

## TYPO3 Core - Feature #16323

### Implement file\_reference for TCA "group" type. Files can be referenced instead of copied to upload folder

2007-07-27 16:59 - Martin Borer

<b>Status:</b>	Closed	<b>Start date:</b>	2007-07-27
<b>Priority:</b>	Should have	<b>Due date:</b>	
<b>Assignee:</b>	Christian Kuhn	<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>		<b>Complexity:</b>	
<b>PHP Version:</b>	4.3	<b>Sprint Focus:</b>	
<b>Tags:</b>			

#### Description

If you let "uploadfolder" empty in your TCA Settings. Like:

```
"movie" => Array (
"exclude" => 1,
"label" => "LLL:EXT:ext_collect/locallang_db.xml:tx_extcollect_movies.movie",
"config" => Array (
"type" => "group",
"internal_type" => "file",
"allowed" => "flv",
"max_size" => 500000,
"uploadfolder" => "",
"size" => 1,
"minitems" => 1,
"maxitems" => 1,
)
),
```

The selected File will not be copied. It stores only the absolute Path of the file (great!).

But after saving the record, the selector box shows the whole "long" path. The Filename isn't identifiable anymore. It would be great if the Filename appears instead of the "Upload" Field, which isn't used anymore.

This Feature is used by MailformPlus and some of my private extensions... ;)

(issue imported from #M6039)

#### History

**#1 - 2007-09-04 16:59 - Typoheads GmbH**

+1

**#2 - 2008-01-08 17:26 - Yannick Pavard**

+1 ;)

But I prefer to do not store absolute path, but only fileadmin/mytemplate/news.html

Thank You

**#3 - 2008-02-26 00:44 - Peter Wechtersbach**

+1

Also prefer only fileadmin/mytemplate/...

Thank you :)

**#4 - 2008-02-26 01:01 - Oliver Hader**

Could someone please add a patch then? Thanks! ;-)

**#5 - 2008-02-27 01:56 - Martin Borer**

Uploaded a Patch: 6039.patch

If "uploadfolder" is empty, the Upload Field will be dropped and the stored path is relative to site root.

I'm not sure if the line:

```
$valueArray[$key] = substr($theFile, strpos($theFile, "fileadmin/"));  
is a good solution... Is there a T3-Function for this issue?
```

**#6 - 2008-02-27 09:48 - Martin Borer**

PS: Adding references to selected files is missing in my patch!

**#7 - 2008-02-27 22:53 - Martin Borer**

Uploaded new patch: 6039\_v2.patch

New:

- with file references support.
- replaced line

```
$valueArray[$key] = substr($theFile, strpos($theFile, "fileadmin/"));  
with a better solution
```

**#8 - 2008-02-27 23:08 - Benni Mack**

Is this a bug or a feature?

If it's a bug, please submit it to the core list so it can go to in the 4.2 release!

**#9 - 2008-02-27 23:14 - Benni Mack**

I also read through your patch (v2). Quite cool.

A couple of things to fix:

- Please create the patch located to the base directory of the SVN branch.
- Hunk #2: Please use curly braces around if statements
- Hunk #3: Curly braces here too would be nice. Also use single quotes : `&& $config['uploadfolder']!=`)
- Hunk #5: could be written as

```
if (count($valueArray)) {  
    foreach ($valueArray as &$theFile) {  
        if (t3lib_div::isFirstPartOfStr($theFile,PATH_site)) {  
            $theFile = substr($theFile,strlen(PATH_site));  
        }  
    }  
}
```

**#10 - 2008-02-28 00:40 - Martin Borer**

Uploaded clean patch: 6039\_v3.patch

[Benjamin Fischer](#)

Thanks for your hints. Liked the "foreach" one! ;)

I will report this "bug" to the list. It's a mix between a bug and a feature. thumbnails and file references were not working with an empty "uploadfolder" option.

**#11 - 2008-02-28 10:31 - Martin Borer**

Submitted to the list:

<http://lists.netfielders.de/pipermail/typo3-team-core/2008-February/014293.html>

news://news.netfielders.de:119/mailman.1.1204159369.29536.typo3-team-core@lists.netfielders.de

**#12 - 2008-03-12 21:59 - Martin Borer**

Uploaded new patch: 6039\_v4\_new\_internal\_type.patch

There are now 2 ways to have direct file references.

1st and better way

There is now a new internal\_type for TCA->group called 'file\_reference' it's almost an alias for 'file' with the difference that the option 'uploadfolder' is always ignored, so it's always a file reference.

2nd way (not so good)

internal\_type 'file' with empty 'uploadfolder' Option. With this config the behavior is exactly the same like the internal\_type 'file\_reference'.

#### #13 - 2008-05-06 11:20 - Martin Borer

There is something missing in my patch!

Import data from a \*.t3d file with TCA->group->internal\_type 'file\_reference' records or 'file' with empty 'uploadfolder' records is not working.

Import message (example):

```
[red]
fileadmin/user_upload/castTest/rechner.jpg, fileadmin/user_upload/castTest/verwaltung.jpg
[/red]
[green]
typo3temp/imp9C.tmp, typo3temp/imp9D.tmp
[/green]
```

which core files are responsible for import / export \*.t3d ?

