

## Tiki13

### Next Tiki 13 release "scrum"&nbsp;meeting

While not truly a "scrum" meeting as defined by the software development methodology, all developers and documenters are encouraged to participate in these sessions. The goal is to supplement communications that are on this wiki page as well as on the dev-list with a real-time sync-up on release efforts.

The format of the meeting will be similar to the "10 am" meetings at TikiFests, where there is a quick touch-base of what each other has been doing, what's the next highest priorities, and talk about the "divide and conquer" strategy for the remaining tasks.

Right now, there is no meeting scheduled.

Tiki13 is now being prepared for the release. Once Tiki 12.1 is released, we are then ready to create the 13.x branch, and then the first alpha for Tiki 13 can be released shortly after this branching, and aim is to have final release by second week of June. The [release coordinators](#) are Bernard Sfez and Nelson Ko.

Since this is just after the LTS, it is expected to have a lot of enhancements (like Tiki4 and Tiki7). In fact, current estimates of development planned will make it the release with the most development ever (in terms of developer hours)!

To take advantage of [new features from PHP 5.5](#), as [recommended by a member of the PHP core team](#), we will make this the minimum requirement. Even if [PHP 5.5 is quite new and still has a very small market share](#), it will be much higher by the time Tiki 13 is released (April 2014). Also, a big part of our community goes from LTS to LTS and thus, will only start upgrading to 15.x in the later part of 2015 and 2016, by which time PHP 5.5 and up will be quite common.

### Documenting of Upgrading&nbsp;Issues

Please document those at <https://doc.tiki.org/Tiki13#Upgrade>.

### Latest Update

As of June 27, I have finished upgrading dev.tiki.org to Tiki 13.

Themes.tiki.org is the very next one (will do it tomorrow morning). If all is well, doc.tiki.org will follow in a few days.

Unless serious problems are discovered with the upgraded dev.tiki.org, I will also be proceeding to releasing Tiki 13.0 beta over the weekend, once I've upgraded themes.tiki.org.

I will send a message about temporary commit freezing before commencing tagging and packaging of Tiki 13.0 beta.

### Testing on&nbsp;nextdoc.tiki.org

PLEASE CHANGE THEME TO FIVEALIVE-LITE with CLASSIC layout before testing. Also, set the JQuery UI theme from None back to default. Also approve all plugins in tiki-plugins.php by clicking "Approve all pending plugins" at the bottom of the page.

### Steps that need to be done on other tiki.org sites before&nbsp;upgrading

The following can and should be done before upgrading.

- h3 in shared footer custom need to be changed to h4

- Logo source should be changed from previewxxx to dlxxx (so that it shows without dithering)
- You should set Containing Class in Admin...Modules (Appearance tab) for the Topbar search module to "col-xs-3"
- You should set Containing Class in Admin...Modules (Appearance tab) for the Topbar menu module to "col-xs-9"
- Remove under Admin...Look and Feel (Customizations) any custom CSS except



```
.twfooter .box {width: 106px; float:left; text-align: left;margin-left: 30px;}
.twfooter .box:first-child {margin-left: 0;}
.twfooter img.externallink {display:none;}
```

### Opinions on side column&nbsp;widths?

- IMO the left and right columns may be too narrow (currently the column width proportions are 20%-80%-20%). I think maybe switching to the 25%-50%-25% layout template might be better (although that would make the center column considerably narrower) .

gezza: What is difference between basic and classic layout?

I think we should cut down the layout options for this release and rename what is left. I think since having columns is a matter of configuration it should not be included in the name. We should have a simple name and a short description, eg:

1)Name: "Default" Description: "Default layout. Maximum 3 columns, where center column takes 50% or 75% or 100% depending on the number of enabled side columns. Proportions in case of 3 columns: 25%-50%-25% (left-center-right). In case of 2 colums: 75% for the center and 25% for the side column (left or right)."

