Core - Bug # 56084

Status:	Resolved	**Priority:**	Must have
Author:	Alexander Schnitzler	**Category:**	t3editor
Created:	2014-02-18	**Assigned To:**	Frans Saris
Updated:	2014-02-26	**Due date:**	

TYPO3 Version:	6.2
PHP Version:	
Complexity:	
Is Regression:	Yes
Sprint Focus:	

Subject:	t3editor is not usable any more

Description

Regression has been introduced in #55371

The actual problem of the change is the following:

```
-        $ajaxObj->addContent('result', $this->fileData);
+        $fileData = array();
+        foreach ($this->fileData as $action => $result) {
+            foreach ($result as $files) {
+                /** @var $file \TYPO3\CMS\Core\Resource\File */
+                foreach ($files as $file) {
+                    $fileData[$action][] = $file->toArray();
+                }
+            }
+        }
+        $ajaxObj->addContent('result', $fileData);
```

Don't know what that should have fixed as there is not a single unit test for the change but if you save a file edited with t3editor in the list module, $this->fileData is as such:

```
array(
  'editfile' => array(
    0 => true
  )
)
```

This results in $files being true instead of array in the second foreach loop. So the third foreach loop will not be executed and therefore $fileData is an empty array.

Related issues:

related to Core - Bug # 55371: Ajax handler TYPO3_tcefile::process is broken	**Resolved**	**2014-01-27**
blocks Core - Task # 55515: Add CSRF Protection for tce_file.php	**Resolved**	**2014-01-31**

Associated revisions

Revision 6cc6c4f7 - 2014-02-26 11:50 - Frans Saris

[BUGFIX] Followup: Ajax handler TYPO3_tcefile::process is broken

Upload action was taken care of, but the ajax handler can be just

for all commands that ExtendedFileUtility->processData can handle.

This change checks the result set and flattens

data only when needed.

Resolves: #56084

Releases: 6.2, 6.1

Change-Id: Ic1a0bd9084b9eb206b9b53960890d22d2a9c56f5

Reviewed-on: https://review.typo3.org/27739

Reviewed-by: Alexander Schnitzler

Tested-by: Alexander Schnitzler

Reviewed-by: Markus Klein

Tested-by: Markus Klein

Revision 3800d8bd - 2014-03-13 12:54 - Frans Saris

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Change-Id: Ic1a0bd9084b9eb206b9b53960890d22d2a9c56f5

Reviewed-on: https://review.typo3.org/27863

Reviewed-by: Frans Saris

Tested-by: Frans Saris

Reviewed-by: Markus Klein

Tested-by: Markus Klein

History

#1 - 2014-02-18 15:30 - Alexander Opitz

- Assigned To changed from Alexander Opitz to Alexander Schnitzler

#2 - 2014-02-18 16:01 - Alexander Schnitzler

- Assigned To changed from Alexander Schnitzler to Frans Saris

Frans, can you please have a look at it?

#3 - 2014-02-18 16:34 - Frans Saris

Hi Alexander,

        $fileData = array();
        foreach ($this->fileData as $action => $result) {

```
            if ($action === 'upload') {
                foreach ($result as $files) {
                    /** @var $file \TYPO3\CMS\Core\Resource\File */
                    foreach ($files as $file) {
                        $fileData[$action][] = array_merge(
                            $file->toArray(),
                            array (
                                'date' => BackendUtility::date($file->getModificationTime()),
                                'iconClasses' => \TYPO3\CMS\Backend\Utility\IconUtility::mapFileExtensionToSpriteIconClass($file->getExtension()),
                            )
                        );
                    }
                }
            } else {
                $fileData[$action] = $result;
            }
        }
        $ajaxObj->addContent('result', $fileData);
```

This fixes the problem.

But I'm not sure if there are more 'actions' that return File objects like upload. When I made this change I search for other uses of the ajax api but couldn't find any. Do you know if there are more?

#4 - 2014-02-18 17:07 - Alexander Schnitzler

Thanks but that really feels wrong. An API should be consistent and clear and not handle several different cases with if, else, and multiple foreach loops.

Let's dig into it and find out where these calls are used and what for. What do you think?

#5 - 2014-02-19 21:41 - Gerrit Code Review

- Status changed from Accepted 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 https://review.typo3.org/27739

#6 - 2014-02-19 21:54 - Frans Saris

The result set can have multiple results.

[delete][] = boolean
[copy][] = File | Folder
[move][] = File | Folder
[rename][] = File | Folder
[newfolder][] = Folder
[newfile][] = File
[editfile][] = boolean
[upload][][] = File

[unzip][] = boolean

I have changed the processAjaxRequest() so it loops through the result set and flattens the possible values.

#7 - 2014-02-21 13:49 - 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 https://review.typo3.org/27739

#8 - 2014-02-21 14:04 - 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 https://review.typo3.org/27739

#9 - 2014-02-22 17:49 - 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 https://review.typo3.org/27739

#10 - 2014-02-22 17:53 - Gerrit Code Review

Patch set 5 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at https://review.typo3.org/27739

#11 - 2014-02-22 18:11 - Markus Klein

I don't get the problem. I can edit text files as usual in the filelist module.

Edit: Got the problem. It's about the **Save** button.

#12 - 2014-02-25 18:06 - Gerrit Code Review

Patch set 6 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at https://review.typo3.org/27739

#13 - 2014-02-25 23:15 - Gerrit Code Review

Patch set 7 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at https://review.typo3.org/27739

#14 - 2014-02-25 23:27 - Gerrit Code Review

Patch set 8 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at https://review.typo3.org/27739

#15 - 2014-02-26 00:36 - Gerrit Code Review

Patch set 9 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.

It is available at https://review.typo3.org/27739

#16 - 2014-02-26 10:56 - Gerrit Code Review

Patch set 10 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.

It is available at https://review.typo3.org/27739

#17 - 2014-02-26 12:12 - Gerrit Code Review

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

It is available at https://review.typo3.org/27863

#18 - 2014-02-26 12:30 - Frans Saris

- Status changed from Under Review to Resolved

- % Done changed from 0 to 100

Applied in changeset commit:6cc6c4f7ec9342ed26e55a8dee916c92a95bc71c.