

Tiki13

Next Tiki 13 release "scrum" 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 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 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 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 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 -> Standard Bootstrap

Classic -> Classic Tiki

Three Containers ->

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 Tiki)

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

- Registration in its various forms (depending on email/admin validation) and if tracker info is required etc...
- Try creating some articles and editing them

- Try creating forum and use the forum

More details including Video Introduction

Earlier in the year, while development was still in progress, a summary of development work was on this page, now moved to [Tiki13Development](#).

External Libs to Upgrade

See [Tiki 13 Composer Dependencies](#)

Featured bugs

- <http://dev.tiki.org/item4885> - This one requires a change to support 4-byte UTF8 in MySQL. But this means requiring a certain level of MySQL. Probably should be taken care of in installer.

Regressions

To who find/report a bug:

1. Test on your website, test on neutral ground [demo](#), test on different version (and log results).
2. Report to the [WishList/Bug Report tracker](#).
3. Give short BUT COMPLETE explanation about the problem. (keep the essential remove the rest).
4. Create an instance so next available Dev will have anything he need to try to solve the issue.
5. Retest regularly with new release and for each test, confirm your input. Change date and improve explanation.
6. Answer to the Dev request.
7. Log any changes and mark as solved IF RESOLVED (pleasssseeeee).

Wishlist items categorised as "13.x Regression" - status open or pending.

Open

Rating	Subject	Submitted by	Importance	Easy to solve?	Priority	Category	Volunteered to solve	Created	LastModif	Comments
(1)	Sort on Rating field broken on tracker5 at dev.t.o	Xavier de Pedro	6	4	24	• Error • Community projects • Dogfood on a *.tiki.org site		2008-01-24	2014-09-21	3 jonnybradley-12 Mar 15
(0)	Not possible to delete a tracker on next.tw.o	Marc Laporte	10 high	8	80	• Error • Indexing	nkoth	2013-08-15	2014-07-30	6 koth-04 Aug 14
(2)	Lost avatars on tiki.org	Marc Laporte	10 high	8	80	• Dogfood on a *.tiki.org site • Regression	nkoth	2013-11-03	2014-07-30	10 luci-13 Jan 15
(0)	nextdoc.t.o homepage unable to generate PDF	Xavier de Pedro	6	7	42	• Dogfood on a *.tiki.org site	Nelson Ko	2013-11-04	2014-07-30	3 xavi-06 Nov 13
(0)	Some wiki syntax crashes page, with error message: Not unique table/alias: &#039;ts&#039;	Marc Laporte	5	9	45	• Error	manivannans	2013-11-16	2014-07-30	0
(0)	Broken flag on tiki.org	Marc Laporte	3	9	27	• Regression	manivannans	2013-11-26	2014-08-11	3 marclaporte-11 Aug 14

