Free softwares and free moneys

Monnaie Libre

A free software allow 4 freedoms

- The freedom to use the software
- The freedom to study the code of the software
- The freedom to copy & distribute the software
- The freedom to modify and improve the software

Those freedoms are relative to the **user** of the software.

Is this enough ?

- What a **free** software allow to make, like a text, an image, another software, anything else, are **not automatically free**...

  image could be free / not free - made with Gimp

Money **is not** a software, is much more a **protocol** of exchange and creation, associated with a **common database**

- So **Money System** can be managed with free programs, but the **money** itself has its own properties.

Free as in free money
is different of
free as in free software

How RMT define a free money ?

- To be called free money, its **creation code** must be symetric relatively to the **USERS(x,t)**. No one has any advantage relatively to the money creation process.

- **Relativity principle** : every man in **space and time** is free to consider what is value and what it is not in space : between user(x,t) and user(y,t) **AND IN TIME** : between users(t) and users(t+dt).

- For each user(x,t) a free money system must be compatible with the **4 economical freedoms** :

- **The freedom to choose the money system**

- **The freedom to use any sort of ressources**

- **The freedom to produce any sort of values**
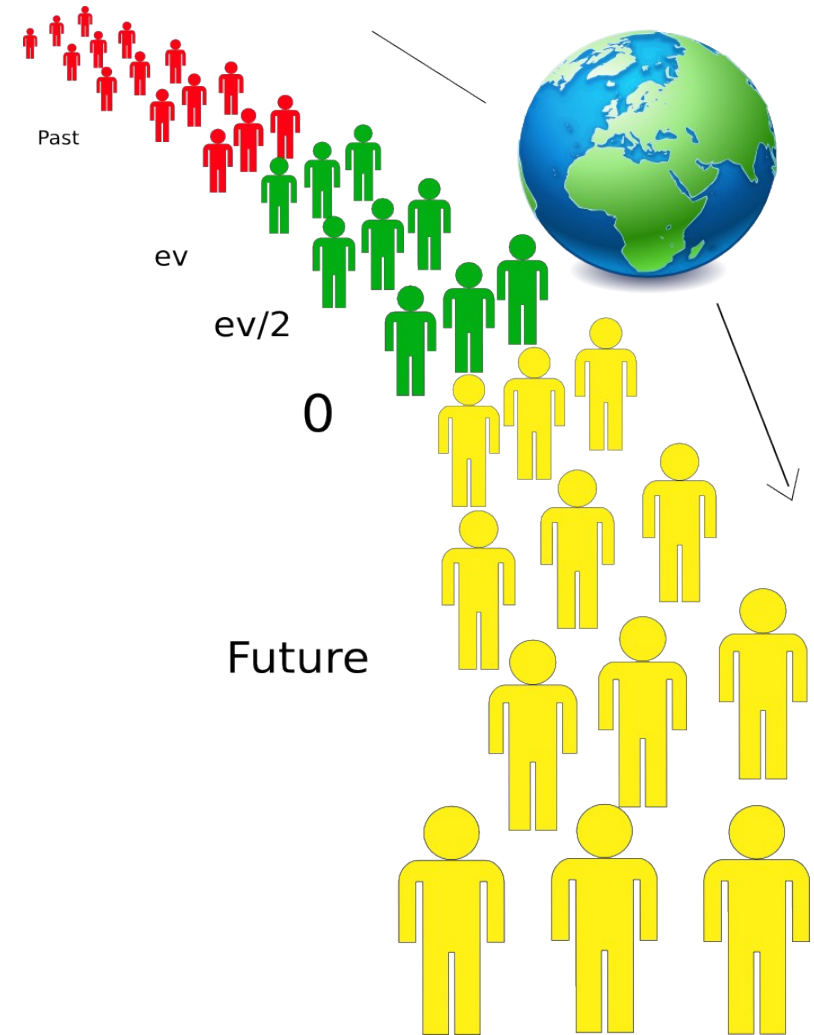
- **The freedom to exchange within the money**

