

## Core - Bug # 46383

<b>Status:</b>	Resolved	<b>Priority:</b>	Must have
<b>Author:</b>	Ben Robinson	<b>Category:</b>	File Abstraction Layer (FAL)
<b>Created:</b>	2013-03-17	<b>Assigned To:</b>	
<b>Updated:</b>	2014-05-13	<b>Due date:</b>	
<b>TYPO3 Version:</b>	6.1		
<b>PHP Version:</b>			
<b>Complexity:</b>			
<b>Is Regression:</b>	No		
<b>Sprint Focus:</b>			
<b>Subject:</b>	levelmedia ignores sorting of media records		
<b>Description</b>			
Precondition: a page with multiple FAL media records (images).			
The sorting of media records is ignored. If the sorting is changed afterwards, it does not affect the order of the "FILES":			
<pre>page.10 = COA page.10{   stdWrap.wrap = &lt;ul&gt; &lt;/ul&gt;   stdWrap.required = 1   10 = FILES   10 {     references{       data = levelmedia:-1, slide       treatIdAsReference = 1     }     renderObj = IMAGE     renderObj {       stdWrap.wrap = &lt;li&gt; &lt;/li&gt;       stdWrap.required = 1       file.import.data = file:current:originalUid // file:current:uid     }   } }</pre>			
This does work (but without "slide"):			
<pre>page.10 = COA page.10{   stdWrap.wrap = &lt;ul&gt; &lt;/ul&gt;   stdWrap.required = 1   10 = FILES   10 {     references{       table = pages       uid.data = page:uid       fieldName = media     }   } }</pre>			

```

renderObj = IMAGE
renderObj {
  stdWrap.wrap = <li>|</li>
  stdWrap.required = 1
  file.import.data = file:current:originalUid // file:current:uid
}
}
}

```

#### Related issues:

related to Core - Bug # 43691: Media Image Import is broken	Closed	2012-12-06	
related to Core - Epic # 54260: WP: FAL Missing Issues / Features / API	Accepted	2012-04-22	2014-02-15
related to Core - Bug # 54884: RootlineUtility does not consider foreign_sort...	Resolved	2014-01-09	
related to Core - Bug # 56150: Exception with "Hidden" sys_file_references wh...	Resolved	2014-02-20	

#### History

##### #1 - 2013-06-24 14:54 - Florian Schaeffer

confirmed on TYPO3 6.1.1

When using (for debugging purposes only, the snippet just prints all available media images):

```

lib.navigationIcon = FILES
lib.navigationIcon {
  references {
    data = levelmedia:-1, slide
  }
renderObj = TEXT
renderObj {
  data = file:current:publicUrl
  wrap = {image : '|', title : '', thumb : '', url : ''},
}
}

```

I get another order of records as with

```

lib.navigationIcon = FILES
lib.navigationIcon {
  references {
    table = pages
    uid = 1
    fieldName = media
  }
renderObj = TEXT
renderObj {
  data = file:current:publicUrl
  wrap = {image : '|', title : '', thumb : '', url : ''},
}
}

```

If I try to get the first record using levelmedia:-1, slide the files are not sorted correctly (following the SQL-statements I see sort by for all accesses to sys\_file\_reference).

To reproduce it just add more than one reesource to page, make sure that you slide up the tree to get the information and than change the order of thoses ressources. The frontend output won't change.

There is another bug #43691 which describes the same form cObject IMAGE so it is related to the levelmedia.

I debugged all SQL-queries and found, that when using levelmedia the sys\_file\_reference table is queried twice, the first time WIHTOUT sorting and the second time with sorting. Unfortunately the first query result is used for reading the file references for the media field.

So if I manually delete a media releation and add another one, the order is correct unless I change it by ordering the relations in the media field again.

## **#2 - 2013-06-28 11:12 - Philipp Gampe**

- Status changed from New to Accepted

- Priority changed from Should have to Must have

## **#3 - 2013-11-06 15:46 - Markus no-lastname-given**

A small workaround: If you use "sorting = sorting\_foreign" it works for me. hth

```
lib.navigationIcon = FILES
lib.navigationIcon {
    sorting = sorting_foreign
    references {
        data = levelmedia:-1, slide
    }
    renderObj = TEXT
    renderObj {
        data = file:current:publicUrl
        wrap = {image : '|', title : '', thumb : '', url : ''},
    }
}
```

## **#4 - 2014-02-19 01:06 - Christian Reiter**

I can confirm levelmedia ignores sorting of FAL references in 6.1.7

```
blabla= COA
blabla{
    10 = IMAGE
    10 {
        file {
            import.data = levelfield:1, media
            treatIdAsReference = 1
            import.listNum = 0
        }
    }
}
```

Levelfield is done through stdwrap and leads to the function getData in TYPO3\CMS\Frontend\ContentObject\ContentObjectRenderer

This has a switch construct and for levelfield it just asks the rootline

```
switch ($type) {  
    ...  
    case 'levelfield':  
        $keyP = \TYPO3\CMS\Core\Utility\GeneralUtility::trimExplode(',', $key);  
        $nkey = $this->getKey($keyP[0], $GLOBALS['TSFE']->tmpl->rootLine);  
        $retVal = $this->rootLineValue($nkey, $keyP[1], strtolower($keyP[2]) == 'slide');  
        break;
```

In TYPO3\CMS\Core\Utility\RootlineUtility::enrichWithRelationFields

line 267

```
$rows = $this->databaseConnection->exec_SELECTgetRows('uid', $table, $whereClause);
```

- No ORDER clause at all.
- No enableFields respected
  - There is only \$this->pageContext->deleteClause(\$table)
  - (this leads to an **exception** if a FAL reference is hidden!)