2)Name: "Classic" Description: "The classic center focused layout with narrower side columns. Maximum 3 columns available. Center column takes 66,67%, 83,33% or 100% depending on the number of enabled side columns. Proportion in case of 3 columns: 16,66%-66,67%-16,66% (left-center-right). In case of 2 colums: 83,33% for the center, 16,67% for the side column (left or right)"

3)Name: "Social" Description: "The Default layout with a fixed navbar on the top of the screen."

4)Name: "Plain" Description: "Only a center column is available, no header, no side columns, no footer."

+1)Internal: maybe this one should not be displayed at all in the theme admin interface

Nelson to gezza: I am trying to see how to rename the layout labels without actually renaming the layout itself (because too risky at this stage right?) IMO,

Basic -&gt; Standard Bootstrap

Classic -&gt; Classic Tiki

Three Containers -&gt;

Three Containers with 3-6-3 Columns

- Internal
- JQuery Mobile
- layout\_plain.tpl

Social

"\* means for internal system use only"

- classic layout supports shadows, basic does not.

Things to test in general (any new or test upgraded&nbsp;Tiki)

If you are testing, please write down what was exactly tested below so others can refer. Thanks.





Rating	Subject	Submitted by	Importance	Easy to solve?	Priority	Category	Volunteered to solve	Created	LastModif	Comments
● ★★ ★★ ★★ ★★ ★★ ★★ ★★ ★★ (0) ?	<a href="#">13.x dev.t.o: Print version for tracker item almost empty</a>	Xavier de Pedro	7	5	35	<ul style="list-style-type: none"> <li>• Community projects</li> <li>• Dogfood on a *.tiki.org site</li> <li>• Regression</li> <li>• Conflict of two features (each works well independently)</li> </ul>		2015-01-10	2015-01-10	0
● ★★ ★★ ★★ ★★ ★★ ★★ ★★ ★★ ★★ (1) ?	<a href="#">13.x dev.t.o: Print version for tracker item almost empty</a>	Xavier de Pedro	7	5	35	<ul style="list-style-type: none"> <li>• Community projects</li> <li>• Dogfood on a *.tiki.org site</li> <li>• Regression</li> <li>• Conflict of two features (each works well independently)</li> </ul>		2015-01-10	2015-01-10	0
● ★★ ★★ ★★ ★★ ★★ ★★ ★★ ★★ ★★ (0) ?	<a href="#">t.o (13.x) months_links module error: invalid variable value: \$_GET[&amp;quot;blogId&amp;quot;] = 2,29,26</a>	Xavier de Pedro	8	8	64	<ul style="list-style-type: none"> <li>• Community projects</li> <li>• Dogfood on a *.tiki.org site</li> <li>• Regression</li> </ul>		2015-01-15	2017-01-09	0
● ★★ ★★ ★★ ★★ ★★ ★★ ★★ ★★ ★★ (1) ?	<a href="#">Automagically Collapse/Expand columns in wide tables since Bootstrap: Footable jQuery Plugin?</a>	Xavier de Pedro	8	4	32	<ul style="list-style-type: none"> <li>• Usability</li> <li>• Feature request</li> <li>• Support request</li> <li>• Dogfood on a *.tiki.org site</li> </ul>		2015-03-11	2015-03-11	8 xavi-12 Mar 15
● ★★ ★★ ★★ ★★ ★★ ★★ ★★ ★★ ★★ (0) ?	<a href="#">Fivealive header half-broken (somewhere after version 12)</a>	Philippe Cloutier	5	3	15	<ul style="list-style-type: none"> <li>• Regression</li> </ul>		2016-10-22	2016-10-22	0
● ★★ ★★ ★★ ★★ ★★ ★★ ★★ ★★ ★★ (0) ?	<a href="#">Fivealive and mod-logo: Site title displayed too much to the left (lack of contrast with white background)</a>	Philippe Cloutier	3		15	<ul style="list-style-type: none"> <li>• Regression</li> </ul>		2016-10-28	2016-10-28	0

