Core - Bug # 53854

Status:	Closed	**Priority:**	Should have
Author:	Alexander Opitz	**Category:**	File Abstraction Layer (FAL)
Created:	2013-11-22	**Assigned To:**	
Updated:	2014-01-17	**Due date:**	

TYPO3 Version:	6.0
PHP Version:	
Complexity:	
Is Regression:	No
Sprint Focus:	

Subject:	Exception if a directory in storage isn't readable

Description

Exception message: "You are not allowed to access the given folder"

For example if the fileadmin is an own mount, it may be that a lost+found directory is created which is only accessible for root

Related issues:

duplicates Core - Task # 51512: Unreadable directories cause exceptions	**Resolved**	**2013-08-29**

Associated revisions

Revision 017242ff - 2014-01-30 19:36 - Steffen Ritter

[BUGFIX] Exception if directories are not readable

If a user has listing rights on a folder which contains
folders he does not have access to the user currently
will end up with Exceptions in folder trees, file lists
as well as element browsers.

Before FAL these folders just have been shown "locked".

This change introduces an "InaccessibleFolder" object
which will be created by the storage if a Folder is
requested which exists but there is no read access while
the user is allowed to list the contents of the parent
folder.

In addition the components have been adapted to use this
new information for a graceful behaviour.

WIP: Did not adapt the tests yet, since I need to do some
urgent customer work. Feel free to go on with that.

Resolves: #51512, #53854
Releases: 6.2
Change-Id: If5c234fe66d1930e4cc0cb16279d2f77874d82db
Reviewed-on: https://review.typo3.org/26905
Tested-by: Ingo Schmitt
Reviewed-by: Anja Leichsenring
Tested-by: Anja Leichsenring

Reviewed-by: Ingo Schmitt

Reviewed-by: Steffen Ritter

Tested-by: Steffen Ritter

History

#1 - 2013-11-22 11:58 - Markus Klein

Is this valid up to 6.2?

#2 - 2013-11-22 13:33 - Alexander Opitz

Yes it is.

#3 - 2013-11-30 16:04 - Steffen Ritter

- Status changed from Accepted to Needs Feedback

Which "use case" are you talking about?

In general those exceptions are correct - in normal use cases they just should not be exposed to the UI

#4 - 2014-01-17 14:16 - Stefan Froemken

I have the same error:

Backtrace:

6 TYPO3\CMS\Core\Resource\ResourceStorage::assureFolderReadPermission(TYPO3\CMS\Core\Resource\Folder)

typo3_src-6.2.0-2014-01-16/typo3/sysext/core/Classes/Resource/ResourceStorage.php:

01990: $data = $this->driver->getFolderInfoByIdentifier($identifier);

01991: $folder = ResourceFactory::getInstance()->createFolderObject($this, $data['identifier'], $data['name']);

01992: $this->assureFolderReadPermission($folder);

01993:

01994:   return $folder;

5 TYPO3\CMS\Core\Resource\ResourceStorage::getFolder("/user_upload/")

typo3_src-6.2.0-2014-01-16/typo3/sysext/core/Classes/Resource/ResourceStorage.php:

01979:   */

01980:   public function getDefaultFolder() {

01981:   return $this->getFolder($this->driver->getDefaultFolder());

01982:   }

01983:

4 TYPO3\CMS\Core\Resource\ResourceStorage::getDefaultFolder()

#5 - 2014-01-17 14:32 - Alexander Opitz

- Status changed from Needs Feedback to New

@Steffen

Not only that the Exception is viewed to the User, also the rest of reading files/folders stops.

#6 - 2014-01-17 14:47 - Stefan Froemken

In ResourceStorage all rights for the redacteur are set to FALSE regardless if they are set in userGroup or not. I will move on with further debugging.

Stefan

#7 - 2014-01-17 14:48 - Alexander Opitz

This issue haven't to do with the editor/user rights in TYPO3 backend. It has to do with the user/process access rights on the file system of the operation system.

#8 - 2014-01-17 15:12 - Stefan Froemken

Oh dear. I think I have it. Have a look into:

$TCA['be_groups']['columns']['file_permissions']['config']['default'] =
'readFolder,writeFolder,addFolder,renameFolder,moveFolder,deleteFolder,readFile,writeFile,addFile,renameFile,moveFile,files_copy,deleteFile';

We have updated our TYPO3 4.7 to TYPO3 6.2 and these values are not set to be_user/be_group while update process. So for all users file_permissions is set to NULL. In combination with the default values from Storage where everything is FALSE it results FALSE for all rights, too.

I will set your defaults from TCA by SQL now, but I'm nearly sure that this is a problem in upgradeWizard.

Stefan

#9 - 2014-01-17 15:41 - Stefan Froemken

OK...Permissions are correct now, but now the next step checks for isWithinFileMount. This method calls isFirstPartOfStr with:
$str = /user_upload
$partStr = /user_upload/

You should see that this can't work. $this->canonicalizeAndCheckFileIdentifier($identifier); removes the appended / and that's why this method fails.

Stefan

#10 - 2014-01-17 16:03 - Stefan Froemken

I have added following to ResourceStorage in getFoldersInFolder:

```
    foreach ($folderIdentifiers as $folderIdentifier) {
        try {
            $folders[$folderIdentifier] = $this->getFolder($folderIdentifier);
        } catch (Exception\InsufficientFolderAccessPermissionsException $e) {
```

```
      }
   }
```

The Element Browser works now, but I don't know if this change will break somewhere else.

Stefan

#11 - 2014-01-17 16:10 - 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 https://review.typo3.org/26905

#12 - 2014-01-17 16:16 - Steffen Ritter

- Status changed from Under Review to Closed

Closed as duplicate of issue

http://forge.typo3.org/issues/51512