



GAFAM and/or Open Source and/or Free and/or Commercial?

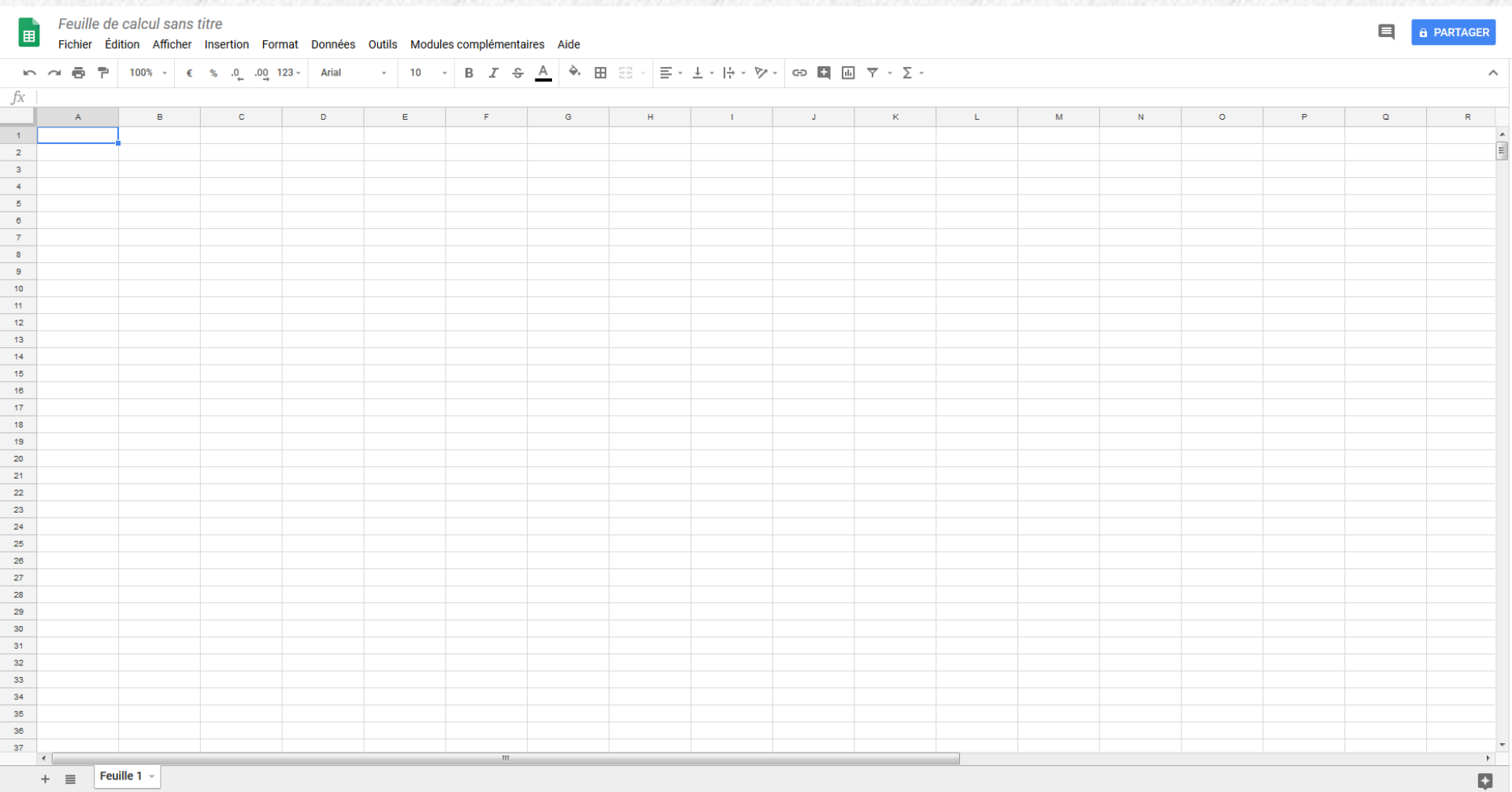


GAFAM and/or Open Source and/or Free and/or Commercial?

