

Core - Bug # 64930

Status:	Resolved	Priority:	Must have
Author:	Frans Saris	Category:	Backend User Interface
Created:	2015-02-08	Assigned To:	Nicole Cordes
Updated:	2015-02-16	Due date:	
TYPO3 Version: 7			
PHP Version:			
Complexity:			
Is Regression: Yes			
Sprint Focus: Stabilization Sprint			
Subject: Infinite javascript loop when trying to add new IRRE element with RTE fields			
Description			
<p>If you try to create a new child element with an RTE element the javascript get into a infinite loop in TYPO3\CMS\Rtehtmlarea\HTMLArea\Util\String</p> <pre>String.prototype.ellipsis = function(length) { var temp = this; var trimmed = this; if (temp.visualLength() > length) { trimmed += "..."; while (trimmed.visualLength() > length) { temp = temp.substring(0, temp.length-1); trimmed = temp + "..."; } } return trimmed; };</pre> <p>Also opening existing children give issues</p> <p>TYPO3.settings.Textarea.autosize undefined</p>			
Related issues:			
related to Core - Bug # 62440: RTE is not loaded when creating new child or w...		Resolved	2014-10-24

Associated revisions

Revision 67a67d3e - 2015-02-16 21:19 - Stanislas Rolland

[BUGFIX] Prevent Javascript loop for RTE-enabled fields

Problem: If a collapsed IRRE element with a RTE-enabled field is added, a JavaScript loop is triggered because of missing widths of the select fields within the RTE toolbar. This is caused by change in the way IRRE nested inline elements are made visible using class attribute rather than display property of style attribute. This also applies to new tab menus. The change also affects the properties of the nested elements whose mutations must be observe in order to detect when the RTE iframe becomes

visible.

Solution: Adjust the list of attributes to be observed on nested inline elements. Adjust also detection of nested elements visibility state as well as the walk to make them hidden with the visibility property of the style attribute while the RTE framework is being rendered.

There is also a check added for TYPO3.settings.Textarea that is not present when RTE fields are hidden by DisplayCond for a child element that gets expanded/opened.

Releases: master

Resolves: #64930

Change-Id: I6f3bea4e9e72c33f2ae773734e9e6d794fe38ee9

Reviewed-on: <http://review.typo3.org/36860>

Reviewed-by: Nicole Cordes <typo3@cordes.co>

Tested-by: Nicole Cordes <typo3@cordes.co>

Reviewed-by: Stanislas Rolland <typo3@sjbr.ca>

Tested-by: Stanislas Rolland <typo3@sjbr.ca>

History

#1 - 2015-02-08 20:23 - Frans Saris

- *Sprint Focus set to Stabilization Sprint*

#2 - 2015-02-08 21:12 - Stanislas Rolland

Please test this change: <https://review.typo3.org/#/c/34706/>

#3 - 2015-02-10 09:00 - Frans Saris

Still got a infinite loop at <http://master.typo3.local/typo3/sysextrtehtmlarea/Resources/Public/JavaScript/HTMLArea/Util/String.js?1421954776:57> when creating/adding a new record. At least that is the message from FireFox.

Opening a existing IRRE element works with the patch.

#4 - 2015-02-10 09:08 - Frans Saris

Did some extra test but the patch doesn't resolve any of the mentioned bugs. If there are visible RTE fields it works also without the patch for existing IRRE elements.

If displayCond prevents the RTE from being shown you get the following error (also only for existing IRRE records):

```
TypeError: TYPO3.settings.Textarea is undefined
```

```
http://master.typo3.local/typo3/sysextrtehtmlarea/Resources/Public/JavaScript/FormEngine.js
```

```
Line 635
```

#5 - 2015-02-10 11:29 - Nicole Cordes

- *Status changed from New to Needs Feedback*

Can't verify this neither with Firefox nor with Chrome. Any special settings in TCA needed? I have a parent element with children by using foreign_selector

