, $parts1, 0, $parts3, $parts2);
00782:     if ($sField) {
00783:         $sField .= $sFieldPal;
```

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

```
/var/www/share/typo3_src-6.0/typo3/sysext/backend/Classes/Controller/EditDocumentController.php:
```

```
00832:     }
00833:     } else {
00834:         $panel .= $this->tceforms->getMainFields($table, $rec);
00835:     }
00836:     $panel = $this->tceforms->wrapTotal($panel, $rec, $table);
```

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

```
/var/www/share/typo3_src-6.0/typo3/sysext/backend/Classes/Controller/EditDocumentController.php:
```

```
00627: }
00628: // Creating the editing form, wrap it with buttons, document selector etc.
00629: $editForm = $this->makeEditForm();
00630: if ($editForm) {
00631:     $this->firstEl = reset($this->elementsData);
```

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

```
/var/www/share/typo3_src-6.0/typo3/alt_doc.php:
```

```
00057: // Main:
00058: $SOBE->init();
00059: $SOBE->main();
00060: $SOBE->printContent();
00061: ?>
```

#### Related issues:

duplicated by Core - Bug # 42933: Problem with special character in files and...

Resolved

2012-11-12

#### Associated revisions

Revision **be00d479** - 2013-01-12 16:17 - Christian Weiske

[BUGFIX] Problem with special character in files and folders

This patch sanitizes the file name when creating a new file in the file list.

Folder names already get sanitized.

Change-Id: If97b4a2f41de1334a2b07add6afc1f9d99af3117

Fixes: #42873, #42933

Releases: 6.0, 6.1

Reviewed-on: <https://review.typo3.org/17465>

Reviewed-by: Helmut Hummel

Tested-by: Helmut Hummel

Revision **6ba63947** - 2013-01-12 16:19 - Christian Weiske

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Fixes: #42873, #42933

Releases: 6.0, 6.1

Reviewed-on: <https://review.typo3.org/17487>

Reviewed-by: Helmut Hummel

Tested-by: Helmut Hummel

## History

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### #1 - 2012-11-13 11:30 - Marcos Fadul

- Project changed from File Abstraction Layer to Core
- Target version deleted (6.0 final)

### #2 - 2012-11-13 22:38 - Patrick Broens

- Category set to File Abstraction Layer (FAL)
- Complexity set to medium
- TYPO3 Version set to 6.0

### #3 - 2013-01-11 16:32 - Gerrit Code Review

- Status changed from New to Under Review

Patch set 2 for branch **master** has been pushed to the review server.

It is available at <https://review.typo3.org/17465>

### #4 - 2013-01-12 16:18 - Gerrit Code Review

Patch set 1 for branch **TYPO3\_6-0** has been pushed to the review server.

It is available at <https://review.typo3.org/17487>

### #5 - 2013-01-12 16:30 - Christian Weiske

- Status changed from Under Review to Resolved
- % Done changed from 0 to 100

Applied in changeset commit:6ba639478fc594e5845e5c93f7649e8e0bb95316.