This part of RootlineUtility does query TCA but it doesn't ask for 'foreign\_sortby' which would be right.

It does

```
foreach ($GLOBALS['TCA'][$pages]['columns'] as $column => $configuration) {  
    ...  
    $table = $configuration['foreign_table'];  
    $field = $configuration['foreign_field'];
```

Maybe just add

```
$sorting = $configuration['foreign_sortby'];
```

and use that (if not null/empty) for adding an orderByClause after the whereClause ?

#### #5 - 2014-02-20 09:00 - Christian Reiter

This ought to be fixed in 6.2 with <https://review.typo3.org/#/c/26727/> but that should be backported to 6.1

#### #6 - 2014-02-24 10:15 - Markus Klein

- Status changed from Accepted to Resolved
- Target version set to next-patchlevel
- TYPO3 Version changed from 6.0 to 6.1
- Is Regression set to No

This is fixed in 6.1 and 6.2 with #54884.

Will be released with 6.1.8

#### #7 - 2014-02-27 16:32 - Fritz Welter

Yes i confirm that as well (Typo3 6.2), and it even takes media from lower levels by mistake!

I have set media records in root page and subpage 2 and levelmedia takes them all

```
root
.
.--subpage1
.--subpage2
TS
#lib.sliderimages = COA
#lib.sliderimages {
    1. 1 = COA
    2. 1 {
    3.   stdWrap.required=1
    4.   stdWrap.outerWrap.cObject = TEXT
    5.   stdWrap.outerWrap.cObject.value = '|',
    6.   2 = IMG_RESOURCE
    7.   2 {
    8.     file {
    9.       import.data = levelmedia: -1, slide
    10.      treatIdAsReference = 1
    11.      import.listNum = 0
    12.    }
    13.  }
    14. }
    15. 2 < .1
    16. 2.2.file.import.listNum = 1
    17. 3 < .1
    18. 3.2.file.import.listNum = 2
    19. 4 < .1
    20. 4.2.file.import.listNum = 3
    21. 5 < .1
    22. 5.2.file.import.listNum = 4
    #}
```

**#8 - 2014-03-27 10:48 - Sebastian Schmal**

mh, this ts dont work in T3 6.2 :(  
the output is all the same image!

here the old code in T3 4.5.xx and higher

```
#IMAGE
5 = IMAGE
5 {
    wrap = |
    file {
        width = 705c
        height = 550c
        maxW = 705c
        maxH = 550c
        import {
```

```

cObject = TEXT
cObject {
  cObject = TEXT
  cObject {
    value = fileadmin/templates/images/products/product1.jpg
    override {
      required = 1
      data = levelmedia:-1, slide
      wrap = uploads/media/
      listNum = 0
    }
  }
  override {
    required = 1
    field = media
    wrap = uploads/media/
    listNum = 0
  }
}
}
altText.field = title
titleText.field = title
imageLinkWrap = 1
imageLinkWrap {
  enable = 1
  typolink {
    target = _self
    parameter.field = uid
    title.cObject=TEXT
    title.cObject.field = nav_title // subtitle // title
  }
}
}

```

**#9 - 2014-03-28 15:34 - Sebastian Schmal**

**here a new solution**

```

5 = FILES
5 {

  references {
    table = pages
    fieldName = media
  }
  renderObj = IMAGE
  renderObj {
    file {
      width = 470c

```

```

height = 470c
maxW = 470c
maxH = 470c
import.data = file:current:publicUrl
}
#altText.data = file:current:title
altText.field = title
titleText.field = title

layoutKey = default
layout {
  default {
    element = 
    source =
  }
  srcset {
    element = 
    source = [*|###SRC### ###SRCSETCANDIDATE###,*|###SRC### ###SRCSETCANDIDATE###
  }
}

sourceCollection {
  small {
    width = 200
    srcsetCandidate = 600w
    mediaQuery = (max-device-width: 600px)
    dataKey = small
  }
  smallRetina {
    if.directReturn = 1
    width = 200
    pixelDensity = 2
    srcsetCandidate = 600w 2x
    mediaQuery = (max-device-width: 600px) AND (min-resolution: 192dpi)
    dataKey = smallRetina
  }
}
}
}
}

```

```

references {
table = pages
fieldName = media
}

```

this code is in 6.2 buggy!!

**data = levelmedia:-1, slide**

**#10 - 2014-05-13 17:32 - Sebastian Schmal**

here a new solution - T3 6.2 and slide:

<http://blog.ingeniumdesign.de/2014/03/30/typo3-6-2-probleme-mit-ressourcen-media-auslesen/>