

## Bugs & Wish list

Fatal error trying to upgrade to Tiki 18 ("Call to a member function urldecode() on null") | Tiki Wiki CMS Groupware :: Development  
Fatal error trying to upgrade to Tiki 18 ("Call to a member function urldecode() on null")

### Status

✖ Closed

### Subject

Fatal error trying to upgrade to Tiki 18 ("Call to a member function urldecode() on null")

### Version

18.x

### Category

- Error

### Feature

Installer (profiles, upgrades and server-related issues)

### Resolution status

Fixed or Solved

### Submitted by

ilkkao

### Lastmod by

Philippe Cloutier

### Rating

★ ★ ★ ★ ★ (1) ?

### Related-to

- ✖ FATAL ERROR while upgrading

### Description

I tried to upgrade my Tiki kipinapartio.fi from 17.1 to 18.0 .

During the database migration phase got this error:



```
Fatal error: Uncaught Error: Call to a member function urldecode() on null in
/home/kipinapartio/tiki-18.0/lib/parser/parserlib.php:3682 Stack trace: #0
/home/kipinapartio/tiki-18.0/installer/schema/20171123_create_object_links_tiki.php(18):
ParserLib->get_pages('Lippukuntamme k...') #1
/home/kipinapartio/tiki-18.0/installer/schema/20171123_create_object_links_tiki.php(43):
{closure}(Object(Installer), 'article', '34', 'Lippukuntamme k...') #2
/home/kipinapartio/tiki-18.0/installer/installlib.php(175):
upgrade_20171123_create_object_links_tiki(Object(Installer)) Fatal error: Uncaught Error: Call
to a member function urldecode() on null in
/home/kipinapartio/tiki-18.0/lib/parser/parserlib.php:3682 Stack trace: #0
/home/kipinapartio/tiki-18.0/installer/schema/20171123_create_object_links_tiki.php(18):
ParserLib->get_pages('Lippukuntamme k...') #1
/home/kipinapartio/tiki-18.0/installer/schema/20171123_create_object_links_tiki.php(43):
{closure}(Object(Installer), 'article', '34', 'Lippukuntamme k...') #2
/home/kipinapartio/tiki-18.0/installer/installlib.php(175):
```

```
upgrade_20171123_create_object_links_tiki(Object(Installer)) #3
/home/kipinapartio/tiki-18.0/installer/installlib.php(130):
Installer->installPatch('20171123_create...') #4 /home/kipinapartio/tiki-18.0/installer/tiki-
installer.php(1049): Installer->update() #5 /home/kipinapartio/tiki-18.0/tiki-install.php(102):
include_once('/home/kipinapar...') #6 {main} thrown in
/home/kipinapartio/tiki-18.0/lib/parser/parserlib.php on line 3682
```

This is an old Tiki that has been upgraded many times. Reverting now back to 17.1 but I'm available to provide any extra info you need.

## Solution

As discussed in the tikiwiki-devel thread:

Chealer wrote on 23 Feb 18:

*This looks like a bug in TikiLib::lib(), exposed when requesting TikiLib when tiki-setup\_base.php has not run. Other installer "patches" like installer/schema/999999991\_decode\_pages\_sources\_tiki.php and installer/schema/99999999\_image\_plugins\_kill\_tiki.php have worked around it. Source: <https://sourceforge.net/p/tikiwiki/mailman/message/36236145/>*

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~~Nothing to do with the above imho, hopefully fixed in r65660~~ Sorry, Chealer, you're absolutely right i think, r65660 didn't work - just adding tiki-setup.php in 20171123\_create\_object\_links\_tiki.php would probably do it but i don't know what that script is supposed to do really so better leave it to the original author (Asa?)

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Maybe r65950?

