

TYPO3 Core - Bug #88672

SlugHelper->isUniqueInSite() slow for installations with many sites and similar URL structures

2019-07-02 14:13 - Thomas Fischer

Status:	Under Review	Start date:	2019-07-02
Priority:	Must have	Due date:	
Assignee:		% Done:	0%
Category:	Link Handling, Site Handling & Routing	Estimated time:	0.00 hour
Target version:	Candidate for patchlevel	Complexity:	easy
TYPO3 Version:	9	Is Regression:	Yes
PHP Version:	7.2	Sprint Focus:	
Tags:			
Description			
<p>If a large installation has a lot of sites / root pages, each with similar or identical page structures of a few levels, calling <code>fixUniqueInSite()</code> and especially <code>fixUniqueInSiteForSubpages()</code> in the <code>DataHandler</code> becomes slow due to the way potentially duplicate URLs are retrieved in <code>SlugHelper->isUniqueInSite()</code>.</p> <p>A fix could include a different or two alternative approaches for duplicate URL retrieval, taking into account the size and the overall page structure of the installation.</p> <p>Also, the runtime cache could be used inside <code>isUniqueInSite()</code>, as this method is called recursively from inside <code>fixUniqueInSiteForSubpages()</code> and some of the necessary data (e.g. site definitions, root page association of a single page) should not be changed from the outside inbetween these calls.</p>			
Related issues:			
Related to TYPO3 Core - Epic #93547: Collection of problems with large sites		Accepted	2021-02-19

History

#1 - 2019-07-02 17:47 - 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/c/Packages/TYPO3.CMS/+61213>

#2 - 2019-07-03 13:53 - 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/c/Packages/TYPO3.CMS/+61213>

#3 - 2019-07-03 14:54 - 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/c/Packages/TYPO3.CMS/+61213>

#4 - 2020-07-23 14:48 - Stefan P

This true for TYPO3 9 as well. We have a setup that needs (literally!) five minutes to create a simple folder in the page tree.

And this hogs the Database so intense that the Frontend is going down in this time! So this can actually be considered a critical bug.

#5 - 2020-07-23 14:56 - Stefan P

- Category changed from `DataHandler` aka `TCEmain` to `Link Handling, Site Handling & Routing`

- Priority changed from `Should have` to `Must have`

- TYPO3 Version changed from 10 to 9

#6 - 2020-07-23 15:01 - Stefan P

- Is Regression changed from `No` to `Yes`

Flagged as regression, because TYO3 8 + realurl didn't need 5 minutes to add a page tree node.

#7 - 2021-02-24 10:03 - Stefan P

- Related to Epic #93547: Collection of problems with large sites added

#8 - 2021-11-29 14:10 - Gerrit Code Review

Patch set 4 for branch **main** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at <https://review.typo3.org/c/Packages/TYPO3.CMS/+61213>