Consequences

- Because the freedom are relative to the user, **who is free to consider what is value or not**, if a money system create the money **without reference to all users(x,t)** it is a **non-free money**.
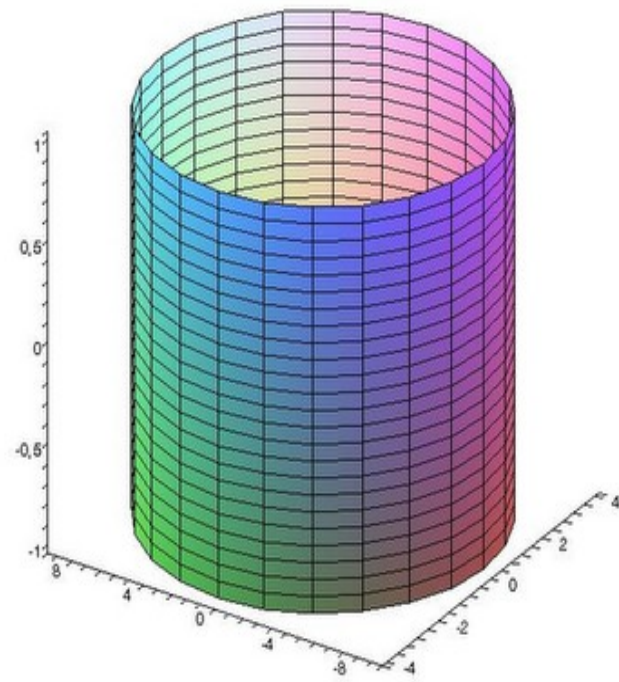
   (And this is independant of the nature of software you use)

- So, symetrical credit money system used by LETS (Local Exchange Trade System), appears to be solution of free money definition. **IT IS SOLUTION IN SPACE** BUT **IT IS NOT ENOUGH IN TIME**. Let's understand that point.
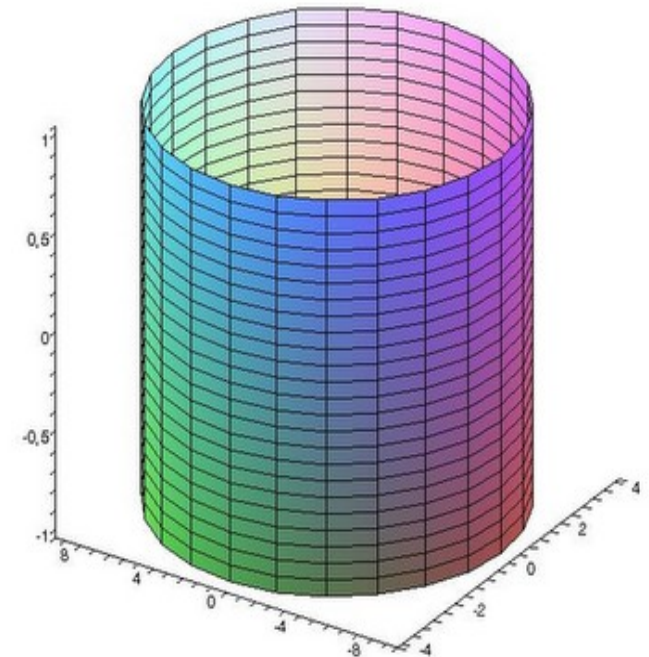
Which mutual credit can we have between two users seperated not only by space but by time ?
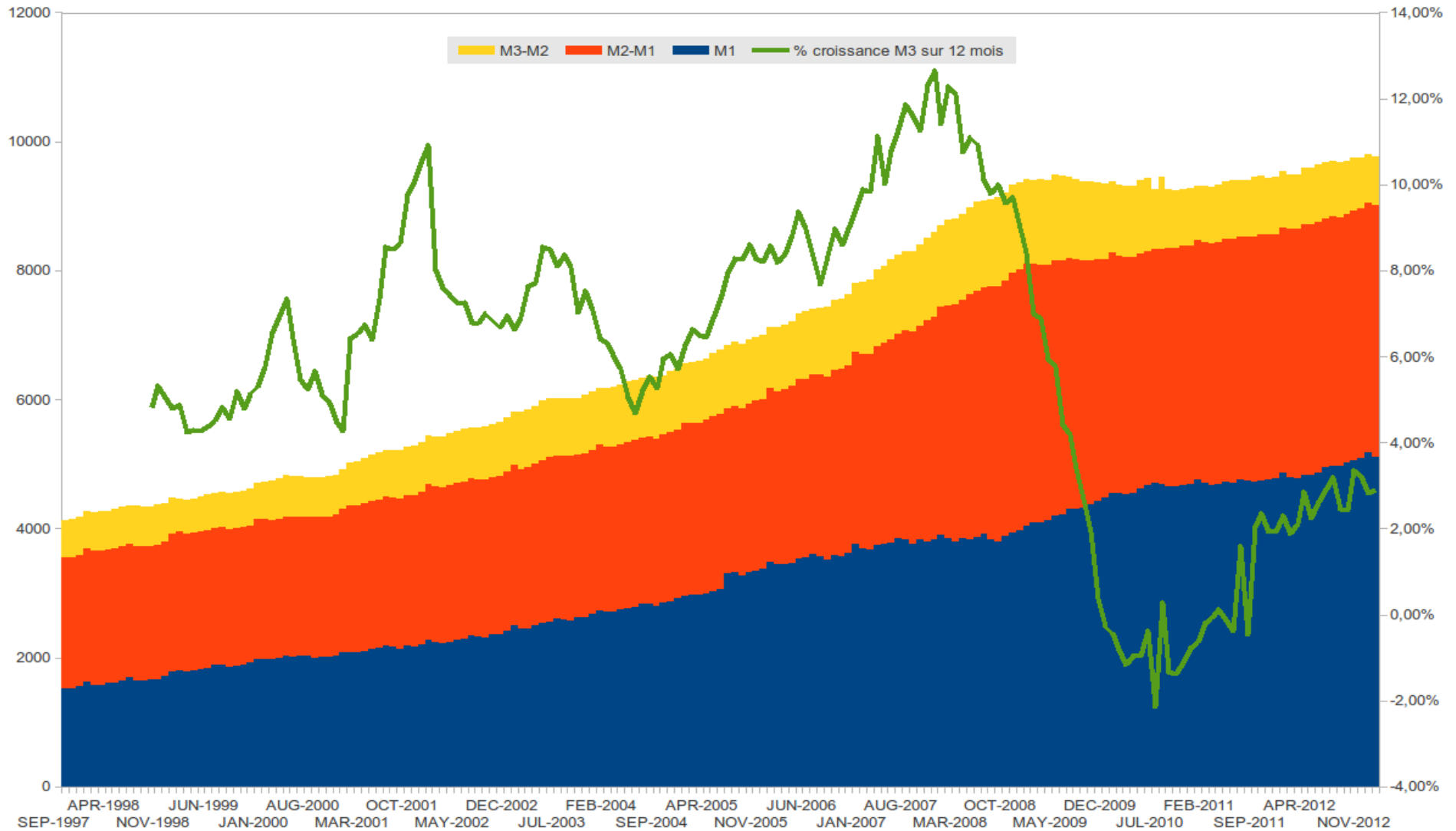
the same relative credit between all generations

