

## TYPO3 Core - Task #63712

### Avoid use of eval() and replace it

2014-12-09 15:50 - Job Rutgers

<b>Status:</b>	Closed	<b>Start date:</b>	2015-09-30
<b>Priority:</b>	Should have	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	100%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	7 LTS	<b>Complexity:</b>	
<b>TYPO3 Version:</b>	7	<b>Sprint Focus:</b>	
<b>PHP Version:</b>			
<b>Tags:</b>			

#### Description

The use of the eval() can be slow and insecure, so maybe it's better to avoid and replace it.

More info on:

<http://www.nczonline.net/blog/2013/06/25/eval-isnt-evil-just-misunderstood/>

After it is implemented it should be possible to use (in nginx):

```
add_header Content-Security-Policy "default-src 'self'; script-src 'self' 'unsafe-inline'; style-src 'self' 'unsafe-inline'; frame-ancestors 'self'";
```

Now 'unsafe-eval' still needed in default-src

#### Subtasks:

Bug # 70205: Remove eval from TCA slider JavaScript

Closed

#### Related issues:

Related to TYPO3 Core - Bug #61996: unsafe-eval

Closed

2014-10-01

Related to TYPO3 Core - Task #17626: JS-function checkSubmit should not use eval

Closed

2007-09-24

Related to TYPO3 Core - Task #73047: Content-Security-Policy for the Backend

Closed

2016-01-31

#### Associated revisions

##### Revision a167e6c3 - 2015-09-30 16:30 - Andreas Fernandez

[BUGFIX] Remove eval from TCA slider JavaScript

Resolves: #70205

Related: #63712

Releases: master

Change-Id: I6d5c7d21870a7d36557db40f9047450701315bc1

Reviewed-on: <http://review.typo3.org/43651>

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#### History

##### #1 - 2014-12-23 19:45 - Mathias Schreiber

- Target version changed from 7.0 to 7.1 (Cleanup)

##### #2 - 2015-06-15 17:08 - Benni Mack

- Target version changed from 7.1 (Cleanup) to 7.4 (Backend)

##### #3 - 2015-08-05 10:26 - Susanne Moog

- Target version changed from 7.4 (Backend) to 7.5

##### #4 - 2015-09-24 19:18 - Benni Mack

- Target version changed from 7.5 to 7 LTS

**#5 - 2015-10-28 23:16 - Stefan Neufeind**

- Status changed from *New* to *Resolved*

just a few remaining evals, but all in JavaScript-code. Let's imho close it

**#6 - 2016-01-31 15:46 - Peter Proell**

There is still (7.6) CSP Issues in the backend (/typo3).

We should add a fitting CSP to the .htaccess in /typo3. Currently I am adding

**Header set Content-Security-Policy "default-src \* 'unsafe-eval' 'unsafe-inline';**

in /typo3/.htaccess to overrule the more strict CSP of the website itself and make the backend work as well.

It would be a nice security feature if the TYPO3 backend would support a stricter CSP.

Infos on CSP:

<http://content-security-policy.com/>

[https://de.wikipedia.org/wiki/Content\\_Security\\_Policy](https://de.wikipedia.org/wiki/Content_Security_Policy)

**#7 - 2016-01-31 15:51 - Peter Proell**

Opened a new ticket <https://forge.typo3.org/issues/73047> as I cannot reopen this one.

**#8 - 2017-10-21 17:45 - Riccardo De Contardi**

- Status changed from *Resolved* to *Closed*