

# 크레딧

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티키6에서 소개된 크레딧은 티키 사용자로 하여금 크레딧의 상이한 저장된 값 유형들을 보유하도록 하는 한 방법입니다. 이는 점수, 토큰, 시간, 분, 어떤 사용 회수, 기타 등등이 될 수 있습니다. 이 기능은 각 사용자에게 대하여 크레딧을 추가하고 사용할 API 와 함께 제공됩니다. 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 'Username' with a 'Search' button. Below this, a message states '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'. The 'TUC-Hour' row has values: 'Hour/s', 'h', 'No', and '1'. The 'New' row has empty input fields for the first three columns and 'No' for the fourth, with a '1' in the fifth. A 'Save' button is located below the table. 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	<input type="text"/>	<input type="text"/>	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](http://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

#### 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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# 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	<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"/>

which you can type in the username search box

## 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  2010

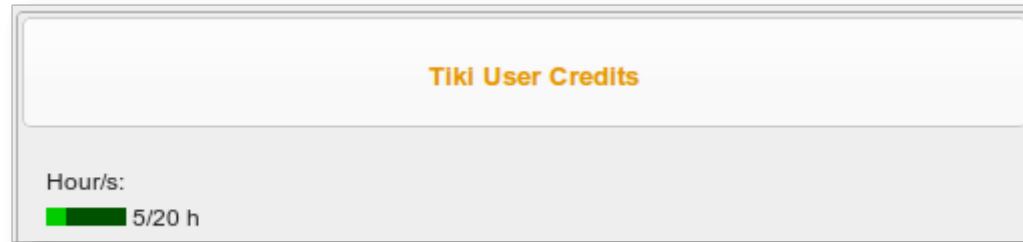
September  2010

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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Credit | TUC | TUCs | Tiki User Credit | TikiUserCredit | TikiUserCredits | Tiki User Credits