

# ÃÄ¬Ã«Ä ^Ã«"Ä§

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Ã«Ä°Ã«Ä²·Ã¬ž...Ã««^Ã««Ä¸. Ã¬Ä'Ã«Š" Ã¬Ä Ã¬^~ , Ã†Ä ÃÄ°, Ã¬«œÃÄ°,,, Ã«Ä¶,,, Ã¬-Ä'Ã«-Ä¸ Ã¬,Ä¬Ã¬šÄ© ÃšœÃ¬^~ , ÃÄÄ,Ä°Ãf Ã«"Ä±Ã«"Ä±Ã¬Ä' Ã«Ä Ã¬^~ Ã¬ž^Ã¬šÄµÃ««^Ã««Ä¸. Ã¬Ä' ÃÄÄ,Ä°Ã«ŠÄ¶Ã¬€ ÃÄ° Ã¬,Ä¬Ã¬šÄ©Ã¬žÃ¬— Ã«œ€Ã·~Ã¬—Ä¬Ã-Ä¬Ã«Ä ^Ã«"Ä§Ã¬,, Ã¬Ä¶"ÃÄ°€Ã·~ÃÄ³Ä Ã¬,Ä¬Ã¬šÄ©Ã·Ä API Ã¬™€ Ã·Ä"ÃÄ»~ Ã¬Ä œÃÄ³ÄµÃ«Ä©Ã««^Ã««Ä¸.

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 is a search bar for a user, with the text 'No such user' displayed below it. The main section is titled 'Manage Credit Types' and contains a table with five 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'. Below the table is a 'Save' button. At the bottom of the panel, there is a section titled 'Purge Expired and Used Credits (All Users)' with a 'Purge' button.

Type	Display Text	Unit Text	Is Static Level Credit	Display Bar Length Scaling Divisor
TUC-Hour	Hour/s	h	No ▾	1
New			No ▾	1

- 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:  ⓘ ↻  
PayPal: see PayPal.com - Cclite: Community currency  
Requires Payment (OK)

Currency:  ⓘ ↻

Default acceptable payment delay:  ⓘ days

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

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PayPal

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Cclite

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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

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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## ADD CREDITS TO USERS

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

type in the username search bo

### 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	<input type="text" value="2010-09-24 10:00:00"/>	<input type="text" value="2010-09-25 23:55:00"/>	<input type="text" value="0"/>	<input type="text" value="20"/>
<input type="checkbox"/> TUC-Hour	<input type="text" value="2010-10-01 10:00:00"/>	<input type="text" value="2010-10-02 23:55:00"/>	<input type="text" value="0"/>	<input type="text" value="20"/>
New <input type="text" value="TUC-Hour"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="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

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:

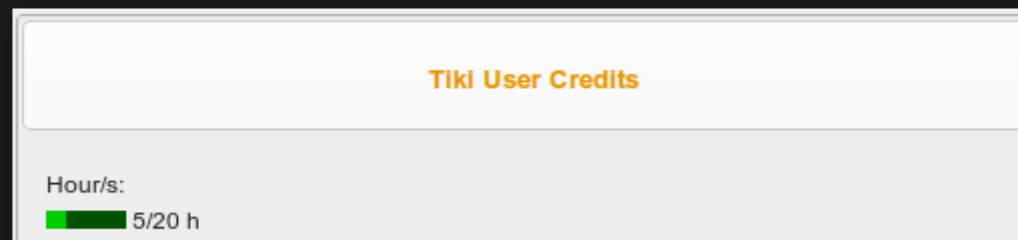
## Historical Usage Report

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.

[Credit](#) | [TUC](#) | [TUCs](#) | [Tiki User Credit](#) | [TikiUserCredit](#) | [TikiUserCredits](#) | [Tiki User Credits](#)