

Community Currencies (CC)

This feature has been introduced in [Tiki6](#), and it allows to use community-defined currencies to support trading within Barter Networks using a community-trust based [Payment](#) system.



In its current design it requires an external free software package called **CCLite** to handle the transactions out of tiki. This is intentional, since the goal is that not only Tiki-based sites but also other Content Management Systems (Elgg, Joomla, Drupal, ...) can use the same CCLite installation to support intertrading among communities and softwares.

Basic Terminology

- "Registry": Barter Network

1.1. Tiki/Cclite Installation Instructions

1.2. Basic configuration (Tiki side)

You have to select CCLite as the payment system (done by the "Barter_Market" profile for you).

Payment
☒ **Payment** ⓘ

Choose payment system
You can only use one payment PayPal or Cclite
Only PayPal is working at the moment. See [PayPal.com](#)
Cclite: Community currency accounting for local exchange trading systems (LETS). See [sourceforge.net](#)

Payment System: **Cclite** ⓘ
PayPal: see [PayPal.com](#) - Cclite: Community currency
Requires **Payment** (OK)

Currency: **ECO** ⓘ

Default acceptable payment delay: **30** ⓘ days

Wiki page containing the instruction to send manual payment like check:
 ⓘ
Requires **Payment** (OK)

Then you have to provide the details for the CCLite installation, so that Tiki and CCLite can talk to each other properly. See an example below:

Cclite

 Experimental

Cclite is for creating and managing alternative or complementary trading currencies and groups
6

Cclite Registries:



Registry names in Cclite

Requires **Payment** (OK)

Cclite Registry Currencies:



Each registry in Cclite can have it's own currency. Must be one per registry. (case sensitive)

Requires **Payment** (OK)

Cclite Server URL:

<https://cclite.yourdomain.org/cclite/> 

Requires **Cclite Registries** (OK)

Cclite Merchant User:



Requires **Cclite Registries** (OK)

Cclite Merchant Key:



Requires **Cclite Registries** (OK)

Cclite Enable Payments:




Requires **Cclite Registries** (OK)

Hashing Algorithm:



Requires **Cclite Registries** (OK)


☒ Cclite Payment Notification 

Requires **Cclite Registries** (OK)

1.3. Basic configuration (CCLite side)

You have to provide some details for your basic cclite installation (See the CCLite manual).

And then, each registry that you create, needs to have some basic details also, which comprise a registry name, description, email, among others (*to be continued*):



Show Registry Balances

Create Rule/Credit Limit

Create Registry Partner

Upload Batch Files

Apply Service Charge

Open Office Directory

Create Batch Dirs

Modify c2c1

search users

search ads

search trades

[User Menu](#) | [Partners](#) | [Create Currency](#) | [Show Currencies](#) | [Create Ad Ca](#)

Registry Name

Registry Description

Manager Email

Manager Email Password

Email for Batch Transactions

Batch Email Password

Global Commitment Limit

Merchant Key

Allow Merchant from IP addresses (space separated list)

Update Latest News

c2c1

Barter Network for 'Cornellà de Dalt'

cclite@yourdomain.com

••••••••

cclite@yourdomain.com

••••••••

100

1212121212

127.0.0.1 11.222.3.44

Note the registry must declared as an ODBC driver under Windows.

Go Cancel

1.4. Usage

The usage is pretty intuitive, once the profile "Barter Market" is applied to your Tiki installation.

You have a list of items offered or wanted shown in a page, and you select one of them. Then you have the option to:

- give the amount (in the community currency specified in the item) to person offering it, in order to close the transaction
- get in contact with that user first, to agree on details or state of that item offered or requested.

[Home](#)

[About](#)

[Calendar](#)

[Forums](#)

[Files](#)

[Help](#)

Offering

bread

my nice bread with seeds. Mmmm, delicious! 😊



Price: 15

Transfer 15.00 ECO to xavi for *bread* (offer# 10)

Buy now!

- [Add comment about this offer](#)
- [Watch for changes or comments by others about this offer](#)

Once you click on the button "**Buy now**", you, you initiate a payment request, which you can pay with CCLite or by other means such as plain barter in exchange of some other good or service, etc. If you want to trade with CCLite-based community currency, you can click on the button "**Trade with CCLite**".

Offering

bread

my nice bread with seeds. Mmmm, delicious! 😊

Price: 15

Transfer 15.00 ECO to xavi for "bread" (offer# 10)

Status: **outstanding**

Initial amount: 15.00 ECO

Amount remaining: **15.00 ECO**

Payment request was sent on 2010-08-04 and is due by 2010-09-03.

Trade with Cclite

- [Add comment about this offer](#)
- [Watch for changes or comments by others about this offer](#)

This will initiate the payment, provided that you have enough amount in that currency in you CCLite account. In such case, you'll see a message saying "Transaction accepted" followed by some code ("Ref: XXXX...."):

Transfer 15.00 ECO to xavi for "bread" (offer# 10)

Status: **outstanding**

Initial amount: 15.00 ECO

Amount remaining: **15.00 ECO**

Payment request was sent on 2010-08-04 and is due by 2010-09-03.

