Shopping Cart does not handle decimal prices

Description
Using the Shopping Cart profile on a fresh 12.1 SVN installation.

The shopping cart fails to recognize decimals, e.g. $2.50, in the product price.

Using the minicart NaN values sometimes occur. This may be the same problem.

After some more investigation, this may be a bug in the tracker loader for numeric fields.

My local system (Windows 7) is configured to use , (comma) as the decimal separator. It seems like the data loaded through the unified search, to fill the product list, uses the local machine definition, i.e. 0.55 is loaded as 0,55

I have not been able to locate the source for this.
Please demonstrate your bug on show2.tikiwiki.org

Version: trunk

Create show2.tikiwiki.org instance

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Comments

Xavier de Pedro 20 Apr 14 10:36 GMT-0000

Hi Arild, see this that I wrote long ago at the docs:

" Please note:
This field affects just the display of numbers from Tiki to the user once they are
already saved in the tracker, but NOT the way they have to be inserted through the
browser into Tiki. The valid decimal separator when inserting numbers may depend
on site language and web browser: Firefox and IE9 seem to accept only dots (.), while
Chrome, Opera and Safari only commas (,).
"

Do you see different behavior when using the other set of browsers?

Arild Berg 20 Apr 14 11:04 GMT-0000

I did a test using FireFox, Opera, Chrome and IE.
All should be the latest version, and all have the same problem.

I added the product "chips" under a new "Snacks" category.
Price: 0.55
Added directly in the tracker, and the tracker correctly adds 0.55 to
the database.

... I will try to switch the system decimal point definition to see if it
has an effect.

Arild Berg 20 Apr 14 11:25 GMT-0000

I did a test changing the system decimal point to .
This had no affect. The error is still there in all browsers.

Will try to setup a show instance.

A show instance has been created, and it works fine there.

Hi, i'm a bit lost - what's the problem? And where?
Are you talking about mini-cart or the tiki-cart?
And is it dot separators (as on the show instance) or commas?

The problem is on the products page after running the Shopping Cart profile.
The listed prices looses the decimals.
It runs on show, which is Linux.
I am running IIS. Maybe that causes a problem.
Hi Arild, can you test in 15.x? (maybe that's fixed there, since there were improvements over the last 2 years?)
Thanks!

The original document is available at
http://dev.tiki.org/item5190-Shopping-Cart-does-not-handle-decimal-prices