

# Credits

Credits are a way for Tiki users to have different stored value types of credits. They can be points, tokens, hours, minutes, numbers of uses of something, etc. This feature comes with an API to add and use credits for each user. Somehow, it implies having the ability to define and use multiple currencies within a single Tiki site, similarly to what can be achieved with Community Currencies linked to a CCLite server, which allows using those multiple currencies with other sites (intertrading), sites which can be powered by Tiki or other CMS/Softwares, such as Joomla, Drupal, Elgg, etc.

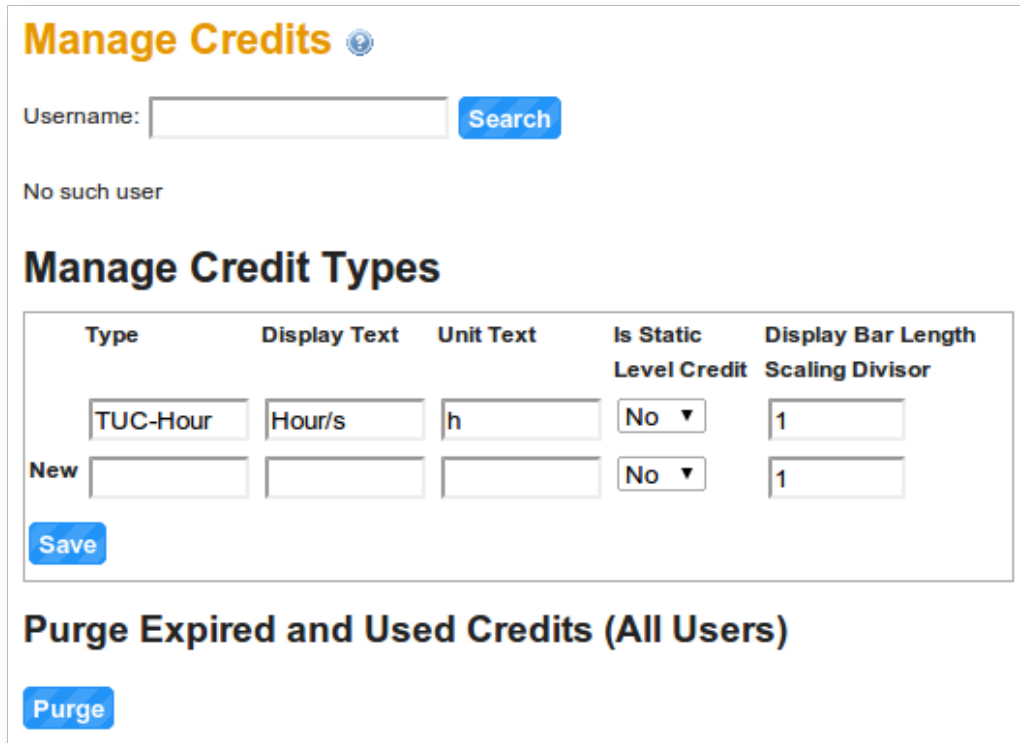
# Credit Details

Credits have a few characteristics:

- Credits have expiry dates and validity periods.
- Admins can configure different credit types and you can have different credit types for different sites

# Admin Credits

- The admin panel for this feature is at **tiki-admin\_credits.php**



The screenshot shows the 'Manage Credits' admin panel. At the top, there's a search bar for 'Username' with a 'Search' button. Below it, a message says 'No such user'. The main section is titled 'Manage Credit Types' and contains a table with columns: 'Type', 'Display Text', 'Unit Text', 'Is Static Level Credit', and 'Display Bar Length Scaling Divisor'. The table has two rows: one for 'TUC-Hour' and one for 'New'. Each row has input fields for 'Display Text', 'Unit Text', and 'Display Bar Length', and a dropdown for 'Is Static Level Credit'. A 'Save' button is at the bottom left of the table. Below the table, there's a section titled 'Purge Expired and Used Credits (All Users)' with a 'Purge' button.