from a NGO field user's perspective

GeONG, 31/10/2018
C. Cloquet, Poppy
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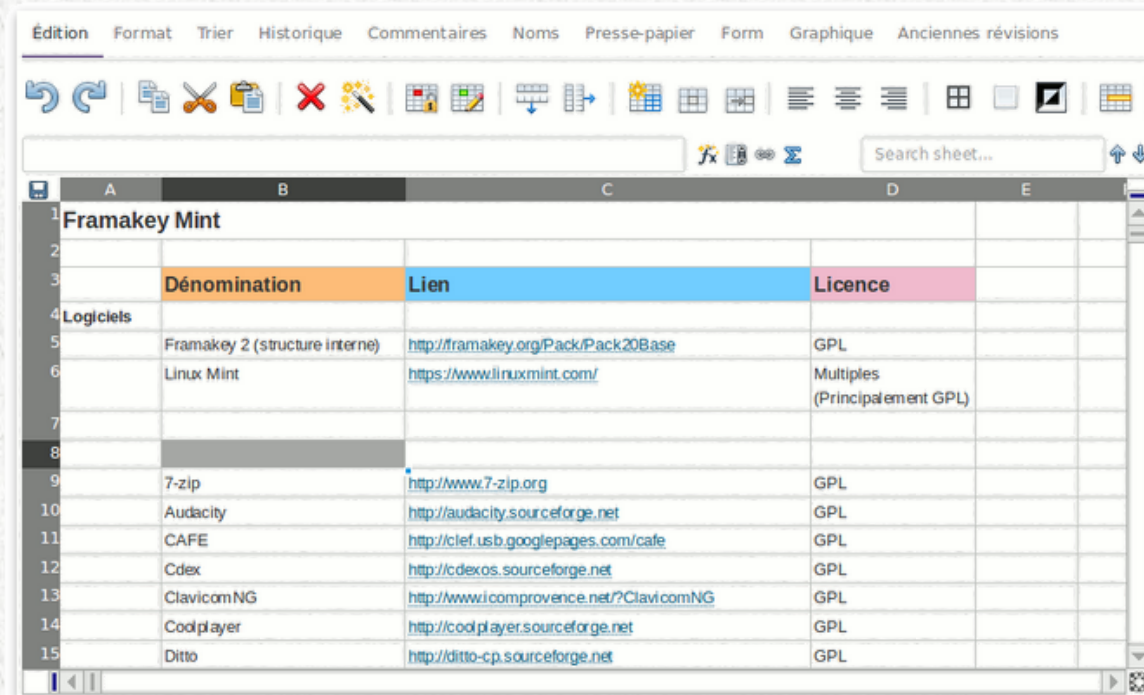
Google Sheets is hugely handy



May Framacalc sometimes be good enough and worth your time?

