

TYPO3 Core - Bug #46383

levelmedia ignores sorting of media records

2013-03-17 12:35 - Ben Robinson

Status:	Closed	Start date:	2013-03-17
Priority:	Must have	Due date:	
Assignee:		% Done:	0%
Category:	File Abstraction Layer (FAL)	Estimated time:	0.00 hour
Target version:	next-patchlevel	Complexity:	
TYPO3 Version:	6.1	Is Regression:	No
PHP Version:		Sprint Focus:	
Tags:			

Description

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":

```
page.10 = COA
page.10{
    stdWrap.wrap = <ul>|</ul>
    stdWrap.required = 1
    10 = FILES
    10 {
        references{
            data = levelmedia:-1, slide
            treatIdAsReference = 1
        }
        renderObj = IMAGE
        renderObj {
            stdWrap.wrap = <li>|</li>
            stdWrap.required = 1
            file.import.data = file:current:originalUid // file:current:uid
        }
    }
}
```

This does work (but without "slide"):

```
page.10 = COA
page.10{
    stdWrap.wrap = <ul>|</ul>
    stdWrap.required = 1
    10 = FILES
    10 {
        references{
            table = pages
            uid.data = page:uid
            fieldName = media
        }
        renderObj = IMAGE
        renderObj {
            stdWrap.wrap = <li>|</li>
            stdWrap.required = 1
            file.import.data = file:current:originalUid // file:current:uid
        }
    }
}
```

Related issues:

Related to TYPO3 Core - Bug #43691: Media Image Import is broken	Closed	2012-12-06	
Related to TYPO3 Core - Epic #54260: WP: FAL Missing Issues / Features / API	Closed	2012-04-22	2014-02-15
Related to TYPO3 Core - Bug #56150: Exception with "Hidden" sys_file_referenc...	Closed	2014-02-20	
Related to TYPO3 Core - Bug #54884: RootlineUtility does not consider foreign...	Closed	2014-01-09	
Related to TYPO3 Core - Bug #54884: RootlineUtility does not consider foreign...	Closed	2014-01-09	

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 reesources. 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 relation 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/>]]

#11 - 2018-10-02 12:15 - Benni Mack

- *Status changed from Resolved to Closed*

#12 - 2019-07-04 17:43 - bitfire it services

Probably the same as [#54884](#) and [#71973](#)?

#13 - 2019-09-17 08:54 - Benni Mack

- *Related to Bug #54884: RootlineUtility does not consider foreign_sorting for relation fields added*