Core - Bug # 42933

Status:	Resolved	**Priority:**	Must have
Author:	Marcos Fadul	**Category:**	File Abstraction Layer (FAL)
Created:	2012-11-13	**Assigned To:**	
Updated:	2013-01-12	**Due date:**	

TYPO3 Version:	6.0
PHP Version:	5.3
Complexity:	medium
Is Regression:	
Sprint Focus:	

Subject:	Problem with special character in files and folders

Description

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.

FAL should be able to work with this special characters in filenames.

UTF-8 is configure as default for DB, apache, php and locales.

To reproduce the error, just create a folder or a file with the name über_uns.

Some more information:

Uncaught TYPO3 Exception
#1314349666: Cannot list items in directory /ber_uns/ - does not exist or is no directory (More information)

InvalidArgumentException thrown in file
/var/www/share/typo3_src-6.0/typo3/sysext/core/Classes/Resource/Driver/LocalDriver.php in line 297.

18 TYPO3\CMS\Core\Resource\Driver\LocalDriver::getDirectoryItemList("/ber_uns/", 0, 0, array, "getFolderList_itemCallback")

/var/www/share/typo3_src-6.0/typo3/sysext/core/Classes/Resource/Driver/AbstractDriver.php:
00616: */
00617: public function getFolderList($path, $start = 0, $numberOfItems = 0, array $foldernameFilterCallbacks = array()) {
00618:   return $this->getDirectoryItemList($path, $start, $numberOfItems, $foldernameFilterCallbacks,
$this->folderListCallbackMethod);
00619: }
00620:

17 TYPO3\CMS\Core\Resource\Driver\AbstractDriver::getFolderList("/ber_uns/", 0, 0, array)

/var/www/share/typo3_src-6.0/typo3/sysext/core/Classes/Resource/ResourceStorage.php:
01485: */
01486: public function fetchFolderListFromDriver($path, $start = 0, $numberOfItems = 0, array $folderFilterCallbacks = array()) {
01487: $items = $this->driver->getFolderList($path, $start, $numberOfItems, $folderFilterCallbacks);
01488:   // Exclude the *processed* folder, so it won't get indexed etc
01489: $processingFolder = $this->getProcessingFolder();

16 TYPO3\CMS\Core\Resource\ResourceStorage::fetchFolderListFromDriver("/ber_uns/", 0, 0, array)

/var/www/share/typo3_src-6.0/typo3/sysext/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/sysext/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/sysext/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/sysext/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/sysext/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/sysext/core/Classes/Resource/Service/UserFileMountService.php:
00061: $storage = $storageRepository->findByUid($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,

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

/var/www/share/typo3_src-6.0/typo3/sysext/core/Classes/Utility/GeneralUtility.php:
04017:   }
04018:   // Call method:
04019: $content = call_user_func_array(array(&$classObj, $parts[1]), array(&$params, &$ref));
04020:   } else {
04021: $errorMsg = 'No method name \" . $parts[1] . '\' in class ' . $parts[0];

8
TYPO3\CMS\Core\Utility\GeneralUtility::callUserFunction("typo3/sysext/core/Classes/Resource/Service/UserFil…UserFileMountServic
ce->renderTceformsSelectDropdown", array, TYPO3\CMS\Backend\Form\FormEngine)

/var/www/share/typo3_src-6.0/typo3/sysext/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::procItems(array, NULL, array, "sys_filemounts", array, "path")

/var/www/share/typo3_src-6.0/typo3/sysext/backend/Classes/Form/FormEngine.php:
01695:   // Process items by a user function:
01696:   if (isset($config['itemsProcFunc']) && $config['itemsProcFunc']) {
01697: $selItems = $this->procItems($selItems, $PA['fieldTSConfig']['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/sysext/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/sysext/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/sysext/backend/Classes/Form/FormEngine.php:
00779: $this->palettesRendered[$this->renderDepth][$table][$parts[2]] = 1;

```
00780:        }
00781:        $sField = $this->getSingleField($table, $theField, $row, $parts[1], 0, $parts[3], $parts[2]);
00782:        if ($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:

duplicates Core - Bug # 42873: Problem with special character in files and fo...	**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

#1 - 2012-11-15 10:51 - Patrick Broens

- Complexity set to medium

#2 - 2013-01-11 16:10 - Christian Weiske

Sounds related to issue #42925.

#3 - 2013-01-11 16:25 - Gerrit Code Review

- Status changed from New to Under Review

Patch set 1 for branch **master** has been pushed to the review server.
It is available at https://review.typo3.org/17465

#4 - 2013-01-12 16:30 - Christian Weiske

- Status changed from Under Review to Resolved

Applied in changeset commit:6ba639478fc594e5845e5c93f7649e8e0bb95316.