Rating	Subject	Submitted by	Importance	Easy to solve?	Priority	Category	Volunteered to solve	Created	LastModif	Comments
● ★★½ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ (0) 🗨	Single-item action popup UX needs solution	Gary Cunningham-Lee	5		25	• Regression		2017-08-20	2017-08-20	0

«  
1  
2  
3 (current)  
»

Pending

Rating	Subject	Submitted by	Importance	Easy to solve?	Priority	Category	Volunteered to solve	Created	LastModif	Comments
🕒 ★★½ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ (0) 🗨	13.x Bootstrap: tiki-assignuser.php -&gt; There should not be a horizontal scroll bar	Marc Laporte	3	3	9	• Usability • Regression		2014-08-20	2015-05-19	1 manivannans-19 May 15
🕒 ★★½ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ (0) 🗨	12.x & 13.x: Images stretched & skewed (in *.t.o sites and LTS production sites on svn)	Marc Laporte	8	9	72	• Regression • Release Blocker		2014-07-23	2017-01-12	1 marclaporte-06 Aug 14
🕒 ★★½ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ (0) 🗨	Fresh install of 13.0: theme admin panel: tabs with no possible options	Marc Laporte	8	8	64	• Usability		2014-07-29	2014-07-30	5 marclaporte-30 Jul 14

Rating	Subject	Submitted by	Importance	Easy to solve?	Priority	Category	Volunteered to solve	Created	LastModif	Comments
① ★★ ★★ ↓★★ ★★ ↓ ↓★★ ★★ ↓ ↓★★ ★★ ↓ ↓★★ ★★ ↓ ↓★★ ★★ ↓ ↓★★ (0) ②	<a href="#">Mouseover option no longer works in PluginImg</a>	lindon	7	8	56	<ul style="list-style-type: none"> <li>Regression</li> <li>Release Blocker</li> </ul>		2014-06-28	2014-07-13	0
① ★★ ★★ ↓★★ ★★ ↓ ↓★★ ★★ ↓ ↓★★ ★★ ↓ ↓★★ ★★ ↓ ↓★★ ★★ ↓ ↓★★ (0) ②	<a href="#">Draw SVG-edit: in Firefox, drawing shifts quite far from the cursor</a>	Arild Berg	7	7	49	<ul style="list-style-type: none"> <li>Error</li> </ul>		2013-09-22	2017-08-06	2 xavi-06 Aug 17
① ★★ ★★ ↓★★ ★★ ↓ ↓★★ ★★ ↓ ↓★★ ★★ ↓ ↓★★ ★★ ↓ ↓★★ ★★ ↓ ↓★★ (0) ②	<a href="#">Side menu on nextdoc and nextdev not working</a>	Nelson Ko	9		45	<ul style="list-style-type: none"> <li>Release Blocker</li> </ul>		2014-06-19	2014-06-23	0
① ★★ ★★ ↓★★ ★★ ↓ ↓★★ ★★ ↓ ↓★★ ★★ ↓ ↓★★ ★★ ↓ ↓★★ ★★ ↓ ↓★★ (0) ②	<a href="#">Even if I set right module to never it does not hide the right columns</a>	Nelson Ko	9		45	<ul style="list-style-type: none"> <li>Regression</li> </ul>		2014-06-19	2014-07-07	0
① ★★ ★★ ↓★★ ★★ ↓ ↓★★ ★★ ↓ ↓★★ ★★ ↓ ↓★★ ★★ ↓ ↓★★ ★★ ↓ ↓★★ (0) ②	<a href="#">Cannot see text in fivealive-lite watermelon top buttons</a>	Nelson Ko	1 low	1 difficult	1	<ul style="list-style-type: none"> <li>Release Blocker</li> </ul>		2014-06-25	2014-06-27	1 koth-27 Jun 14
① ★★ ★★ ↓★★ ★★ ↓ ↓★★ ★★ ↓ ↓★★ ★★ ↓ ↓★★ ★★ ↓ ↓★★ ★★ ↓ ↓★★ (0) ②	<a href="#">fivealive-lite kiwi can't see logout link</a>	Nelson Ko	1 low	1 difficult	1	<ul style="list-style-type: none"> <li>Release Blocker</li> </ul>		2014-06-25	2014-06-27	1 Chealer9-22 Oct 16

Closed

[+]

## Blockers

Wishlist item categorised as "Blockers" (non-specified versions) - status open or pending.

