**Bugs & Wish list**

Moving a node in structure to another structure does not change structure ID of the moved node's children.

**Status**
- Open

**Subject**
Moving a node in structure to another structure does not change structure ID of the moved node's children.

**Version**
16.x

**Category**
- Release Blocker

**Feature**
Wiki Structure (book & table of content)

**Resolution status**
New

**Submitted by**
flamenco

**Lastmod by**
flamenco

**Rating**
⭐⭐⭐⭐⭐⭐⭐⭐⭐⭐⭐⭐⭐⭐⭐⭐⭐⭐⭐⭐ (0) 🌀

**Description**
The method

```
public function move_to_structure($page_ref_id, $structure_id, $begin=true)
```

changes the moved node's structure_id, but not the children's structure_id. The target structure will still show the children, but will not allow them to be moved. (Pressing save will have no effect, basically causing a read-only structure, with no warnings or errors output)

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Here's your fix:

```
public function move_to_structure($page_ref_id, $structure_id, $begin=true)
{
    $page_info = $this->s_get_page_info($page_ref_id);
    $query = "update `tiki_structures` set `pos`=`pos`-1 where `pos`>? and `parent_id`=?";
    $this->query($query, array((int) $page_info["pos"], (int) $page_info["parent_id"]));
    if ($begin) {
```
$query = "update `tiki_structures` set `pos`=`pos`+1 where `parent_id`=?";
$pos = 1;
$query = "update `tiki_structures` set `structure_id`=?, `parent_id`=?, `pos`=? where `page_ref_id`=?";
$this->query($query, array($structure_id, $structure_id, $pos+1, $page_ref_id));
} else {
    $query = "select max(`pos`) from `tiki_structures` where `parent_id`=?";
    $pos = $this->getOne($query, array($structure_id));
    $query = "update `tiki_structures` set `structure_id`=?, `parent_id`=?, `pos`=? where `page_ref_id`=?";
    $this->query($query, array($structure_id, $structure_id, $pos+1, $page_ref_id));
}
// get the page_ref_ids of all child pages of the moved page
$child_ref_ids = array();
$result = $this->query("select child.page_ref_id from tiki_structures p inner join tiki_structures child on child.parent_id = p.page_ref_id where p.page_ref_id=" . $page_ref_id);
while ($row = $result->fetchRow()){array_push($child_ref_ids, $row['page_ref_id']);}
// update the structure ids of the child pages
$this->query("update tiki_structures set structure_id=" . $structure_id . " where page_ref_id in (" . implode(',',$child_ref_ids) . ")");

Importance
10 high

Easy to solve?
5

Priority
50

Demonstrate Bug (Tiki 19+)
Please demonstrate your bug on show2.tiki.org

Version: trunk

Ticket ID
6047

Created
Sunday 24 July, 2016 13:24:44 GMT-0000
by flamenco

LastModif
Sunday 24 July, 2016 14:09:29 GMT-0000

Comments

flamenco 24 Jul 16 14:14 GMT-0000

Here's a SQL to find structure nodes with the wrong structure ID set:
select child.page_ref_id, child.structure_id, p.structure_id as real_structure_id from tiki.tiki_structures p
inner join tiki.tiki_structures child on child.parent_id = p.page_ref_id
where p.structure_id != child.structure_id

Xavier de Pedro 24 Jul 16 19:33 GMT-0000
Hi flamenco, nice catch, and thanks for the fix.
Can you please commit it yourself to the svn repository?
See this:
https://dev.tiki.org/Commit

Thanks in advanced!

flamenco 25 Jul 16 15:25 GMT-0000
The link to http://sourceforge.net/projects/tikiwiki/develop is broken. How can be be added to commit?
My sforge username is twelvetone. Thanks!

Xavier de Pedro 26 Jul 16 16:02 GMT-0000
Hi Flamenco,
As it was indicated in the "Commit" page I linked, the instructions are in:
https://dev.tiki.org/How+to+get+commit+access

In short, you need to ask for commit access in the irc channel, etc. and an admin will provide it after
you ask him a couple of questions (one is your sf.net username, yes).

See you there!

Torsten Fabricius 18 Sep 16 12:14 GMT-0000
Hello flamenco,

please make sure that you read and understand the 3 Rules first.

I have seen you in the IRC shortly. You need to have some luck, that one of our devs who can grant
the commit access are around. Sometimes people are online with their computer, but no at the desk
or busy in another window, not seing the IRC. Thus you need to wait a while or to come back later.

Surely you get the commit access after a short ceremony then.

Best regards,
Torsten

flamenco 19 Sep 16 12:41 GMT-0000
Thanks Torsten. I gave up but then received your comment. I had no idea if the IRC was even
working at at. It’s really not the best system for this; I feel like I’m back in 1975. Most projects I
work on use pull requests and merit gets you access.
<table>
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<th>comment</th>
<th>version</th>
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<td>24 Jul 16 14:15 GMT-0000</td>
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<td>SQL Output</td>
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The original document is available at