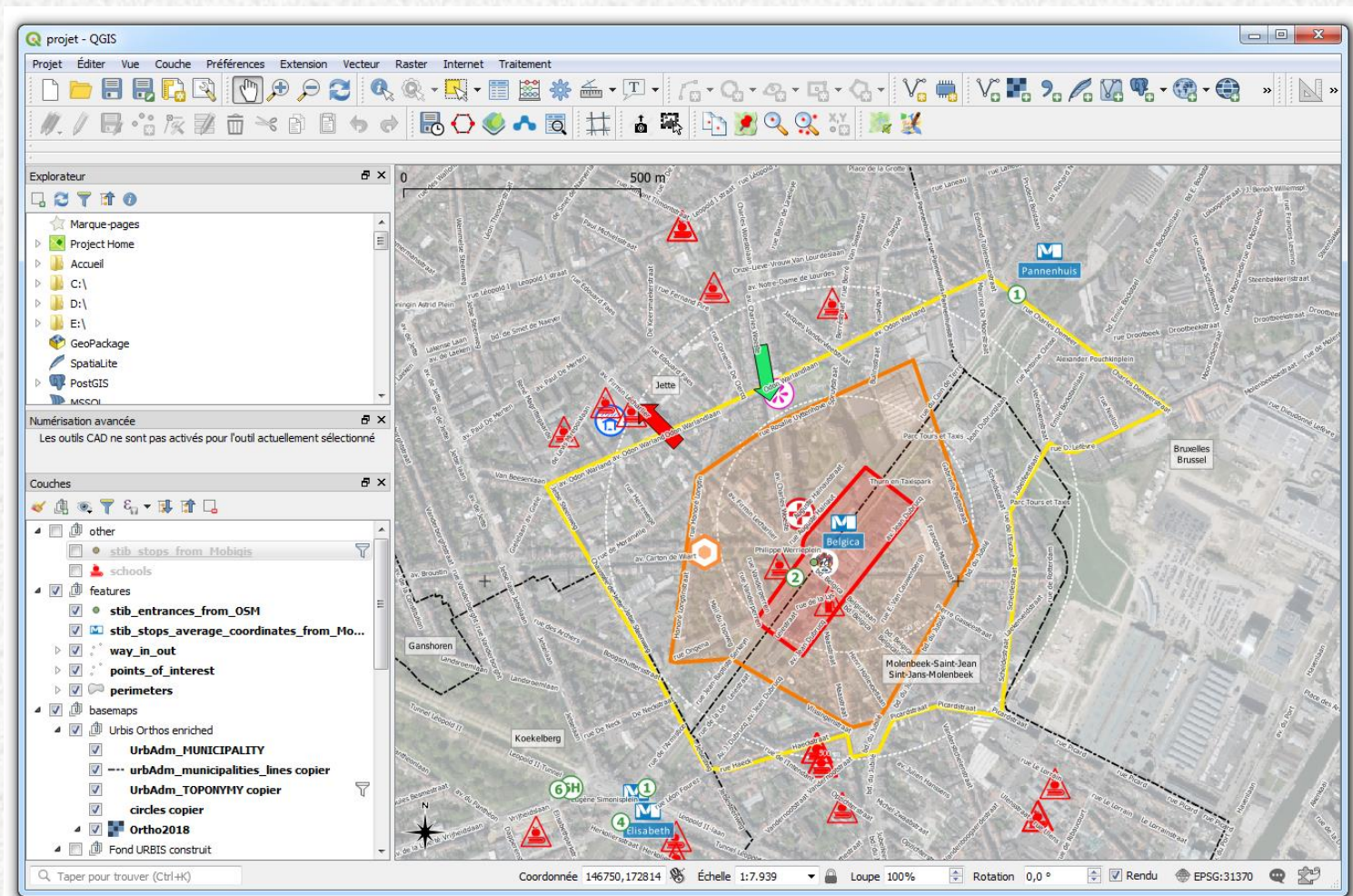
Framacalc

Online collaborative spreadsheet

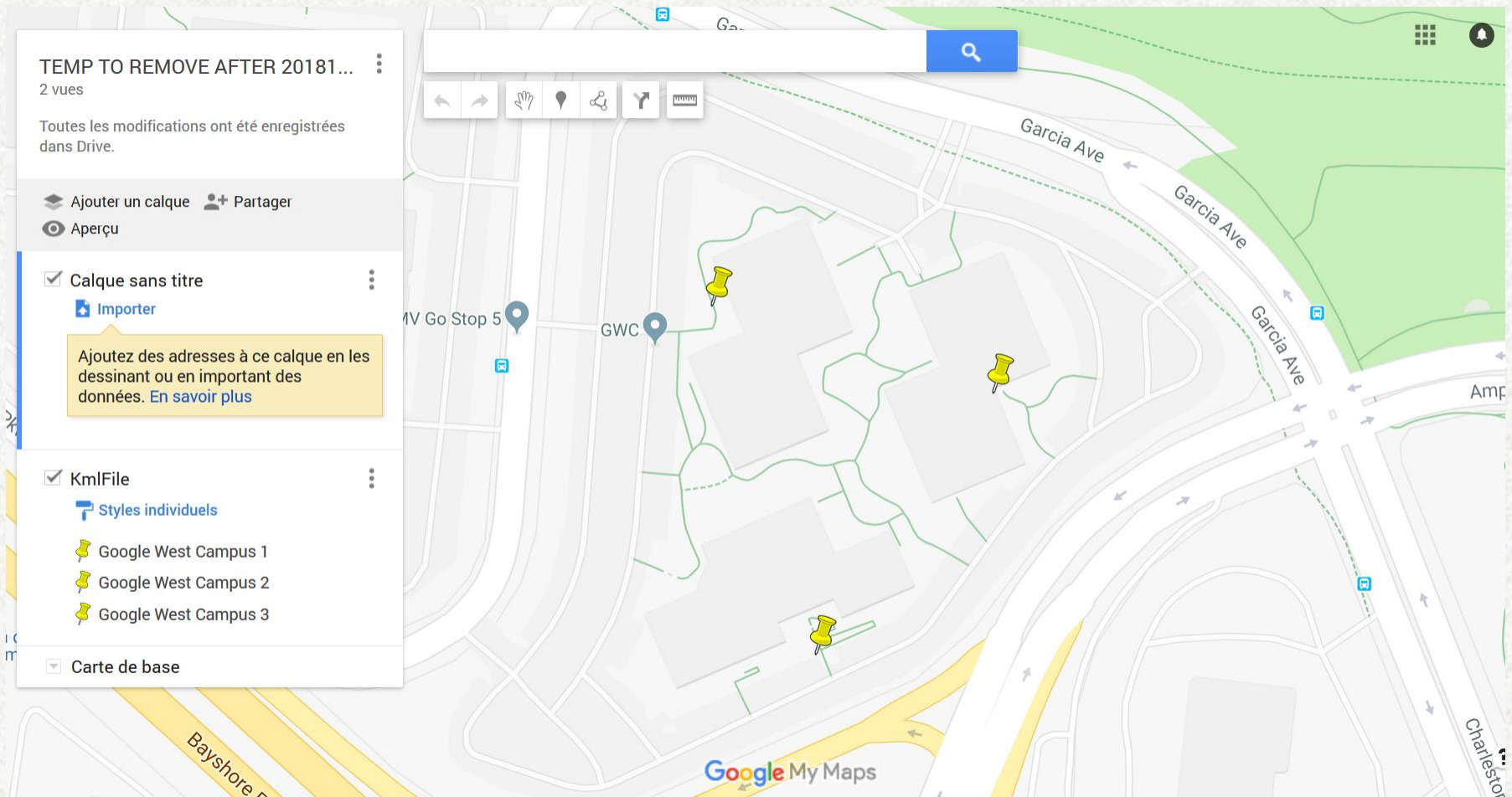


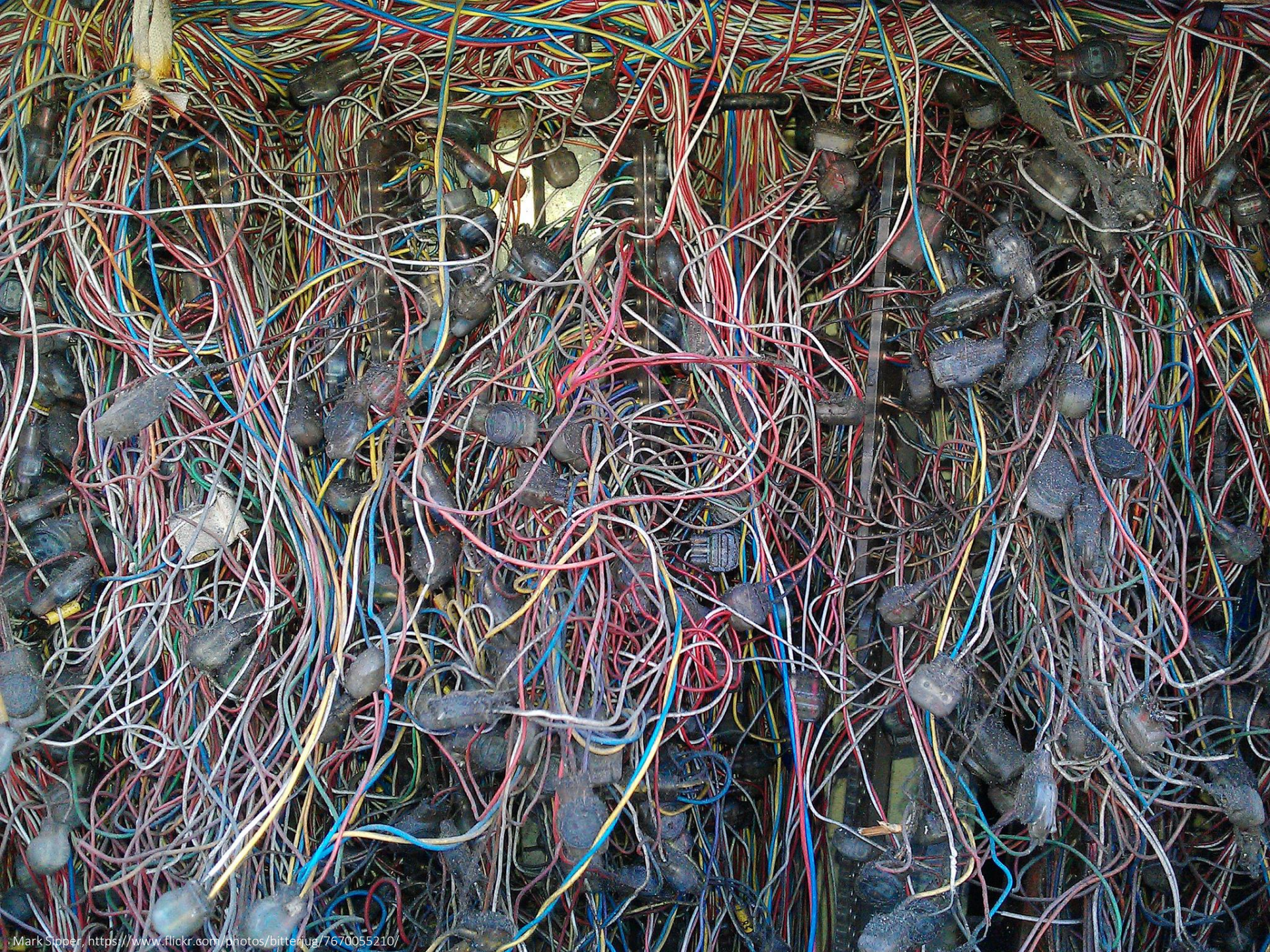
	A	B	C	D	E
1	Framakey Mint				
2					
3		Dénomination	Lien	Licence	
4	Logiciels				
5		Framakey 2 (structure interne)	http://framakey.org/Pack/Pack20Base	GPL	
6		Linux Mint	https://www.linuxmint.com/	Multiples (Principalement GPL)	
7					
8					
9		7-zip	http://www.7-zip.org	GPL	
10		Audacity	http://audacity.sourceforge.net	GPL	
11		CAFE	http://clef.usb.googlepages.com/cafe	GPL	
12		Cdex	http://cdexos.sourceforge.net	GPL	
13		Clavicom NG	http://www.icomprovidence.net/?ClavicomNG	GPL	
14		Coolplayer	http://coolplayer.sourceforge.net	GPL	
15		Ditto	http://ditto-cp.sourceforge.net	GPL	