Rating	Subject	Submitted by	Importance	Easy to solve?	Priority	Category	Volunteered to solve	Created	LastModif	Comments
(0)	Upon select text and click toolbar plugin, CodeMirror activates itself and instead of insert at cursor, we get insert at top	Marc Laporte	10 high	5	50	<ul style="list-style-type: none"> Dogfood on a *.tiki.org site Regression Conflict of two features (each works well independently) 		2014-02-22	2014-07-29	0
(3)	Broken images in Newsletters in 12.x (images sent with relative links)	Xavier de Pedro	8	5	40	<ul style="list-style-type: none"> Regression Less than 30-minutes fix 	Jonny Bradley	2014-03-04	2014-09-21	6 amette-04 Dec 19
(0)	Impossible to start a new drawing on doc.tiki.org	Marc Laporte	6	5	30	<ul style="list-style-type: none"> Regression 		2014-03-17	2014-07-30	1 marclaporte-30 Jul 14
(1)	PluginTrackerStat stopped showing results if data come from categories	Xavier de Pedro	5	5	25	<ul style="list-style-type: none"> Regression 		2014-06-12	2015-04-19	0
(0)	Some formatting for the calendar has been lost	lindon	8	8	64	<ul style="list-style-type: none"> Consistency 		2014-06-28	2014-07-15	2 chibaguy-01 Jul 14
(0)	Can't duplicate alias link, SEFURL link already present in SEF page	Marc Laporte	5	7	35	<ul style="list-style-type: none"> Regression 		2014-06-29	2014-06-30	0
(0)	dev.tiki.org On a mobile device, clicking to show one menu shows them all	Marc Laporte	5	9	45	<ul style="list-style-type: none"> Error Regression 		2014-07-01	2014-07-01	2 marclaporte-07 Jul 14
(0)	RSS titles	Marc Laporte	3	8	24	<ul style="list-style-type: none"> Regression 		2014-07-08	2014-07-08	1 gezza-09 Jul 14
(0)	open/close left/right columns lost in bootstrapping development	Geoff Brickell	5		25	<ul style="list-style-type: none"> Regression 		2014-07-11	2014-07-30	0
(0)	13.x dev.tiki.org printing tracker item generates a mostly empty page	Marc Laporte	9	7	63	<ul style="list-style-type: none"> Regression 		2014-07-13	2014-07-21	0
(0)	13.x dev.tiki.org wiki pages: "Unable to generate PDF"	Marc Laporte	4	7	28	<ul style="list-style-type: none"> Dogfood on a *.tiki.org site Regression 		2014-07-13	2014-07-21	1 WolfgangA-21 Jan 15
(0)	dev.t.o: bug report echo on irc.t.o doesn't display the title of the item (the first isMain field)	Xavier de Pedro	3	5	15	<ul style="list-style-type: none"> Usability Support request Community projects Dogfood on a *.tiki.org site Less than 30-minutes fix 		2014-07-16	2014-07-16	1 marclaporte-22 Jul 14
(0)	13.x regression or server issue? -> List of open wishes not showing on https://dev.tiki.org/Trackers	Marc Laporte	10 high	7	70	<ul style="list-style-type: none"> Regression 		2014-07-21	2014-07-29	1 koth-04 Aug 14
(0)	dev.tiki.org :: 13.x trackers in new edit interface :: selecting a status hides the text	Marc Laporte	1 low	8	8	<ul style="list-style-type: none"> Conflict of two features (each works well independently) 		2014-07-22	2014-07-22	0

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Pending

Rating	Subject	Submitted by	Importance	Easy to solve?	Priority	Category	Volunteered to solve	Created	LastModif	Comments
(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
(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)	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
(0)	Mouseover option no longer works in PluginImg	lindon	7	8	56	• Regression • Release Blocker		2014-06-28	2014-07-13	0
(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
(0)	Side menu on nextdoc and nextdev not working	Nelson Ko	9		45	• Release Blocker		2014-06-19	2014-06-23	0
(0)	Even if I set right module to never it does not hide the right columns	Nelson Ko	9		45	• Regression		2014-06-19	2014-07-07	0
(0)	Cannot see text in fivealive-lite watermelon top buttons	Nelson Ko	1 low	1 difficult	1	• Release Blocker		2014-06-25	2014-06-27	1 koth-27 Jun 14
(0)	fivealive-lite kiwi can't see logout link	Nelson Ko	1 low	1 difficult	1	• Release Blocker		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)	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

Rating	Subject	Submitted by	Importance	Easy to solve?	Priority	Category	Volunteered to solve	Created	LastModif	Comments
(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)	Mouseover option no longer works in PluginImg	lindon	7	8	56	• Regression • Release Blocker		2014-06-28	2014-07-13	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
(1)	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
(0)	Moving a node in structure to another structure does not change structure ID of the moved node&#039;s children.	flamenco	10 high	5	50	• Release Blocker		2016-07-24	2016-07-24	6 flamenco-19 Sep 16
(0)	Adding POP Mailaccount to a forum causes WSOD for that forum	Torsten Fabricius	10 high		50	• Regression • Release Blocker	Jonny Bradley	2017-03-23	2017-05-02	0
(0)	Plugin execution pending approval (box)	Jonny Bradley	10 high	5	50	• Regression • Release Blocker • Upgrade Blocker		2023-06-15	2023-06-29	5 jonnybradley-28 Jun 23
(0)	Side menu on nextdoc and nextdev not working	Nelson Ko	9		45	• Release Blocker		2014-06-19	2014-06-23	0
(0)	Search - content section is empty (when using mysql engine)	Christoph	9	5	45	• Regression • Release Blocker • Bug • Upgrade Blocker	Jonny Bradley	2020-09-08	2020-09-15	0