#6 - 2015-02-10 14:11 - Frans Saris

- Status changed from Needs Feedback to New

Here the TCA that gives troubles

```
<?php

if (!defined('TYPO3_MODE')) {
    die('Access denied.');
```

```
}

return array(
    'ctrl' => array(
        'requestUpdate' => 'all_day,allow_subscribing',
        'title' => 'LLL:EXT:eventsmanager/Resources/Private/Language/locallang_db.xml:tx_eventsmanager_domain_model_event',
        'label' => 'title',
        'tstamp' => 'tstamp',
        'crdate' => 'crdate',
        'dividers2tabs' => TRUE,
        'versioningWS' => 2,
        'versioning_followPages' => TRUE,
        'origUid' => 't3_origuid',
        'languageField' => 'sys_language_uid',
        'transOrigPointerField' => 'l10n_parent',
        'transOrigDiffSourceField' => 'l10n_diffsource',
        'delete' => 'deleted',
        'enablecolumns' => array(
            'disabled' => 'hidden',
            'starttime' => 'starttime',
            'endtime' => 'endtime',
            'fe_group' => 'fe_group',
        ),
        'searchFields' => 'title, teaser, description,',
        'requestUpdate' => 'parent_event',
        'iconfile' => \TYPO3\CMS\Core\Utility\ExtensionManagementUtility::extRelPath('eventsmanager') .
'Resources/Public/Icons/tx_eventsmanager_domain_model_event.gif'
    ),
    'interface' => array(
        'showRecordFieldList' => 'sys_language_uid, l10n_parent, l10n_diffsource, hidden, title, teaser, description, images, fe_group,
categories, linked_events',
    ),
    'types' => array(
        '1' => array('showitem' => '
            --div--;LLL:EXT:eventsmanager/Resources/Private/Language/locallang_db.xml:tabs.general,
            --palette--;LLL:EXT:eventsmanager/Resources/Private/Language/locallang_db.xml:palette.event;title,
            teaser;;;richtext:rte_transform[flag=rte_enabled|mode=ts],
            description;;;richtext:rte_transform[flag=rte_enabled|mode=ts],
            images,
```

```

        linked_events,
        categories,
        fe_group'),
    ),
    'palettes' => array(
        'title' => array('showitem' => 'title, hidden, --linebreak--, parent_event', 'canNotCollapse' => 1),
    ),
    'columns' => array(
        'sys_language_uid' => array(
            'exclude' => 1,
            'label' => 'LLL:EXT:lang/locallang_general.xml:LGL.language',
            'config' => array(
                'type' => 'select',
                'foreign_table' => 'sys_language',
                'foreign_table_where' => 'ORDER BY sys_language.title',
                'items' => array(
                    array('LLL:EXT:lang/locallang_general.xml:LGL.allLanguages', -1),
                    array('LLL:EXT:lang/locallang_general.xml:LGL.default_value', 0)
                ),
            ),
        ),
    ),
    'l10n_parent' => array(
        'displayCond' => 'FIELD:sys_language_uid:>:0',
        'exclude' => 1,
        'label' => 'LLL:EXT:lang/locallang_general.xml:LGL.l18n_parent',
        'config' => array(
            'type' => 'select',
            'items' => array(
                array("", 0),
            ),
            'foreign_table' => 'tx_eventsmanager_domain_model_event',
            'foreign_table_where' => 'AND tx_eventsmanager_domain_model_event.pid=###CURRENT_PID### AND
tx_eventsmanager_domain_model_event.sys_language_uid IN (-1,0)',
        ),
    ),
    'l10n_diffsource' => array(
        'config' => array(
            'type' => 'passthrough',
        ),
    ),
    't3ver_label' => array(
        'label' => 'LLL:EXT:lang/locallang_general.xml:LGL.versionLabel',
        'config' => array(
            'type' => 'input',
            'size' => 30,
            'max' => 255,
        )
    ),
    'hidden' => array(
        'exclude' => 1,
        'label' => 'LLL:EXT:eventsmanager/Resources/Private/Language/locallang_db.xml:field.hidden',
        'config' => array(
            'type' => 'check',

