

## Bugs & Wish list

Accounting: Illogical decimal separators | Tiki Wiki CMS Groupware :: Development

Accounting: Illogical decimal separators

### Status

✖ Closed

### Subject

Accounting: Illogical decimal separators

### Version

18.x

### Category

- Consistency
- Less than 30-minutes fix
- Bug
- Easy for Newbie Dev

### Feature

Accounting

### Resolution status

Won't Fix

### Submitted by

hman

### Lastmod by

hman

### Rating

★ ★ ★ ★ ★ (0) ?

### Description

/lib/core/Tracker/Field/Computed.php says "This feature is still in place for backward compatibility. While it has no known flaws, it could be used as a vector for a malicious attack. A webservice field or custom JavaScript is recommended instead of this field.". Well, I know a flaw 😊

Look at lines 46 and 53:



```
'dec_point' => [ 'name' => tr('Decimal separator when displaying data'), 'description' =>
tr('Single character. Use "c" for comma, "d" for dot or "s" for space. The valid decimal separator
when inserting numbers may depend on the site language and web browser. See the
documentation for more details.'), 'filter' => 'text', 'default' => '.', 'legacy_index' => 2, ],
'thousands' => [ 'name' => tr('Thousand separator when displaying data'), 'description' =>
tr('Single character: use "c" for comma, "d" for dot or "s" for space. When inserting data, no
thousands separator is needed.'), 'filter' => 'text', 'default' => ',', 'legacy_index' => 3, ],
```

Well, use c for comma or d for dot or s for space. Well. But the defaults are "." and "," 😊 Whoever wrote the description did not write the defaults 😊

### Solution

"still in place for backward compatibility" means the next step is deleting it.

Importance  
6

Easy to solve?  
10 easy

Priority  
60

Demonstrate Bug (Tiki 19+)

Please demonstrate your bug on [show2.tiki.org](https://show2.tiki.org)

Version: `trunk` ▼

Demonstrate Bug (older Tiki versions)

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

Version: `18.x` ▼

Ticket ID  
7485

Created  
Sunday 09 August, 2020 17:29:12 GMT-0000  
by hman

LastModif  
Monday 10 August, 2020 09:57:32 GMT-0000

## Comments



hman 09 Aug 20 17:33 GMT-0000

Same error in `/lib/core/Tracker/Field/numeric.php`, lines 63 and 75 🤔

Also, the question is, why aren't the prefs used that exist for that? They are not even used as a default...



hman 09 Aug 20 17:56 GMT-0000

More curiosities in `/templates/tiki-accounting_books.tpl`



```
<label class="control-label col-md-4">{tr}Decimal point{/tr}</label> <div class="col-md-8">
<select class=" form-control" name="bookDecPoint" id="bookDecPoint"> <option value="," {if
$bookDecPoint eq ','}selected="selected"{/if}>{tr}Comma{/tr}</option> <option value="." {if
empty($bookDecPoint) or $bookDecPoint eq '.'}selected="selected"{/if}>{tr}Decimal{/tr}</option>
<option value=" " {if $bookDecPoint eq ' '}selected="selected"{/if}>{tr}Space{/tr}</option>
</select> </div>
```

if `$bookDecPoint eq ','` If point equals comma 🤔 Devs, you will confuse yourself unnecessarily if you call the decimal separator a point. In many languages it is a comma (and in turn, the thousands separator is

a point).



```
<div class="col-md-8"> <select class=" form-control" name="bookThousand" id="bookThousand" >
<option value="," {if empty($bookThousand) or $bookThousand eq
','}selected="selected"{/if}>{tr}Comma{/tr}</option> <option value="." {if $bookThousand eq
','}selected="selected"{/if}>{tr}Decimal point{/tr}</option> <option value=" " {if $bookThousand
eq ' '}selected="selected"{/if}>{tr}Space{/tr}</option> </select> </div>
```

A decimal point can never be a thousands separator, not even in US English 😊 And you make life of your translators REALLY hard with that kind of stuff, given the fact, that tra() only translates strings by pattern matching, without any regard for context!



hman 11 Aug 20 16:29 GMT-0000

"still in place for backward compatibility" was written two years ago, and it's still there, and meanwhile is un-translatable (at least not in a manner that one can understand). It also mentions "A webservice field or custom JavaScript is recommended instead of this field.", but I cannot see any of those two... And let me guess, the feature is still there in 21 and in trunk, am I guessing right?



Jonny Bradley 11 Aug 20 16:41 GMT-0000

Thanks, please feel free to update any documentation you find to be incorrect or not useful.



hman 11 Aug 20 22:52 GMT-0000

Just call points "point" and not "decimal point" and commas "comma.". A decimal point can only be one (of two possible) decimal separators and nothing else, while a point can be both a decimal separator and/or a thousands separator, you see? You cannot expect a user working in a language with decimal separator=comma and thousands separator=point to select "decimal point" as a thousands separator..

## Attachments

filename	created	hits	comment	version	filetype
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No attachments for this item

