

TYPO3 Core - Bug #78918

Pasting long text into the RTE leads to browser crashes

2016-12-08 10:14 - Marco Huber

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|--|------------------------------|------------------------|-------------------|
| Status: | Closed | Start date: | 2016-12-08 |
| Priority: | Should have | Due date: | |
| Assignee: | | % Done: | 0% |
| Category: | RTE (rtehtmlarea + ckeditor) | Estimated time: | 0.00 hour |
| Target version: | | Complexity: | |
| TYPO3 Version: | 7 | Is Regression: | No |
| PHP Version: | | Sprint Focus: | |
| Tags: | | | |
| Description | | | |
| <p>The browser crashes, if you copy a long text into the RTE. This happens always in the IE and if you open the developer toolbar it happens in the firefox, too.</p> <p>I think the reason is this patch: https://review.typo3.org/#/c/44810/</p> <p>The event DOMSubtreeModified is triggered very often on changes in the RTE. And because everytime the event is triggered a complete form validation is startet, the script runtime gets to long and makes the browser crash. How often the event is triggered depends on which transformations are done while pasting content into the RTE. I mean, which tags and attributes are allowed and which should be removed and so on.</p> <p>Examples:</p> <ol style="list-style-type: none">1. If you make a linebreak in an empty RTE, then the event is triggered 3 times.2. If you paste the text "asd" into an empty RTE, then the event is triggered 1 time.3. If you paste the two textblocks "TYPO3 Schulungen" and "TYPO3 Hosting" from https://typo3.bgm-gmbh.de/leistungen/ into an empty RTE, then the event is triggered more than 30 times (then my browser crashed ;-)).3.1 If you deactivate the validation in the function Editor.prototype.onDOMSubtreeModified, then the event ist triggered "only" 9 times. <p>To count how often the event is triggered I added this code to the function Editor.prototype.onDOMSubtreeModified:</p> <pre>this.onDOMSubtreeModifiedCounter = this.onDOMSubtreeModifiedCounter 0; this.onDOMSubtreeModifiedCounter++; console.log(this.onDOMSubtreeModifiedCounter);</pre> <p>Perheps there is a better event to start the validation? Perheps when the hidden textarea is updated? But I haven't found the place where this happens.</p> | | | |
| Related issues: | | | |
| Related to TYPO3 Core - Bug #70246: RTE fields do not handle eval validation ... | | Closed | 2015-10-01 |

History

#1 - 2016-12-08 10:15 - Marco Huber

- Category set to RTE (rtehtmlarea + ckeditor)

#2 - 2016-12-12 13:49 - 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/50932>

#3 - 2016-12-12 13:53 - Marco Huber

- File Testtable.doc added

I can reproduce this bug in the IE11 with pasting the table from the attached doc and the following TsConfig:

User-TsConfig:

```
setup.default.rteCleanPasteBehaviour = pasteStructure
```

Page-TsConfig:

```
RTE.default {
  buttons{
    pastetoggle {
      setActiveOnRteOpen = 1
      hidden = 1
    }

    pastebehaviour {
      pasteStructure.keepTags = a,p,h[2-3],pre,address,article,aside,blockquote,div,footer,header,nav,section,hr,br,table,thead,tbody,tfoot,caption,tr,th,td,ul,ol,dl,li,dt,dd,b,i,strong,em
    }
  }
}
```

#4 - 2016-12-12 13:55 - 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 <https://review.typo3.org/50932>

#5 - 2016-12-16 11:31 - 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 <https://review.typo3.org/50932>

#6 - 2017-01-31 11:11 - 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 <https://review.typo3.org/50932>

#7 - 2017-02-14 13:44 - 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 <https://review.typo3.org/50932>

#8 - 2017-10-20 23:05 - Riccardo De Contardi

- Status changed from Under Review to Closed

We are sorry, but we close this issue as now TYPO3 uses CKEditor and RTEHtmlarea is no more supported by TYPO3 .

RTEHtmlarea development has stopped - it has been decoupled from the core and its code is available on GitHub: <https://github.com/FriendsOfTYPO3/rtehtmlarea>

If you still need this fixed please create a PR on GitHub

Regards
Riccardo De Contardi

Files

| | | | |
|---------------|---------|------------|-------------|
| Testtable.doc | 38.5 KB | 2016-12-12 | Marco Huber |
|---------------|---------|------------|-------------|