```

```

    ),
  ),
  'starttime' => array(
    'exclude' => 1,
    'l10n_mode' => 'mergelfNotBlank',
    'label' => 'LLL:EXT:lang/locallang_general.xml:LGL.starttime',
    'config' => array(
      'type' => 'input',
      'size' => 13,
      'max' => 20,
      'eval' => 'datetime',
      'checkbox' => 0,
      'default' => 0
    ),
  ),
  'endtime' => array(
    'exclude' => 1,
    'l10n_mode' => 'mergelfNotBlank',
    'label' => 'LLL:EXT:lang/locallang_general.xml:LGL.endtime',
    'config' => array(
      'type' => 'input',
      'size' => 13,
      'max' => 20,
      'eval' => 'datetime',
      'checkbox' => 0,
      'default' => 0
    ),
  ),
  'title' => array(
    'exclude' => 0,
    'label' => 'LLL:EXT:eventsmanager/Resources/Private/Language/locallang_db.xml:tx_eventsmanager_domain_model_event.title',
    'config' => array(
      'type' => 'input',
      'size' => 30,
      'eval' => 'trim,required'
    ),
  ),
  'parent_event' => array(
    'exclude' => 1,
    'label' =>
      'LLL:EXT:eventsmanager/Resources/Private/Language/locallang_db.xml:tx_eventsmanager_domain_model_event.parent_event',
    'config' => array(
      'type' => 'group',
      'internal_type' => 'db',
      'allowed' => 'tx_eventsmanager_domain_model_event',
      'minitems' => 0,
      'maxitems' => 1,
      'size' => 1,
      'wizards' => array(
        'suggest' => array(
          'type' => 'suggest',
        ),
      ),
    ),
  ),

```

```

    ),
  ),
),
'teaser' => array(
  'exclude' => 1,
  'displayCond' => 'FIELD:parent_event:<:1',
  'label' => 'LLL:EXT:eventsmanager/Resources/Private/Language/locallang_db.xml:tx_eventsmanager_domain_model_event.teaser',
  'config' => array(
    'type' => 'text',
    'cols' => 40,
    'rows' => 5,
    'eval' => 'trim'
  ),
),
'description' => array(
  'exclude' => 1,
  'displayCond' => 'FIELD:parent_event:<:1',
  'label' =>
'LLL:EXT:eventsmanager/Resources/Private/Language/locallang_db.xml:tx_eventsmanager_domain_model_event.description',
  'config' => array(
    'type' => 'text',
    'cols' => 40,
    'rows' => 15,
    'eval' => 'trim'
  ),
),
'images' => array(
  'exclude' => 1,
  'displayCond' => 'FIELD:parent_event:<:1',
  'l10n_mode' => 'mergelfNotBlank',
  'label' => 'LLL:EXT:eventsmanager/Resources/Private/Language/locallang_db.xml:tx_eventsmanager_domain_model_event.images',
  'config' => \TYPO3\CMS\Core\Utility\ExtensionManagementUtility::getFileFieldTCAConfig(
    'images',
    array(
      'appearance' => array(
        'createNewRelationLinkTitle' =>
'LLL:EXT:eventsmanager/Resources/Private/Language/locallang_db.xml:tx_eventsmanager_domain_model_event.images.add'
      ),
    ),
    $GLOBALS['TYPO3_CONF_VARS']['GFX']['imagefile_ext']
  ),
),
'categories' => array(
  'exclude' => 1,
  'l10n_mode' => 'exclude',
  'label' =>
'LLL:EXT:eventsmanager/Resources/Private/Language/locallang_db.xml:tx_eventsmanager_domain_model_event.categories',
  'config' => array(
    'type' => 'select',
    'foreign_table' => 'sys_category',
    'foreign_table_where' => ' AND sys_category.sys_language_uid IN (-1, 0) ORDER BY sys_category.sorting ASC',
    'MM' => 'sys_category_record_mm',
    'MM_opposite_field' => 'items',
  ),
),

