Bugs & Wish list

Malformed date syntax in tiki-calendar_nav.tpl | Tiki Wiki CMS Groupware :: Development
Malformed date syntax in tiki-calendar_nav.tpl

Status
● Open

Subject
Malformed date syntax in tiki-calendar_nav.tpl

Version
18.x
22.x
21.x Regression

Category
- Consistency
- Less than 30-minutes fix
- Easy for Newbie Dev
- Upgrade Blocker

Feature
Calendar

Resolution status
New

Submitted by
hman

Lastmod by
hman

Rating
★ ★ ★ ★ ★ (1) ❓

Related-to
- ● Calendar template tiki-calendar_nav broken

Description
In tiki-calendar_nav.tpl the display of calendar dates is formed (template), but in a IMHO rather bizarre mix of hard-coded and localizable syntax, which
a) does not make use and thus circumvents the existing user pref for date formats and
b) effectively makes correct localization impossible.

I quote from this template a code snippet:

{if $viewlist ne 'list' or $prefs.calendar_list_begins_focus ne 'y'} {if $calendarViewMode eq 'month'} {$daystart|tiki_date_format:"%B %Y"} {elseif $calendarViewMode eq 'week'} {* test display_field_order and use %d/%m or %m/%d *} {if ($prefs.display_field_order eq 'DMY') || ($prefs.display_field_order eq 'DYM') || ($prefs.display_field_order eq 'YDM')} {$daystart|tiki_date_format:"{tr}%d/%m{/tr}/%Y"} - {$dayend|tiki_date_format:"{tr}%d/%m{/tr}/%Y"} {else} {$daystart|tiki_date_format:"{tr}%m/%d{/tr}/%Y"} - {$dayend|tiki_date_format:"{tr}%m/%d{/tr}/%Y"} {/if} {else} {$daystart|tiki_date_format:"%B

%Y"} - {$dayend|tiki_date_format:"%B %Y"} {/if} {else}
{$daystart|tiki_date_format:"{tr}%m/%d{/tr}/%Y"} -
{$dayend|tiki_date_format:"{tr}%m/%d{/tr}/%Y"} {/if}

So there is some testing for localized date format, but it assumes that only the order of day and month may be swapped through translation? This only works inside the USA or partly in the UK. It does not work in Germany, and not in Japan and possibly conflicts with other countries as well.

Germany uses

```
%d.%m.%Y
```

Japan uses

```
%Y-%m-%d
```

Look at the peculiar coding in tiki-calendar_nav.php. To magnify, I have extracted one example that clearly shows the logical error in it:

```
{$dayend|tiki_date_format:"{tr}%d/%m{/tr}/%Y"}
```

The year was excluded from translation and also the slash that comes before the year (at least in the USA...). So the slash cannot be removed by custom.php, because it is outside the translation. And it would be even worse for a localization into Japanese, because of their year leading the date...

It would be far better if date format was used in the form of the user pref that exists! But for a faster "quick resolution" moving the %Y into the translation braces would do the trick, and later introduce the "proper" way... Thanks.

Importance
7
Easy to solve?
10 easy
Priority
70
Demonstrate Bug (Tiki 19+)
Please demonstrate your bug on show2.tiki.org

Version: trunk ▼

Demonstrate Bug (older Tiki versions)
Please demonstrate your bug on show.tikiwiki.org

Version: 18.x ▼

Ticket ID
    7412

Created
    Wednesday 08 July, 2020 15:38:47 GMT-0000
    by hman

LastModif
    Sunday 14 February, 2021 09:22:28 GMT-0000

Comments

hman 08 Jul 20 15:42 GMT-0000

Again, "not found" when trying to edit my bugreport...

hman 13 Jul 20 10:05 GMT-0000

Looks like I can edit again! I think I have missed the green button "Continue", that was presented to me, and I did not realize that this was the cookie acceptance I needed to click... (Btw., not very GDPR, but I don't mind).

hman 10 Sep 20 14:54 GMT-0000

Wrote a workaround. I'll attach it to the other bug report that I opened on calendar_nav template. And I'll link the the two bug reports.

hman 12 Feb 21 09:26 GMT-0000

This very same broken code is also in Tiki 22.1! I wonder if anyone has ever tested this code who lives outside the US or the UK? This needs to be rewritten. The very concept of the code is flawed from the beginning.

Do not use tra() for localizing dates. Ever. There is a pref to do that, and that is the only proper place. And, if you insist on using tra(), then pass the entire date, and not just pieces! See my above examples of how different countries use vastly (!) different concepts of writing dates!

You can only avoid display trouble by using the pref, thereby putting correct format in the hands of the site administrator, where it belongs.

Attachments

filename	created	hits	comment	version	filetype

No attachments for this item

The original document is available at
https://dev.tiki.org/item7412-Malformed-date-syntax-in-tiki-calendar_nav-tpl