**Manage Credits** ?

Username:

No such user

**Manage Credit Types**

Type	Display Text	Unit Text	Is Static Level Credit	Display Bar Length Scaling Divisor
TUC-Hour	<input type="text" value="Hour/s"/>	<input type="text" value="h"/>	<input type="text" value="No"/>	<input type="text" value="1"/>
New	<input type="text"/>	<input type="text"/>	<input type="text" value="No"/>	<input type="text" value="1"/>

**Purge Expired and Used Credits (All Users)**

- You also need to define which TUC types are allowed in the tiki site, through "**Admin home > Payments > Tiki User Credits**" (tiki-admin.php?page=payment):

Payment System: **Tiki User Credits** ⓘ ↻  
*PayPal: see PayPal.com - Cclite: Community currency*  
 Requires **Payment** (OK)

Currency: **€** ⓘ ↻

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

Wiki page containing the instruction to send manual payment like check:  
 ⓘ

Requires **Payment** (OK)

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PayPal

Cclite

Tiki User Credits

Types of credit to use:  
 ⓘ  
 Requires Payment (OK)  
 Requires Tiki User Credits (OK)

Exchange rate for types of credit to use:  
 ⓘ  
 Requires Payment (OK)  
 Requires Tiki User Credits (OK)

- Credits are used in the order of the earliest expiration date. Credits with no expiration date are used last.

Some definitions (useful for the admin panel):

## ⓘ Admin panel details

### Static Level Credits

These are credits such as "storage" where the credit is **not** permanently used up when they are used. Instead, they can be restored. e.g. the user has used 500/2000 mb of storage.

### **Scaling divisor**

This is used to reduce the length of the bar shown in Module credits for a certain credit type. For example, some credits may have units in the thousands when others are in tens. The former will end up having a very long bar compared to the other credit unless the divisor is set to a larger number.

### **Expiration date**

If there is no expiration date, the credits last forever until they are used.

### **A Plan**

A block of credits that have an expiration date can be considered a plan, especially if they are created with fixed intervals, e.g. monthly plans.

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# Credits page for non-Admin users (coming in Tiki 26)

Users can see their own credits in this page: **tiki-user\_credits.php**

# Add credits to users

You add credits to users through `tiki-admin_credits.php?userfilter=username` (being username the name of the user;

**Manage Credits** ⓘ

Username:

Type	Creation Date (YYYY-MM-DD HH:MM:SS)	Expiration Date (YYYY-MM-DD HH:MM:SS)	Used (level credits always 0)	Total
<input type="checkbox"/> TUC-Hour	2010-09-24 10:00:00	2010-09-25 23:55:00	0	20
<input type="checkbox"/> TUC-Hour	2010-10-01 10:00:00	2010-10-02 23:55:00	0	20
New <input type="text" value="TUC-Hour ▼"/>	<input type="text"/>	<input type="text"/>	0	<input type="text"/>

**User Credits Expiry Summary (Plans)**

User Plan	Start of Latest Plan	Start of Next Plan	Expiry
TUC-Hour	2010-09-24 10:00:00	2010-10-01 10:00:00	2010-10-02 23:55:00

which you can type in the username search box

An admin can also set that a user has already consumed some of that set of allocated credits:

**Use User Credits**

Use:

Amount:

And a report on the historical usage can be shown also:

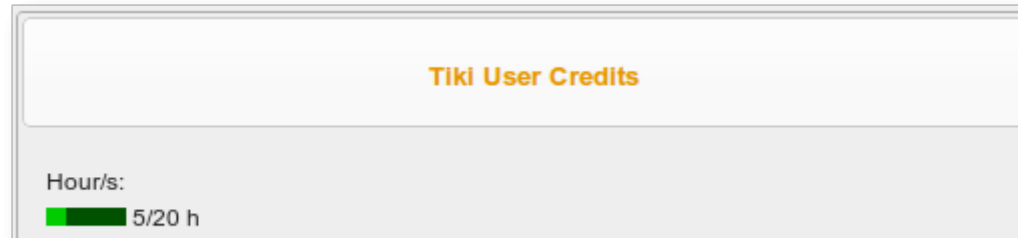
## Historical Usage Report

August ▾	26 ▾	2010 ▾	all types ▾	filter
September ▾	25 ▾	2010 ▾		
Type		Usage Date		Amount Used
TUC-Hour		25-09-2010 15:31:26		5

# Use Credits

You can pay invoices of Tiki Payments using Tiki User Credits.

The credits that a user has left can be seen at any time by means of the module Module credits:



# Developer Tips

You could make use of functions in `lib/credits/creditlib`:

function `useCredits` to use up credits and function `addCredits` to add credits for users. Also use `getCredits` to get a user's credit information, and `getScaledCredits` which extends `getCredits` with more human readable information.  
alias

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