$$\frac{M(t)}{\sum\limits_{t}^{t+ev} dM(t)} = \frac{1}{ev}$$

All user(t), born now, or in the future, will have the same
RELATIVE MUTUAL CREDIT in % of money during it's all life,
if it is based on a relative Basic Income precisely determined.

5 % / year = ln(ev) / ev < **c** < ln(ev/2) / (ev/2) = **10 % / year**

Is the « official » money « free » ?!

Is the bitcoin a free money ?

- Free software : yes
- Freedom to choose : yes
- **Is money free in space ? No**
- **Is money free in time ? No**
- Bitcoin is not a free money. It does not consider all the **users** in space neither in time having the same rights relatively to money creation. It is based on machines and limited in time. Bitcoin does'nt consider generations stream..
- So from a free money point of view you can consider bitcoin as a **value** and not as a **free money** without any contradiction.

Is Ripple a free money system ?

- Free software : not sure !
- Freedom to choose : yes
- **Free in space** : **Yes but not in 1 center point**
- **Free in time** : **Possibly, depending of based money**

- Ripple **could be compatible with** a free money system. But it depends on a based money + a center point, and software is not free.
- Ripple is of course a **relative value.**

Can Cyclos generate free money ? Yes.
Cyclos allows to generate a free money

Is MonnaieM a free money **<u>experience</u>** ? Yes !

Is OpenUDC a free money system ?

- **Free sofware ?** Yes

- **Freedom to choose ?** Yes

- **Freedom in space ?** Yes

- **Freedom in time ?** Yes

- In OpenUDC **money is created thru a basic income, relatively to the users connected thru an OpenPGP WEB of TRUST**

Definition, theorems, historical analyse from free money point of view and much more are in
Relative Money Theory 2.718 (french)
www.creationmonetaire.info GPL v3

Théorie Relative de la Monnaie 2.718