QGIS gives you freedom



May Google My Maps sometimes be easier to save lives?







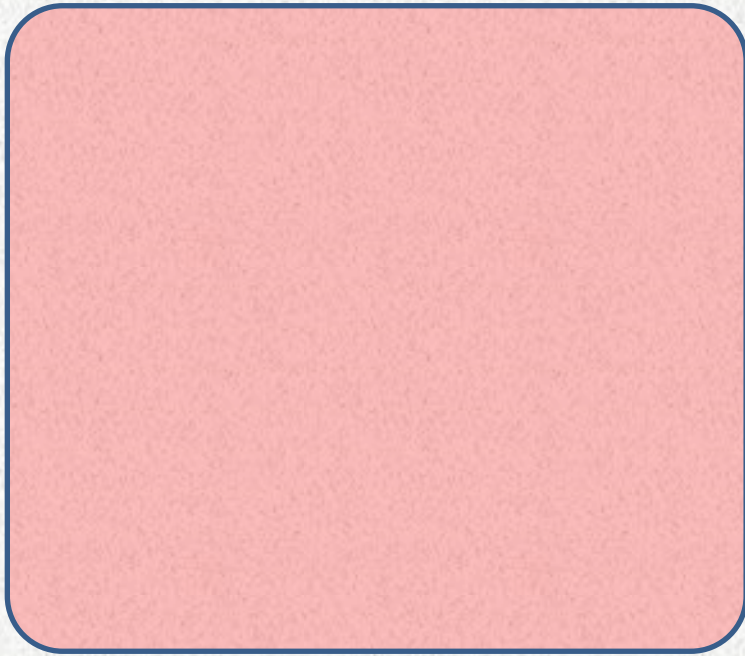
Single
In a Relationship
Engaged
Married

✓ It's Complicated

In an Open Relationship
Widowed
Separated
Divorced
In a Civil Union
In a Domestic Partnership