Rating	Subject	Submitted by	Importance	Easy to solve?	Priority	Category	Volunteered to solve	Created	LastModif	Comments
(0)	Not possible to add a file in a tracker item (tracker field file) - Data is lost FOR TIKI 21x	Mike Finko	9	5	45	• Error • Regression • Release Blocker • Upgrade Blocker		2020-12-17	2020-12-19	2 xavi-20 Dec 20
(1)	Wiki edit help plugin modal not displaying	Gary Cunningham-Lee	9	5	45	• Regression • Release Blocker		2023-04-25	2023-07-24	4 marclaporte-13 Aug 23
(0)	copy&paste source text from media wiki into tiki wiki this char &quot;-&quot; breaks &quot;index rebuilding&quot;	RadoS	8		40	• Release Blocker		2016-12-27	2017-02-10	8 RadoS-10 Feb 17
(0)	Registration not working properly	Jonny Bradley	10 high	4	40	• Regression • Release Blocker		2018-01-21	2018-01-22	1 jonnybradley-22 Jan 18
(0)	(A blocker if confirmed) errors in trunk database upgrade through console.php keys too long and invalid default value	Xavier de Pedro	8	5	40	• Error • Release Blocker		2018-09-24	2018-10-27	6 jonnybradley-29 Oct 18
(1)	Template groups: Fix or make optional	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)	Cannot see text in fivealive-lite watermelon top buttons	Nelson Ko	1 low	1 difficult	1	• Release Blocker		2014-06-25	2014-06-27	1 koth-27 Jun 14
(0)	fivealive-lite kiwi can't see logout link	Nelson Ko	1 low	1 difficult	1	• Release Blocker		2014-06-25	2014-06-27	1 Chealer9-22 Oct 16

Other 13.x bugs

Other Open

Rating	Subject	Submitted by	Importance	Easy to solve?	Priority	Category	Volunteered to solve	Created	LastModif	Comments
(0)	Registration tracker with file pretty tracker template is impossible	Jean-Marc Libs	8		40	• Bug	Jonny Bradley	2016-03-15	2017-09-19	12 Chealer9-26 Sep 17

Rating	Subject	Submitted by	Importance	Easy to solve?	Priority	Category	Volunteered to solve	Created	LastModif	Comments
(0)	Argument Variables are parsed even in &quot;No parse&quot; (np) zones	luciash d' being []	5	1 difficult	5	<ul style="list-style-type: none"> • Usability • Consistency • Conflict of two features (each works well independently) 		2014-09-18	2019-01-16	9 luci-20 Sep 14
(0)	dev.tiki.org 13.x regression: Since your last visit module: tab 2 & 3 not accessible in mobile mode	Marc Laporte	5	5	25	<ul style="list-style-type: none"> • Usability • Regression • Conflict of two features (each works well independently) 		2014-08-12	2014-08-12	0
(1)	wiki (wysiwyg) inline editor transforms page alias links into standard wiki page link on save (alias lost)	Xavier de Pedro	5	5	25	<ul style="list-style-type: none"> • Error • Consistency • Conflict of two features (each works well independently) 		2015-04-26	2015-04-26	0
(1)	2-way sync of userPreference tracker field (between user tracker and preferences) tricky to set up	Xavier de Pedro	5	4	20	<ul style="list-style-type: none"> • Conflict of two features (each works well independently) 		2015-02-06	2015-02-06	0
(0)	AutoToc conflicts with several other syntaxes (Box, quote, etc.)	Marc Laporte	6	8	48	<ul style="list-style-type: none"> • Consistency • Conflict of two features (each works well independently) 	manivannans	2013-11-03	2014-07-30	0
(0)	dev.tiki.org :: 13.x trackers in new edit interface :: selecting a status hides the text	Marc Laporte	1 low	8	8	<ul style="list-style-type: none"> • Conflict of two features (each works well independently) 		2014-07-22	2014-07-22	0
(0)	Upon select text and click toolbar plugin, CodeMirror activates itself and instead of insert at cursor, we get insert at top	Marc Laporte	10 high	5	50	<ul style="list-style-type: none"> • Dogfood on a *.tiki.org site • Regression • Conflict of two features (each works well independently) 		2014-02-22	2014-07-29	0
(1)	Plugin TrackerToggle doesn&#039;t display the hidden field if attempting to change value in a previously saved itemId	Xavier de Pedro	5	8	40	<ul style="list-style-type: none"> • Error • Feature request • Consistency • Conflict of two features (each works well independently) 		2015-07-23	2015-07-23	0

