

Shopping Cart

New to Tiki5

We now have a basic [Cart](#)

What

The plan is to build a lightweight, basic e-commerce system in TikiWiki by making good use of existing features and by adding a few things. E-commerce is was one of the rare [Use Cases](#) not addressed by Tiki until [Tiki5](#). Please read Skype log below for debate/discussion.

A typical use will be a mostly informational website to sell a few products & services.

- Selling registration to various packages for events. (Ex.: day 1 package, day 2 package, full event package)
- Selling memberships (Ex.: 1 year, 3 year, etc.)
- Selling a few dozen products (books, software downloads, etc)

For this, the overhead of a full-featured shopping cart like ZenCart is not necessary.

Wishes

For Shopping Cart and Payments.

Open & Pending

Rating	Subject	Submitted by	Importance	Easy to solve?	Priority	Category	Volunteered to solve	Created	LastModif	Comments
● ★★↓ ↓★★★ ★★★ ↓★★★ ★★★ ↓★★★ ★★★ ↓★★★ ★★★ ↓★★★ ★★★ (0) ⓘ	Completely wrong feature description in /lib/prefs/payment.php	hman	6	10 easy	60	• Consistency • Bug		2020-08-09	2020-08-09	0
● ★★↓ ↓★★★ ★★★ ↓★★★ ★★★ ↓★★★ ★★★ ↓★★★ ★★★ ↓★★★ ★★★ (0) ⓘ	Has anyone seen/tested BobShop?	hman	6	10 easy	60	• Documentation (or Advocacy)		2022-01-15	2022-02-04	2 hman-15 Jan 22
● ★★↓ ↓★★★ ★★★ ↓★★★ ★★★ ↓★★★ ★★★ ↓★★★ ★★★ ↓★★★ ★★★ (0) ⓘ	Payment: Links to products purchased point wrong	hman	5	10 easy	50	• Bug		2020-06-15	2020-07-01	3 hman-01 Jul 20

Rating	Subject	Submitted by	Importance	Easy to solve?	Priority	Category	Volunteered to solve	Created	LastModif	Comments
● ★★½ ½★★ ★★½ ½★★ ★★½ ½★★ ★★½ ½★★ ★★½ ½★★ (1) ⓘ	PayPal dialog should be localized	hman	5	10 easy	50	• Feature request		2020-09-05	2020-09-05	0
● ★★½ ½★★ ★★½ ½★★ ★★½ ½★★ ★★½ ½★★ ★★½ ½★★ (0) ⓘ	CART needs currency support	hman	10 high	4	40	• Feature request		2022-05-23	2022-05-23	0
● ★★½ ½★★ ★★½ ½★★ ★★½ ½★★ ★★½ ½★★ ★★½ ½★★ (0) ⓘ	Plugin Relation By Views / "Other users also read" likewise to "Customers also bought"	heb	7		35	• Feature request		2010-10-04	2010-10-04	1 marclaporte-16 Apr 12
● ★★½ ½★★ ★★½ ½★★ ★★½ ½★★ ★★½ ½★★ ★★½ ½★★ (0) ⓘ	Fatal error in Tiki credits upon payment	hman	7	5	35	• Bug		2020-09-05	2020-09-05	0
● ★★½ ½★★ ★★½ ½★★ ★★½ ½★★ ★★½ ½★★ ★★½ ½★★ (0) ⓘ	Please add SEPA request to pay	hman	7	5	35	• Feature request		2022-03-20	2022-03-20	2 hman-30 Jul 22
● ★★½ ½★★ ★★½ ½★★ ★★½ ½★★ ★★½ ½★★ ★★½ ½★★ (1) ⓘ	Bind group expiry (and other trigger conditions) with group transition for an easier membership mangement	Xavier de Pedro	6	5	30	• Feature request		2016-05-27	2016-05-27	0

Rating	Subject	Submitted by	Importance	Easy to solve?	Priority	Category	Volunteered to solve	Created	LastModif	Comments
● ★★ ★★ ★★ ★★ ★★ ★★ ★★ ★★ ★★ ★★ (1) ⓘ	Shopping Cart does not handle decimal prices	Arild Berg			25	• Error		2014-04-19	2014-04-19	7 xavi-30 Jun 16
● ★★ ★★ ★★ ★★ ★★ ★★ ★★ ★★ ★★ ★★ (1) ⓘ	Payment system: Manual entry completely ignores all non-integer values	hman	5	5	25	• Bug		2020-05-06	2020-06-01	7 hman-15 Jun 20
● ★★ ★★ ★★ ★★ ★★ ★★ ★★ ★★ ★★ ★★ (1) ⓘ	Payment: Paypal sandbox dysfunctional	hman	5	5	25	• Error		2020-05-11	2020-05-11	2 hman-06 Feb 21
● ★★ ★★ ★★ ★★ ★★ ★★ ★★ ★★ ★★ ★★ (0) ⓘ	Cart Products is not a backlink for Product	hman	5	5	25	• Consistency		2020-07-01	2020-07-01	0
● ★★ ★★ ★★ ★★ ★★ ★★ ★★ ★★ ★★ ★★ (0) ⓘ	Wikiplugin, memberpayment; The period tooltip is not consistent with available options	Bernard Sfez / Tiki Specialist	5	5	25	• Regression • Consistency • Developer Training • Easy for Newbie Dev		2022-01-26	2022-11-25	0
● ★★ ★★ ★★ ★★ ★★ ★★ ★★ ★★ ★★ ★★ (0) ⓘ	Add a payment interface for Klarna to payment/cart	hman	6	4	24	• Feature request		2021-04-01	2021-04-01	2 hman-01 Apr 21

