

## Core - Bug # 55180

Epic # 55070 (Accepted): Workpackages

Epic # 55065 (New): WP: Overall System Performance (Backend and Frontend)

Task # 55179 (Closed): Optimize SQL Performance

<b>Status:</b>	Resolved	<b>Priority:</b>	Should have
<b>Author:</b>	Ingo Schmitt	<b>Category:</b>	Performance
<b>Created:</b>	2014-01-20	<b>Assigned To:</b>	Ingo Schmitt
<b>Updated:</b>	2014-12-13	<b>Due date:</b>	
<b>TYPO3 Version:</b>	6.2		
<b>PHP Version:</b>			
<b>Complexity:</b>	easy		
<b>Is Regression:</b>	No		
<b>Sprint Focus:</b>			
<b>Subject:</b>	Increase Determination of siteroot page		
<b>Description</b>	<p>TYPO3 detects the rootpage by issuing a where clause on the pages table:</p> <p>Count: 786 Time=0.04s (35s) Lock=0.00s (0s) Rows=0.0 (0), webuser[webuser]@localhost SELECT uid FROM pages WHERE deleted=N AND hidden=N AND is_siteroot=N LIMIT N</p> <p>no index on is_siteroot and hidden.</p>		
<b>Related issues:</b>			
related to Core - Bug # 55534: Fix typo in typo3/sysex/core/ext_tables.sql		<b>Resolved</b>	<b>2014-01-31</b>
related to Core - Bug # 59824: Better index for determineSiteRoot		<b>Resolved</b>	<b>2014-06-23</b>

### Associated revisions

#### Revision 7a71192e - 2014-01-31 18:12 - Ingo Schmitt

[BUGFIX] Add index to table pages

To detects the siteroot by querying the pages table with the columns deleted, hidden, is\_siteroot. This patch introduces a combined index on those columns

Resolves: #55180

Releases: 6.2

Change-Id: Icae63670419cf9bc0029e2aa570cdf0108b9d62a

Reviewed-on: <https://review.typo3.org/27154>

Reviewed-by: Anja Leichsenring

Tested-by: Anja Leichsenring

Reviewed-by: Marcin Sagol

Reviewed-by: Benjamin Mack

Tested-by: Benjamin Mack

### History

#### #1 - 2014-01-20 18:50 - Markus Klein

Hi Ingo.

Count: 786

Is that for one single FE/BE request??

**#2 - 2014-01-30 15:05 - Ingo Schmitt**

- *Category set to Performance*

Is for each FE Request

**#3 - 2014-01-30 15:51 - Gerrit Code Review**

- *Status changed from New to Under 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/27154>

**#4 - 2014-01-30 15:53 - 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/27154>

**#5 - 2014-01-31 18:30 - Ingo Schmitt**

- *Status changed from Under Review to Resolved*

- *% Done changed from 0 to 100*

Applied in changeset commit:7a71192e02ac21d35866307a7876d9f0c58423b9.

**#6 - 2014-02-18 09:45 - Ingo Schmitt**

- *Estimated time changed from 0.50 to 2.00*

**#7 - 2014-12-13 22:01 - Christian Kuhn**

Actually, this query is not fired this way at all!

the siteroot determination works by first finding the uid of the requested page, then getting its rootline, then iterating over it to see which of it has `is_siteroot` set.

where did this query actually came from, and which code part of the core fires it? i could not find anything like that, so imho the created index is bogus. if some extension (like TV) does stuff like that, it should add its index on its own.

... still investigating on this since i'm not 100% sure about those claims ... i woke up again on this topic because of pending patch <https://review.typo3.org/#/c/31082/> which wants to change this index again (also for questionable reasons) ...