Rating	Subject	Submitted by	Importance	Easy to solve?	Priority	Category	Volunteered to solve	Created	LastModif	Comments
0 ★★★★★ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ (0) 0	12.0 fresh install: sh setup.sh tries and fails to install developer tools	Marc Laporte	10 high	8	80	• Release Blocker		2013-11-29	2013-11-29	1 jonnybradley-04 Mar 14
0 ★★★★★ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ (0) 0	12.x & 13.x: Images stretched & skewed (in *.t.o sites and LTS production sites on svn)	Marc Laporte	8	9	72	• Regression • Release Blocker		2014-07-23	2017-01-12	1 marclaporte-06 Aug 14
0 ★★★★★ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ (0) 0	Mouseover option no longer works in PluginImg	lindon	7	8	56	• Regression • Release Blocker		2014-06-28	2014-07-13	0
0 ★★★★★ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ (0) 0	validateUsers set to no by User Trackers profile but new registrations on hold due to validation pending (& email not sent even if validateUsers set to yes)	Xavier de Pedro	8	7	56	• Error • Regression • Release Blocker		2018-11-06	2018-11-15	2 robertokir-13 Nov 18
0 ★★★★★ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ (1) 0	Unified Search Engine MFTS fails for any content (was 'Page alias not found by search';)	Hans.Reil	9	6	54	• Consistency • Release Blocker	Nelson Ko	2015-02-01	2015-03-02	3 jonnybradley-26 Feb 15



Rating	Subject	Submitted by	Importance	Easy to solve?	Priority	Category	Volunteered to solve	Created	LastModif	Comments
● ★★☆☆ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ (0) 🗉	<a href="#">Moving a node in structure to another structure does not change structure ID of the moved node's children.</a>	flamenco	10 high	5	50	• Release Blocker		2016-07-24	2016-07-24	6 flamenco-19 Sep 16
○ ★★☆☆ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ (0) 🗉	<a href="#">Adding POP Mailaccount to a forum causes WSOD for that forum</a>	Torsten Fabricius	10 high		50	• Regression Blocker	Jonny Bradley	2017-03-23	2017-05-02	0
● ★★☆☆ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ (0) 🗉	<a href="#">Plugin execution pending approval (box)</a>	Jonny Bradley	10 high	5	50	• Regression Blocker • Release Blocker • Upgrade Blocker		2023-06-15	2023-06-29	5 jonnybradley-28 Jun 23
○ ★★☆☆ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ (0) 🗉	<a href="#">Side menu on nextdoc and nextdev not working</a>	Nelson Ko	9		45	• Release Blocker		2014-06-19	2014-06-23	0
● ★★☆☆ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ (0) 🗉	<a href="#">Search - content section is empty (when using mysql engine)</a>	Christoph	9	5	45	• Regression Blocker • Release Blocker • Bug • Upgrade Blocker	Jonny Bradley	2020-09-08	2020-09-15	0
● ★★☆☆ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ (0) 🗉	<a href="#">Not possible to add a file in a tracker item (tracker field file) - Data is lost FOR TIKI 21x</a>	Mike Finko	9	5	45	• Error • Regression Blocker • Release Blocker • Upgrade Blocker		2020-12-17	2020-12-19	2 xavi-20 Dec 20