#### #14 - 2008-05-06 11:51 - Michiel Roos

```
-(michiel@Food:1,28 0,94 0,77)---[...s/alien42/typo3]
`-$ grep -r t3d ^
sysext/adodb/datasource_flexform_ds.xml
sysext/cms/cshimages/pagetree_overview_4.png
sysext/cms/ext_emconf.php
sysext/cms/tbl_tt_content.php
sysext/css_styled_content/flexform_ds.xml
sysext/fologin/flexform.xml
sysext/impexp/app/index.php
sysext/impexp/app/locallang.xml
sysext/impexp/class.tx_impexp.php
sysext/impexp/doc/TODO.txt
sysext/impexp/ext_emconf.php
sysext/impexp/locallang_csh.xml
-(michiel@Food:1,28 0,94 0,77)---[...s/alien42/typo3]
`-$
```

#### #15 - 2008-06-27 17:32 - Benni Mack

what's the status here?

#### #16 - 2008-08-02 13:47 - Martin Borer

New patch: 6039\_v5\_with\_impexp.patch

New with import / export support of group->file\_reference fields.

Could someone of the core 'gurus' review this patch? ;)

There are still some minor flaws. The relative path for example, the path to the file is only identifiable if thumbnails are active for the file\_reference field.

#### #17 - 2008-08-19 12:07 - Dmitry Dulepov

I took the version from the core list and updated it a bit. Only then I saw that you already made another here :( Please, inform core list next time if you do...

I attached my version 96039\_v5.diff).

#### #18 - 2008-08-19 21:51 - Martin Borer

New patch: 6039\_v6.diff  
(Typo3 4.2-Branch Revision 4005)

Merged 6039\_v5.diff from Dimitry with 6039\_v5\_with\_impexp.patch.

I've made also a BUGFIX! In 6039\_v5\_with\_impexp.patch, some lines were outside a foreach loop. (only last selected file was converted to a relative path.)

Please don't use 6039\_v5\_with\_impexp.patch!

#### #19 - 2008-09-19 13:33 - Michael Miousse

will it be integrated in futur version of typo3?

because i made an extension from the patch and i want to know if it would be useful to put it on the ter

#### #20 - 2008-10-23 18:02 - Stefan Galinski

I have tested the latest patch and it works like expected. IMHO it's really an important patch to get rid of the endless copying stuff in TYPO3.

**#21 - 2008-10-29 15:53 - Stefan Galinski**

I have uploaded the file "typo3\_fileIntegrityCheckWithSupportOfDirectReferences.patch" which is a followup of the last patch. It contains a workaround for the database->file references functions. This one has always reported any direct references to fileadmin files in the "missing files" section. You can find the corresponding backend function here: DB Check->Database Relations.

BTW: It's just a workaround, because the whole code of the file must be refactored.

**#22 - 2009-01-15 13:42 - Stefan Galinski**

Any news?

BTW: The following two typoscript lines are important to render images of tt\_content elements in the frontend (if css\_styed\_content is used).

```
tt_content.image.20.imgPath =
tt_content.textpic.20.imgPath < tt_content.image.20.imgPath
```

**#23 - 2009-01-21 14:47 - Stefan Galinski**

Latest patch is against 4.2.4 and includes my file integrity patch.

**#24 - 2009-01-26 01:01 - Martin Borer**

@Stefan,

Thanks for your merged patch. I've reported your new patch to the typo3 core list:  
<http://lists.netfielders.de/pipermail/typo3-team-core/2009-January/022835.html>

**#25 - 2009-02-19 14:21 - Daniel Schmitzer**

The Patch works fine and fix the problems in 4.2.1

**#26 - 2009-03-27 23:01 - Steffen Kamper**

I attached a patch that fits to latest trunk.

**#27 - 2009-05-25 21:57 - Martin Borer**

New patch: 6039\_v9.diff  
(Typo3 4.2-Branch Revision 5493)

- Bugfix 1: internal\_type 'folder' shows now the path and not only the folder name.

- Bugfix 2: image title attribute of thumbnails (internal\_type -> file\_reference) now displays the filesize instead of 'FILE NOT FOUND!'

**#28 - 2009-08-01 20:18 - Christian Kuhn**

Committed attached v15 to trunk, rev. 5744.

**Files**

6039.patch	1.78 KB	2008-02-27	Administrator Admin
6039_v2.patch	2.72 KB	2008-02-27	Administrator Admin
6039_v3.patch	2.77 KB	2008-02-28	Administrator Admin
6039_v4_new_internal_type.patch	10.1 KB	2008-03-12	Administrator Admin
6039_v5_with_impexp.patch	17 KB	2008-08-02	Administrator Admin
6039_v5.diff	12.1 KB	2008-08-19	Administrator Admin
6039_v6.diff	18.3 KB	2008-08-19	Administrator Admin
typo3_fileIntegrityCheckWithSupportOfDirectReferences.patch	2.06 KB	2008-10-29	Administrator Admin
6039_v7.patch	19.8 KB	2009-01-21	Administrator Admin
6039_v8.diff	19.7 KB	2009-03-27	Administrator Admin
6039_v9.diff	21.5 KB	2009-05-25	Administrator Admin
T3X_6039-0_0_0-z-200906261532.t3x	10.4 KB	2009-07-31	Administrator Admin
6039_v14.diff	20.6 KB	2009-07-31	Administrator Admin
6039_v14_doku.txt	371 Bytes	2009-07-31	Administrator Admin
6039_v15.diff	20.4 KB	2009-08-01	Administrator Admin