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This was fixed for Tiki 18.2 by Lukas Masek via revisions 66546 and 66547:  
<http://sourceforge.net/p/tikiwiki/code/66547>

## Importance

9

## Easy to solve?

6

## Priority

54

## Demonstrate Bug (Tiki 19+)

This bug has been demonstrated on [show2.tiki.org](http://show2.tiki.org)

## Demonstrate Bug (older Tiki versions)

Please demonstrate your bug on [show.tikiwiki.org](http://show.tikiwiki.org)

Version: 18.x ▼

## Ticket ID

6561

Created

Thursday 01 February, 2018 08:08:17 GMT-0000

by ilkkao

LastModif

Tuesday 29 May, 2018 20:20:13 GMT-0000

Comments



luciash d' being 09 Mar 18 18:52 GMT-0000

Sorry, I do not understand the solution... Can you explain a bit more what and where to fix?



Philippe Cloutier 09 Mar 18 19:27 GMT-0000

As can be seen in the stack trace, the installer calls `upgrade_20171123_create_object_links_tiki()`, which calls `ParserLib::get_pages()`. On line 3682, `get_pages()` calls a "urldecode" function on a `$tikilib` variable. This variable is supposed to be an instance of `TikiLib`, but is actually null, which is why we get a "Call to a member function `urldecode()` on null".

This `$tikilib` variable is set by a call to `TikiLib::lib()` on line 3655. The problem is that this statement returns null rather than a `TikiLib` instance when running in the installer.

The problem with calling `TikiLib::lib('tiki')` is that `TikiLib::lib()` assumes that a global `$tikilib` variable is set to an instance of `TikiLib`, which is not the case in the installer. There are therefore 2 possible solutions:

1. Have `lib()` stop assuming that a `$tikilib` global variable is set to an instance of `TikiLib`,
2. Ensure that a `$tikilib` global variable is set to an instance of `TikiLib` when `upgrade_20171123_create_object_links_tiki()` runs. This could be achieved by running `tiki-setup_base.php` before.



ilkkao 09 Mar 18 19:56 GMT-0000

Answering Jonny's question in the mailing list here:

>Hmm, my fix should be in 18.1 i would have thought, can you check in your copy of `parser/parserlib.php` and see what's on line 3680 please? It should be:

> `$htmlLinks1 = array_filter($htmlLinks1);`

>which i thought would remove NULL values from that array... (that code it really weird, needs rewriting properly one day ;)

The line is in that file but on line 3679. I'm using

[https://sourceforge.net/projects/tikiwiki/files/Tiki\\_18.x\\_Alcyone/18.1/tiki-18.1.tar.gz/download](https://sourceforge.net/projects/tikiwiki/files/Tiki_18.x_Alcyone/18.1/tiki-18.1.tar.gz/download)



galbourn 05 Apr 18 08:35 GMT-0000

I have the same message when migrating my tiki-15.3 in 18.1

I am in multiki installation

For an instance, I do not have the problem for other instances, I have the error message.

Fatal error: Uncaught Error: Call to a member function urldecode() on null in /usr/local/share/tiki-18.1/lib/parser/parserlib.php:3689 Stack trace: #0 /usr/local/share/tiki-18.1/installer/schema/20171123\_create\_object\_links\_tiki.php(18): ParserLib->get\_pages('installPatch('20171123\_create...') #4 /usr/local/share/tiki-18.1/installer/tiki-installer.php(1049): Installer->update() #5 /usr/local/share/tiki-18.1/tiki-install.php(102): include\_once('/usr/local/shar...') #6 {main} thrown in /usr/local/share/tiki-18.1/lib/parser/parserlib.php on line 3689

The line \$htmlLinks1 = array\_filter(\$htmlLinks1); is in that file but on line 3679

Can you help ?



luciash d' being 29 May 18 20:05 GMT-0000

Fixed by <http://sourceforge.net/p/tikiwiki/code/66547>



ilkkao 03 Aug 18 07:45 GMT-0000

Verified. I was able to update the latest 18.x version without problems. Thanks luciash for fixing this problem!

#### Attachments

filename	created	hits	comment	version	filetype
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No attachments for this item

The original document is available at <https://dev.tiki.org/item6561-Fatal-error-trying-to-upgrade-to-Tiki-18-Call-to-a-member-function-urldecode-on-null>