Rating	Subject	Submitted by	Importance	Easy to solve?	Priority	Category	Volunteered to solve	Created	LastModif	Comments
● ★★↓ ↓★★ ★★↓ ↓★★ ★★↓ ↓★★ ★★↓ ↓★★ ★★↓ ↓★★ (1) ⓘ	<a href="#">Wiki edit help plugin modal not displaying</a>	Gary Cunningham-Lee	9	5	45	• Regression • Release Blocker		2023-04-25	2023-07-24	4 marclaporte-13 Aug 23
● ★★↓ ↓★★ ★★↓ ↓★★ ★★↓ ↓★★ ★★↓ ↓★★ ★★↓ ↓★★ (0) ⓘ	<a href="#">copy&amp;paste source text from media wiki into tiki wiki this char &amp;quot;→&amp;quot; breaks &amp;quot;index rebuilding&amp;quot;</a>	RadoS	8		40	• Release Blocker		2016-12-27	2017-02-10	8 RadoS-10 Feb 17
⓪ ★★↓ ↓★★ ★★↓ ↓★★ ★★↓ ↓★★ ★★↓ ↓★★ ★★↓ ↓★★ (0) ⓘ	<a href="#">Registration not working properly</a>	Jonny Bradley	10 high	4	40	• Regression • Release Blocker		2018-01-21	2018-01-22	1 jonnybradley-22 Jan 18
⓪ ★★↓ ↓★★ ★★↓ ↓★★ ★★↓ ↓★★ ★★↓ ↓★★ ★★↓ ↓★★ (0) ⓘ	<a href="#">(A blocker if confirmed) errors in trunk database upgrade through console.php keys too long and invalid default value</a>	Xavier de Pedro	8	5	40	• Error • Release Blocker		2018-09-24	2018-10-27	6 jonnybradley-29 Oct 18
⓪ ★★↓ ↓★★ ★★↓ ↓★★ ★★↓ ↓★★ ★★↓ ↓★★ ★★↓ ↓★★ (1) ⓘ	<a href="#">Template groups: Fix or make optional</a>	Xavier de Pedro	9	4	36	• Error • Regression • Release Blocker • Bug	Jonny Bradley	2020-03-20	2020-05-14	1 jonnybradley-21 Mar 20
⓪ ★★↓ ↓★★ ★★↓ ↓★★ ★★↓ ↓★★ ★★↓ ↓★★ ★★↓ ↓★★ (0) ⓘ	<a href="#">Cannot see text in fivealive-lite watermelon top buttons</a>	Nelson Ko	1 low	1 difficult	1	• Release Blocker		2014-06-25	2014-06-27	1 koth-27 Jun 14



Rating	Subject	Submitted by	Importance	Easy to solve?	Priority	Category	Volunteered to solve	Created	LastModif	Comments
● ★★ ★★ ★★ ★★ ★★ ★★ ★★ ★★ ★★ ★★ (0) 🗨	<a href="#">13.x regression or server issue? -&amp;gt; List of open wishes not showing on https://dev.tiki.org/Trackers</a>	Marc Laporte	10 high	7	70	• Regression		2014-07-21	2014-07-29	1 koth-04 Aug 14
● ★★ ★★ ★★ ★★ ★★ ★★ ★★ ★★ ★★ ★★ (1) 🗨	<a href="#">*.tiki.org sites: make the navigation &amp; interface more consistent</a>	Marc Laporte	10 high	7	70	• Community projects • Dogfood on a *.tiki.org site • Regression • Consistency		2014-07-29	2014-08-01	15 chibaguy-31 Aug 14
● ★★ ★★ ★★ ★★ ★★ ★★ ★★ ★★ ★★ ★★ (0) 🗨	<a href="#">File names should not have tiki</a>	samerafach	10 high	7	70	• Usability		2015-02-13	2015-02-18	0
● ★★ ★★ ★★ ★★ ★★ ★★ ★★ ★★ ★★ ★★ (0) 🗨	<a href="#">13.x doc.tiki.org :: help doc links report &amp;quot;Page not found&amp;quot;</a>	Marc Laporte	8	8	64	• Regression		2014-07-26	2014-07-30	0
● ★★ ★★ ★★ ★★ ★★ ★★ ★★ ★★ ★★ ★★ (0) 🗨	<a href="#">Wiki tables &amp; other tables: determine &amp; apply convention</a>	Marc Laporte	8	8	64	• Regression • Consistency		2014-07-30	2014-07-30	0
● ★★ ★★ ★★ ★★ ★★ ★★ ★★ ★★ ★★ ★★ (0) 🗨	<a href="http://tiki.org/tiki-admin.php?page=performance">http://tiki.org/tiki-admin.php?page=performance</a> <a href="#">OpCache has run out of memory</a>	Marc Laporte	8	8	64	• Dogfood on a *.tiki.org site		2014-07-30	2014-07-30	0
● ★★ ★★ ★★ ★★ ★★ ★★ ★★ ★★ ★★ ★★ (0) 🗨	<a href="#">UI not visible to Upload video via Kaltura</a>	upsafety	10 high	6	60	• Support request		2014-09-22	2014-09-23	3 upsafety-01 Oct 14