```

```

'MM_match_fields' => array(
    'tablenames' => 'tx_eventsmanager_domain_model_event',
    'fieldname' => 'categories',
),
'renderMode' => 'tree',
'treeConfig' => array(
    'parentField' => 'parent',
    'appearance' => array(
        'expandAll' => FALSE,
        'showHeader' => TRUE,
        'maxLevels' => 99,
        'width' => 600,
    ),
),
'size' => 10,
'autoSizeMax' => 20,
'minitems' => 0,
'maxitems' => 999,
),
),
'linked_events' => array(
    'exclude' => 1,
    'displayCond' => 'FIELD:parent_event:<:1',
    'label' =>
'LLL:EXT:eventsmanager/Resources/Private/Language/locallang_db.xml:tx_eventsmanager_domain_model_event.linked_events',
    'config' => array(
        'type' => 'inline',
        'foreign_table' => 'tx_eventsmanager_domain_model_event',
        'foreign_field' => 'parent_event',
        'maxitems' => 9999,
        'appearance' => array(
            'newRecordLinkAddTitle' => TRUE,
            'levelLinksPosition' => 'both',
            'useSortable' => 0,
            'collapseAll' => 1,
            'expandSingle' => 0,
            'enabledControls' => array(
                'info' => 0,
                'new' => 0,
                'dragdrop' => 0,
                'sort' => 0,
                'hide' => 1,
                'delete' => 1,
                'localize' => 0
            )
        )
    ),
),
),
'fe_group' => array(
    'exclude' => 1,
    'label' =>
'LLL:EXT:eventsmanager/Resources/Private/Language/locallang_db.xml:tx_eventsmanager_domain_model_event.fe_group',
    'config' => array(

```

```

'type' => 'select',
'size' => 5,
'maxitems' => 20,
'items' => array(
    array(
        'LLL:EXT:lang/locallang_general.xml:LGL.hide_at_login',
        -1,
    ),
    array(
        'LLL:EXT:lang/locallang_general.xml:LGL.any_login',
        -2,
    ),
    array(
        'LLL:EXT:lang/locallang_general.xml:LGL.usergroups',
        '--div--',
    ),
),
'exclusiveKeys' => '-1,-2',
'foreign_table' => 'fe_groups',
'foreign_table_where' => 'ORDER BY fe_groups.title',
),
),
);

```

#7 - 2015-02-10 21:10 - Stanislas Rolland

Do you get the problem when the fields are not RTE-enabled in TCA?

#8 - 2015-02-11 08:37 - Frans Saris

With RTE disabled for those fields adding a new child element works, but opening an existing one still give the error

Uncaught TypeError: Cannot read property 'autosize' of undefined

#9 - 2015-02-11 12:43 - Nicole Cordes

- Status changed from New to In Progress
- Assigned To set to Nicole Cordes

Thanks for the TCA - have the same trouble now

#10 - 2015-02-12 12:41 - Gerrit Code Review

- Status changed from In Progress 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 <http://review.typo3.org/36860>

#11 - 2015-02-12 12:44 - Nicole Cordes

- Status changed from Under Review to In Progress

The "real" problem here is the option 'collapseAll' => 1 for the inline parent field which triggers the loop.

#12 - 2015-02-12 12:44 - Nicole Cordes

- Status changed from In Progress to Under Review

#13 - 2015-02-13 20:36 - Gerrit Code Review

Patch set 2 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at <http://review.typo3.org/36860>

#14 - 2015-02-14 19:41 - Gerrit Code Review

Patch set 3 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at <http://review.typo3.org/36860>

#15 - 2015-02-14 21:48 - Gerrit Code Review

Patch set 4 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at <http://review.typo3.org/36860>

#16 - 2015-02-14 23:31 - Gerrit Code Review

Patch set 5 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at <http://review.typo3.org/36860>

#17 - 2015-02-16 05:34 - Gerrit Code Review

Patch set 6 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at <http://review.typo3.org/36860>

#18 - 2015-02-16 16:22 - Gerrit Code Review

Patch set 7 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at <http://review.typo3.org/36860>

#19 - 2015-02-16 17:30 - Gerrit Code Review

Patch set 8 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.

It is available at <http://review.typo3.org/36860>

#20 - 2015-02-16 18:50 - Gerrit Code Review

Patch set 9 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.

It is available at <http://review.typo3.org/36860>

#21 - 2015-02-16 20:56 - Gerrit Code Review

Patch set 10 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.

It is available at <http://review.typo3.org/36860>

#22 - 2015-02-16 21:30 - Stanislas Rolland

- *Status changed from Under Review to Resolved*

- *% Done changed from 0 to 100*

Applied in changeset commit:67a67d3e6cf34ee84ac6c436b48f15d4836aa38a.