Rating	Subject	Submitted by	Importance	Easy to solve?	Priority	Category	Volunteered to solve	Created	LastModif	Comments
(1)	forums editor not loaded in t.o mobile (13.x or next.t.o 14.x)	Xavier de Pedro	9	6	54	<ul style="list-style-type: none"> • Community projects • Dogfood on a *.tiki.org site • Conflict of two features (each works well independently) 		2015-02-18	2015-03-16	8 WolfgangA-14 Mar 15
(0)	Wrong user logged in Admin Logs	cr0vax			25	<ul style="list-style-type: none"> • Consistency 		2014-09-24	2017-05-18	0
(0)	Site timezone is not respected when using Plugin Convene (time stored as 2 hours before my selection)	Xavier de Pedro	5	5	25	<ul style="list-style-type: none"> • Usability • Consistency 		2014-08-14	2014-08-14	0
(0)	Bootstrap: links look weird in certain Bootswatch themes	Marc Laporte	4	8	32	<ul style="list-style-type: none"> • Consistency 		2014-08-11	2014-08-11	0
(1)	*.tiki.org sites: make the navigation & interface more consistent	Marc Laporte	10 high	7	70	<ul style="list-style-type: none"> • Community projects • Dogfood on a *.tiki.org site • Regression • Consistency 		2014-07-29	2014-08-01	15 chibaguy-31 Aug 14
(0)	Text box and other formatting disappear when switching from WYSIWYG to non-WYSIWYG	Steven845	6		30	<ul style="list-style-type: none"> • Consistency 		2014-12-06	2018-01-11	1 Chealer9-08 Jan 18
(0)	13.x doc.tiki.org :: search results show content which is not accessible via the link	Marc Laporte	9	6	54	<ul style="list-style-type: none"> • Dogfood on a *.tiki.org site • Consistency 		2014-07-26	2014-07-26	0
(0)	Tracker plugin: Action field type does not show up	luciash d' being ☐	8		40	<ul style="list-style-type: none"> • Usability • Consistency 		2014-09-26	2015-05-21	4 luci-21 May 15
(0)	13.x: group permissions seem to be only globally assignable (no object perms)?	Xavier de Pedro	6	4	24	<ul style="list-style-type: none"> • Feature request • Community projects • Dogfood on a *.tiki.org site • Consistency 		2014-08-24	2014-08-24	0

Rating	Subject	Submitted by	Importance	Easy to solve?	Priority	Category	Volunteered to solve	Created	LastModif	Comments
(1)	Allow end user to switch codemirror on in tracker field textareas when the site feature allows	Xavier de Pedro	4	8	32	<ul style="list-style-type: none"> • Usability • Dogfood on a *.tiki.org site • Consistency 		2013-12-14	2014-09-21	0
(0)	Wiki tables & other tables: determine & apply convention	Marc Laporte	8	8	64	<ul style="list-style-type: none"> • Regression • Consistency 		2014-07-30	2014-07-30	0

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Other Pending

Rating	Subject	Submitted by	Importance	Easy to solve?	Priority	Category	Volunteered to solve	Created	LastModif	Comments
(0)	InterTiki backlinks / SisterWiki / Extend External Wiki feature	Marc Laporte	4	2	8	<ul style="list-style-type: none"> • Feature request • Dogfood on a *.tiki.org site 		2008-06-05	2016-11-16	1 marclaporte-11 Aug 14
(0)	12.x & 13.x: Images stretched & skewed (in *.t.o sites and LTS production sites on svn)	Marc Laporte	8	9	72	<ul style="list-style-type: none"> • Regression • Release Blocker 		2014-07-23	2017-01-12	1 marclaporte-06 Aug 14
(0)	doc.tiki.org feature list (which is populated from trackers) is not appearing all the time	Marc Laporte	10 high	7	70	<ul style="list-style-type: none"> • Error • Support request • Dogfood on a *.tiki.org site • Regression 	Jonny Bradley	2013-05-31	2015-02-10	8 marclaporte-01 Dec 14
(0)	Fresh install of 13.0: theme admin panel: tabs with no possible options	Marc Laporte	8	8	64	<ul style="list-style-type: none"> • 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)	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
(0)	Table of content (TOC) - maketoc or autotoc - polluted ?	luciashd' being □	1 low		5	• Usability		2014-12-04	2018-06-08	1 Chealer9-08 May 18
(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
(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
(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
(0)	InterTiki doesn't update Last Login time	Marc Laporte	2	5	10	• Error • Dogfood on a *.tiki.org site		2007-07-19	2018-03-14	2 drsassafras-26 Feb 20

Other Closed

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Upgrade

Upgrading to Tiki13?

See notes here:

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

Pages linking to Tiki13

2 pages link to Tiki13

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

Alias

- [release process 13](#)

