

Core - Bug # 64617

Status:	Accepted	Priority:	Should have
Author:	Ingo Schmitt	Category:	File Abstraction Layer (FAL)
Created:	2015-01-29	Assigned To:	
Updated:	2015-07-17	Due date:	
TYPO3 Version:	6.2		
PHP Version:			
Complexity:	medium		
Is Regression:	No		
Sprint Focus:	Remote Sprint		
Subject:	Don' change configuration of filestorage if files are present		
Description			
If a file storage contains files, these files are indexed by the configuration setting of the storage. If you change the configuration of the storage (e.g.Case sensitive filesystem) TYPO3 might end up in not finding the files.			
Solution: Disable the change of configuration of a file storage, if files are present.			
Related issues:			
related to Core - Bug # 50871: Remove option to delete a File Storage		New	2013-08-07
related to Core - Bug # 61125: FAL exception if file does not exist		Rejected	2014-08-21
related to Core - Bug # 60352: Configuration caseSensitive for sys_file_stora...		Closed	2014-07-16

History

#1 - 2015-01-29 23:49 - Ingo Schmitt

- Complexity set to medium

Idea could be to create a user function to render the field depending on the files inside the storage

#2 - 2015-01-30 13:58 - Frans Saris

- Status changed from New to In Progress

#3 - 2015-01-31 13:01 - Philipp Thiele

User Experience would be best if we provide a readonly checkbox, probably followed by another (passthrough) field that gives a short explanation about the reason why the checkbox is disabled (there are files in this storage, so you can't change configuration).

We basically have two possible solutions:

1. we render the field by userFunc, basically like in \TYPO3\CMS\Core\Resource\Service\UserStorageCapabilityService
2. we implement a new tca field config option, that allows to mark and render a field as disable depending of a userFunc

I personally prefer the second option, so that we implement the new tca field config option that is quite similar to displayCond, but instead of hiding the field it only renders it with disabled attribute.

Basically it's the same functionality like its implemented for fields with l10n_config defaultAsReadOnly \TYPO3\CMS\Backend\Form\FormEngine (line 1156 ff) - set ['config']['readOnly'] = TRUE, but dependent on the result of a userFunc.

The name of the option has to be discussed, a possible solution could be to taken the config option readOnly and allow a path, class- and method-name in it, or to define a new config option like readOnlyUserCond. This method should return TRUE or FALSE.

TCA config options could look like this:

```

'case_sensitive' => array(
    'exclude' => 0,
    'label' => 'LLL:EXT:lang/locallang_mod_file_list.xlf:localDriverFlexform_caseSensitive',
    'config' => array(
        'type' => 'check',
        'default' => 1,
        'readOnly' =>
'typo3/sysex/core/Classes/Resource/Service/UserStorageCapabilityService.php:TYPO3\CMS\Core\Resource\Service\UserStorageCapabilityService->hasFiles'
        'service->hasFiles'
    )
),

```

or in flexform config, as we need it like this for this specific issue:

```

<caseSensitive>
    <TCEforms>
        <label>LLL:EXT:lang/locallang_mod_file_list.xlf:localDriverFlexform_caseSensitive</label>
        <config>
            <type>check</type>
            <default>1</default>

        <readOnly>typo3/sysex/core/Classes/Resource/Service/UserStorageCapabilityService.php:TYPO3\CMS\Core\Resource\Service\UserStorageCapabilityService->hasFiles</readOnly>
        </config>
    </TCEforms>
</caseSensitive>

```

#4 - 2015-02-01 10:07 - Mathias Schreiber

- Status changed from In Progress to Accepted

#5 - 2015-06-15 17:08 - Benjamin Mack

- Target version changed from 7.1 (Cleanup) to 7.4 (Backend)

#6 - 2015-07-17 13:36 - Susanne Moog

- Sprint Focus changed from On Location Sprint to Remote Sprint