

## Bugs & Wish list

Add Autoprefixer script to SCSS to CSS workflow in trunk/pre-Tiki19 | Tiki Wiki CMS Groupware :: Development

Add Autoprefixer script to SCSS to CSS workflow in trunk/pre-Tiki19

### Status

 Pending

### Subject

Add Autoprefixer script to SCSS to CSS workflow in trunk/pre-Tiki19

### Version

19.x

22.x

### Category

- Feature request

### Feature

Theme: Look & feel, Styles, CSS, Theme Control Center

### Resolution status

Please retest

### Submitted by

Gary Cunningham-Lee

### Volunteered to solve

Jonny Bradley

### Keep informed

Roberto Kirschbaum

### Lastmod by

Gary Cunningham-Lee

### Rating

★★★★★ (0) 

### Description

As pointed out by Brendan/drsassafras ([https://tiki.org/forumthread69192-CSS-Compatibility-Issues?topics\\_offset=14](https://tiki.org/forumthread69192-CSS-Compatibility-Issues?topics_offset=14)), the CSS files in trunk are missing vendor prefixes that Bootstrap 4 bootstrap.css normally has. This is because the Autoprefixer script isn't being used in Tiki's current stylesheets workflow. For better browser compatibility (so we aren't supporting only the latest browser versions), it would be good to integrate an Autoprefixer script in our workflow.

I found this script, which could be helpful: <https://github.com/vladkens/autoprefixer-php> . Or maybe there's another solution that works for the devs who compile SCSS to CSS.

Update: I added Release Blocker category to put this on the front burner. The solution doesn't have to be the script I found, but some solution is needed for Tiki 19 to have maximum browser support.

Update 3/16/2020: This isn't fixed in my local installation; I'd like us to have another look at it.

Update 9/22/2020: This seems to be less an issue as legacy Edge and IE browser usage declines. I can't test IE10 and other instances of vendor prefixes aren't critical. I'm removing the blocker category and changing the status to pending for now, and will check again when we update to Bootstrap 5.

## Solution

I added an issue on the scssphp project here - we shall see if that does any good. In the meantime i guess we have no other option but to add the js prefixfree package for now...

Seems that someone has made a PHP CSS prefixer that should work ok with leafo/scssphp compiler, some info was added here: <https://github.com/leafo/scssphp/issues/610#issuecomment-459274640> - looks worth trying, i will one day if no one else gets to it first ;)

## Workaround

I added the js prefix free lib to 19.x for testing in r68037

## Importance

8

## Easy to solve?

8

## Priority

64

## 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

6699

## Created

Wednesday 13 June, 2018 08:17:53 GMT-0000

by Gary Cunningham-Lee

## LastModif

Monday 21 September, 2020 16:22:58 GMT-0000

## Comments



Marc Laporte 03 Oct 18 12:19 GMT-0000

<https://tiki.org/forumthread70181-Autoprefixer-is-needed-for-Tiki-19>



Jonny Bradley 03 Oct 18 12:46 GMT-0000

From Marc on the devlist: <http://leaverou.github.io/prefixfree/>

This is a javascript lib which would do the "prefixing" client-side - it looks like a cheap option (every so easy to add, in fact we could add it on a tiki in the custom html pref) but i would prefer a server-side option if possible, ideally i think the SCSS compiler we're using should "just do it"! 😊



Jonny Bradley 16 Oct 18 14:23 GMT-0000

We tried to get prefixfree to work but i can't seem to test it even.  
I added  
"npm-asset/prefixfree": ">=1.0.0",  
to my vendor\_bundled/composer.json but it can't find it (it's only on asset-packagist.org, not packagist.org)  
  
Will have to try another day...



Gary Cunningham-Lee 16 Mar 20 05:51 GMT-0000

Sorry but what was the solution supposed to be for this issue? In a local branch 21, vendor prefixes are missing compared to the vendor/twbs/bootstrap/dist/bootstrap.css in the branch. (I'm testing the Bootstrap custom forms feature - .custom-select, etc. - with the required scss compiled in and so on, and moz and webkit vendor prefixes are needed to remove the default arrow gadget for those browsers.)  
  
Update: I realized Prefix CSS needs to be activated on [tiki-admin.php?page=features#contentadmin\\_features-interface](#), but even after turning this on, vendor prefixes aren't being added in my test site.

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/item6699-Add-Autoprefixer-script-to-SCSS-to-CSS-workflow-in-trunk-pre-Tiki19>