Rating	Subject	Submitted by	Importance	Easy to solve?	Priority	Category	Volunteered to solve	Created	LastModif	Comments
① ★★ ★★ ★★ ★★ ★★ ★★ ★★ ★★ ★★ (0)	Article not appearing in article generator	Régis Barondeau	3	9	27	• Usability • Regression	Nelson Ko	2013-11-16	2014-08-22	2 marclaporte-04 Jan 14
① ★★ ★★ ★★ ★★ ★★ ★★ ★★ ★★ (0)	InterTiki backlinks / SisterWiki / Extend External Wiki feature	Marc Laporte	4	2	8	• Feature request • Dogfood on a *.tiki.org site		2008-06-05	2016-11-16	1 marclaporte-11 Aug 14
① ★★ ★★ ★★ ★★ ★★ ★★ ★★ ★★ (0)	Surveys not showing the vote count nor average from a rating scale 1...10	Xavier de Pedro	5	5	25	• Error		2014-05-14	2014-06-25	0
① ★★ ★★ ★★ ★★ ★★ ★★ ★★ ★★ (0)	Draw SVG-edit: in Firefox, drawing shifts quite far from the cursor	Arild Berg	7	7	49	• Error		2013-09-22	2017-08-06	2 xavi-06 Aug 17
① ★★ ★★ ★★ ★★ ★★ ★★ ★★ ★★ (0)	12.x & 13.x: Images stretched & skewed (in *.t.o sites and LTS production sites on svn)	Marc Laporte	8	9	72	• Regression • Release Blocker		2014-07-23	2017-01-12	1 marclaporte-06 Aug 14

Rating	Subject	Submitted by	Importance	Easy to solve?	Priority	Category	Volunteered to solve	Created	LastModif	Comments
<ul style="list-style-type: none"> <li>● ★★★</li> <li>↓★★★</li> <li>★★★</li> <li>↓★★★</li> <li>★★★</li> <li>↓★★★</li> <li>★★★</li> <li>↓★★★</li> <li>★★★</li> <li>↓★★★</li> <li>(0) </li> </ul>	Fresh install of 13.0: theme admin panel: tabs with no possible options	Marc Laporte	8	8	64	• Usability		2014-07-29	2014-07-30	5 marclaporte-30 Jul 14
<ul style="list-style-type: none"> <li>● ★★★</li> <li>↓★★★</li> <li>★★★</li> <li>↓★★★</li> <li>★★★</li> <li>↓★★★</li> <li>★★★</li> <li>↓★★★</li> <li>★★★</li> <li>↓★★★</li> <li>(1) </li> </ul>	Unified Search Engine MFTS fails for any content (was &#039;Page alias not found by search&#039;)	Hans.Reil	9	6	54	• Consistency • Release Blocker	Nelson Ko	2015-02-01	2015-03-02	3 jonnybradley-26 Feb 15

Other Closed

[+]

Upgrade

Upgrading to Tiki13?

See notes here:

<https://doc.tiki.org/Tiki13#Upgrade>

Pages linking to Tiki13

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2 pages link to [Tiki13](#)

- [Using Less CSS with Tiki](#)
- [Zend Framework](#)

Alias

- [release process 13](#)