Refresh page

 **Payment info**

Cclite payment initiated on 2010-08-04 [20:39]
Transaction Accepted
Ref: RFXJolhXMNveBleXITvNsWybJBw

- [Add comment about this offer](#)
- [Watch for changes or comments by others about this offer](#)


If the user is not registered in the CCLite site, a some message will be shown indicating it (for user "test" in this example below):

Refresh page

 **Payment info**

Cclite payment initiated on 2010-08-04 [20:23]
Connection to cclite server <http://c2c.ourproject.org> failed for test
"login failed for test at c2c1:"

The previous successful transaction will be recorded also in the CCLite side, at the "**Transactions**" sections, once logged as manager or user with enough rights:



[Admin Menu](#) | [Forgotten Password?](#) | [Deutsch](#) | [Français](#) | [New Account](#) | [Modify](#)

You are managing

[Log off](#)

Payment

Split Payment


Transactions


Balances


Goods/Services

My Ads

Place Ad







Pages

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

Found 254 all in Trades

display ok noId

Status

Date

Source

Destination

Mirror

Currency

Type

Amount

Show

254

accepted

2010-08-04

folly

xavi

c2c1

ECO

debit

15

Show

253

accepted

2010-08-04

folly

xavi

c2c1

ECO

credit

15

Show

252

accepted

2010-07-28

xavibest

jonnybradley

c2c1

ECO

debit

51

Show

251

accepted

2010-07-28

xavibest

jonnybradley

c2c1

ECO

credit

51

Show

250

accepted

2010-07-28

xavibest

xavi

c2c1

ECO

debit

100

Show

249

accepted

2010-07-28

xavibest

xavi

c2c1

ECO

credit

100

Show

248

accepted

2010-07-28

jonnytesting

folly

c2c1

ECO

debit

2

Show

247

accepted

2010-07-28

jonnytesting

folly

c2c1

ECO

credit

2

Show

246

accepted

2010-07-23

admin

folly

c2c1

ECO

debit

2

Show

245

accepted

2010-07-23

admin

folly

c2c1

ECO

credit

2

Show

244

accepted

2010-07-23

admin

jonnybradley

c2c1

ECO





debit

1

As seen in this detailed image, the last rows correspond to the recent transaction that we have seen in the previous images from the linked Tiki site:

Pages 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 Found 254 all in Trades display ok noId Status Date Source Destination Mirror Currency Type Amount																	
Show		254 accepted 2010-08-04 folly xavi c2c1 ECO debit 15															
Show		253 accepted 2010-08-04 folly xavi c2c1 ECO credit 15															

If we click in the "Show" button in CCLite, we will see the full details of that transaction, as stored in the CCLite server:

		Admin Menu * Forgotten Password?	
Payment Split Payment Transactions Balances Goods/Services My Ads Place Ad		From folly Description To xavi Title Type debit Date 2010-08-04 Item Time Stamp 2010-08-04 20:39:27 To Registry c2c1 Status accepted Currency ECO Amount 15 Trade Reference RFXJoIhXMNveBleXiTvNsWybJBw	
<input type="text" value="search users"/>  <input type="text" value="search ads"/>  <input type="text" value="search trades"/> 		Online research 1 offered	

For more information for the time being, you can see it in action at <http://c2c.ourproject.org/tiki>

1.5. Add a new barter node to the network

The process to have a new node added to the network is:

1. Install Tiki (if not done already), and [apply](#) the [Barter profile](#)
2. Request the Merchant ID to the CCLite admin, and update your Tiki payment configuration
3. Send to the CCLite admin the ip of the server where your Tiki is installed, in order to have it added to the cclite configuration.
4. Create users with the same username in the CCLite installation as they have in the Tiki site (in the future, this will be more flexible)
5. Let the users create their offers and wants in the tiki site.
6. Let them trade through cclite

Todo:

1. Show the list of transactions and status of the budget for users in their userpages
2. Show the list of items offered and wanted (as open, pending, closed) in their user pages.

1.6. Links

Profile to easily customize your Tiki6 site to work supporting Barter Networks:

- http://profiles.tiki.org/Barter_Market

Related pages and sites:

- <http://intercanvis.net>

Development sites:

- <http://c2c.ourproject.org>
- <http://dev.tiki.org/cc>

CCLite:

- Sourceforge page: <http://sf.net/projects/cclite>
- Author's page: <http://www.hughbarnard.org/?q=node/3>
- Email list: <http://groups.google.co.uk/group/cclite>

Former implementation of CC in Tiki:

- [Mod cc](#)
- <http://cc.tiki.org>

Aliases

[CC](#) | [CommunityCurrencies](#) | [CommunityCurrency](#) | [Community Currency](#) | [CCLite](#)