Rating	Subject	Submitted by	Importance	Easy to solve?	Priority	Category	Volunteered to solve	Created	LastModif	Comments
● ★★☆☆ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ (0) 🗨	Add a payment interface for Payone to payment/cart	hman	6	4	24	• Feature request		2021-04-01	2021-04-01	0
● ★★☆☆ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ ★★★★ (0) 🗨	Improve Shopping Cart / ecommerce / online orders to become a multi-sided platform (marketplace / classified ads / rental management)	Marc Laporte	5	2	10	• Feature request		2008-06-04	2018-11-27	0

Closed

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Who & What

- Marc Laporte, requirements & testing
- Sylvie Greverend, coding
- Nelson Ko
- Robert Plummer

Details

Basic online ordering functionality for a Tiki-powered site can be seen at reseau-environnement.com. Wiki pages are used for product information and the tracker forms are filled thanks to [PluginTrackerPrefill](#). Also, some rewrite-rules were used to handle https. It's sufficient for this project but it's clunky. And it only works for single item shopping. There is no connection to a payment gateway. No calculated totals.

There are some efforts underway for a full-fledged integration with ZenCart. This will be the option for people with more advanced e-commerce needs (upsell / cross-sell, multiple currencies, inventory, discounts, etc.) and it will require more work to install and maintain.

We need something better than the forms we have but not to the level of a standalone shopping cart.

Plan

For the new lightweight Tiki Cart or (Tiki Commerce?), from current code base, we'll use:

- User trackers for profiles (name, phone number, ship to address, bill to address, etc).
- [trackers](#) to manage products, with categories and filters
- Wiki pages for products which include structured data from trackers, and use nice template (editable as a wiki page).
- As suggested by Alain (on the Skype chat), only ask to fill out profile after the order is ready to go.
- To keep things simple, there would be an address (maybe 2 since sometimes, *bill to* is different than *ship to*) in the user profile, and this info would be used at the time of the order (and thus recorded with the order)
- tiki-cart.php should be not only to add items to a shopping cart, it should also be more generic to add items to other batch actions (ex.: print all wiki pages in cart, mass delete all these pages, mass watch

all these pages, etc)

Needed:

- "Add to cart" button in wiki pages
- A [simple cart](#) like [this](#)
- better https handling
- link to [PayPal](#) and Google Checkout
- Email confirmations

Nice to have:

- Order logging
 - For sure, a copy of the order will be sent out by email (to site administrator and to the customer).
 - If we use Paypal, a copy of the info will be logged in Paypal. However, for b2b, payment will not be handled. So it would be nice to have a Web interface to check previous orders. Users should be able to access this from their user profile.

A full shopping cart would be the next step.

- [VirtueMart features](#) (for Joomla!). Tom Aratyn likes it.
- [Zen cart features](#)

In Tiki7 and Tiki 8

CitadelRock working on new tracker based cart

[Shopping Cart Tiki7](#)

Considerations for Tiki 9

Handling of cart payment validity period and abandoned carts

Jonny and I was having a short discussion about this.

When the original payments system was created it was more in the context of requesting a payment from some other user, hence the payment delay (before it becomes overdue) was set to days that made sense. However, for a cart situation, it does not make sense that the user can have the whole day to pay for his order.

To change the interval from days to minutes is easy enough in the code, simply to change "DAY" to "MINUTE" in the query in `request_payment()` in `lib/payment/paymentlib.php`. However this function is called not only from `cartlib`. It is called from a bunch of other places as well, and to add "* 1440" in all these other places is not a clean solution. So it seems best to be to change the pref to support minutes as well. But this is too late for 8.x now we will do it in trunk.

The other thing I had tried to make the payment system more cart like is to run a cron job that runs every 5 minutes that checks if there are any overdue requests. If so, it cancels them, thus reinstating the inventory and all that since the "cancel_cart_order" behavior executes when the payment request is

cancelled... This isn't critical if you are not keeping track of inventory I suppose, but cancelling overdue payment requests does make sense anyway otherwise you will have a whole bunch of them sitting around after a while, and it means shoppers can still come back and pay even if it's overdue (which is kind of weird in a cart situation). Another thing for trunk.

The cron job:

```
if(PHP_SAPI_NAME() != 'cli') {
    die;
}
require_once ('tiki-setup.php');
global $paymentlib;
require_once ('lib/payment/paymentlib.php');
global $perms;
$perms->setGroups( array('Admins') );
$overdue = $paymentlib->get_overdue(0, -1);
foreach($overdue['data'] as $ov) {
    $paymentlib->cancel_payment( $ov['paymentRequestId'] );
}
```

This is also not yet committed. Is there some new fancy cron things in Tiki that can do this kind of thing? Timed events? Also, theoretically, payment system could be used for not just the cart on a particular Tiki, and so different handling logic for different overdue payments could be needed.... in the case of cart, to cancel it, or in other cases sending reminders perhaps?

Just some things to think about.

Nelson.

Related links

- [Shopping Cart Tiki7](#)
- [Accounting](#)
- [Credits](#)
- [Payment](#)
- [Payments Pro](#)
- [PayPal Subscription](#)
- [Community Currencies](#) take2: see CCLite integration with OsCommerce

Please also see:

- [Review of 9 open source e-commerce platforms](#)
- [PayPal Shopping Cart Integration](#)
- [Shopping Cart / ecommerce / online orders](#)
- [Comparative chart of ecommerce solutions \(French\)](#)
- <http://www.treasurechestcart.com>
- <http://www.instinct.co.nz/e-commerce/>
- <http://www.briggs.net.nz/log/projects/yak-for-wordpress/>

Skype chat log 2008-06-11

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See also

- [Multi-sided platform](#)
- [Auction](#)

Alias

- [Cart or Carts](#)
- [Shopping Carts](#)
- [Commerce, E-Commerce, or ECommerce](#)