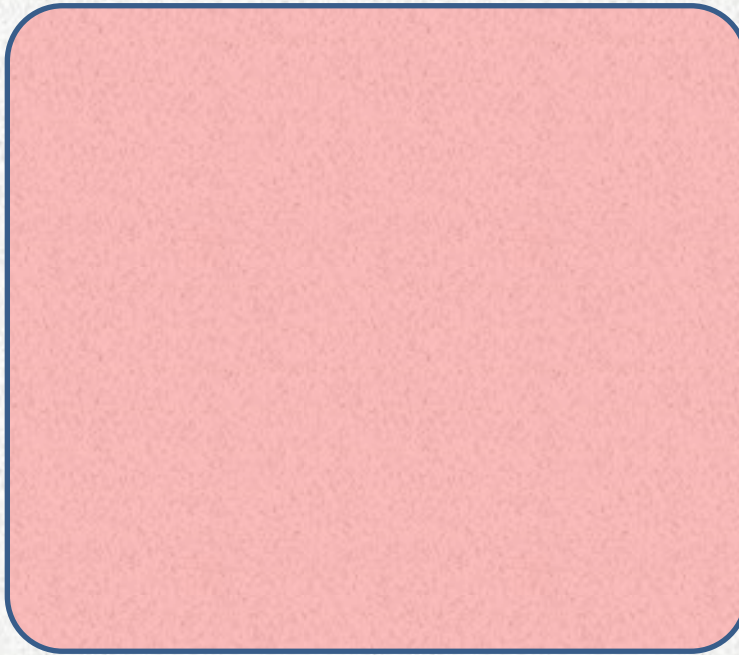
What are we talking about?

Open source (= method)



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Closed source

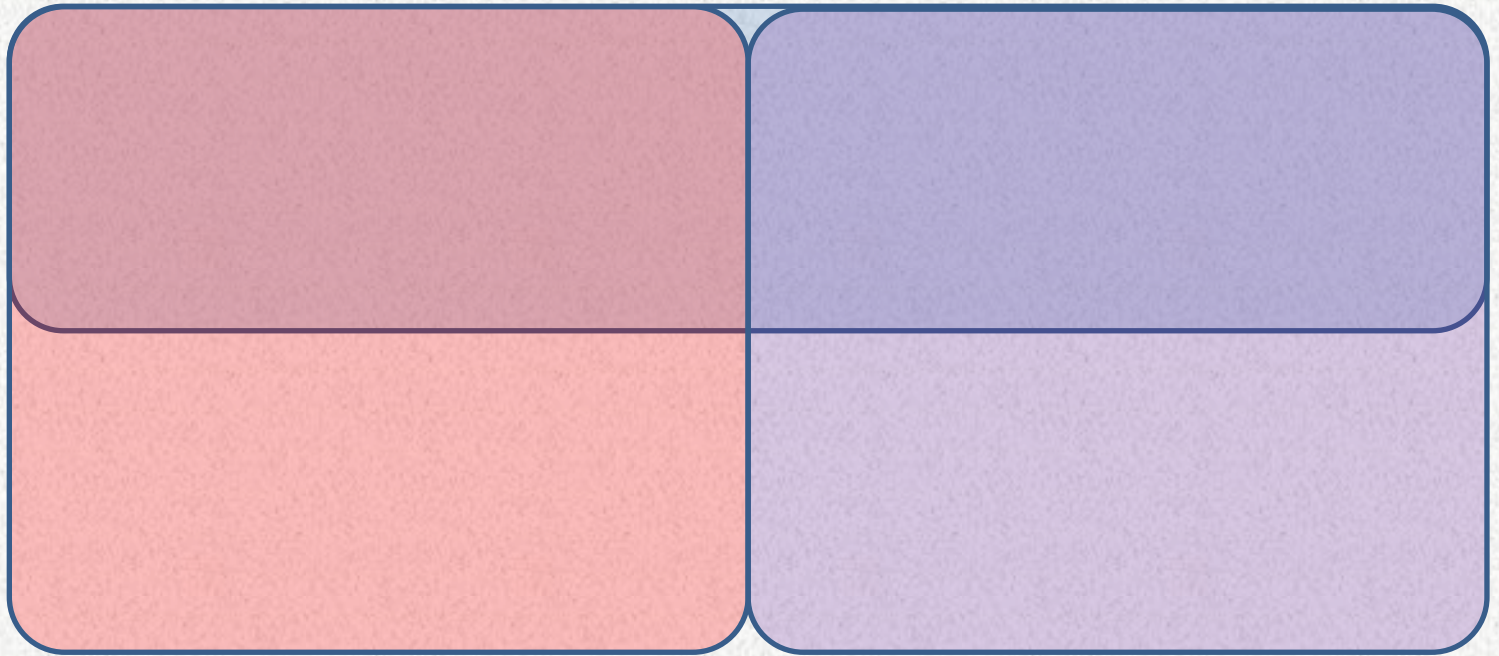


What are we talking about?

Open source (= method)

Closed source

Free for the user
(as in “free beer”)



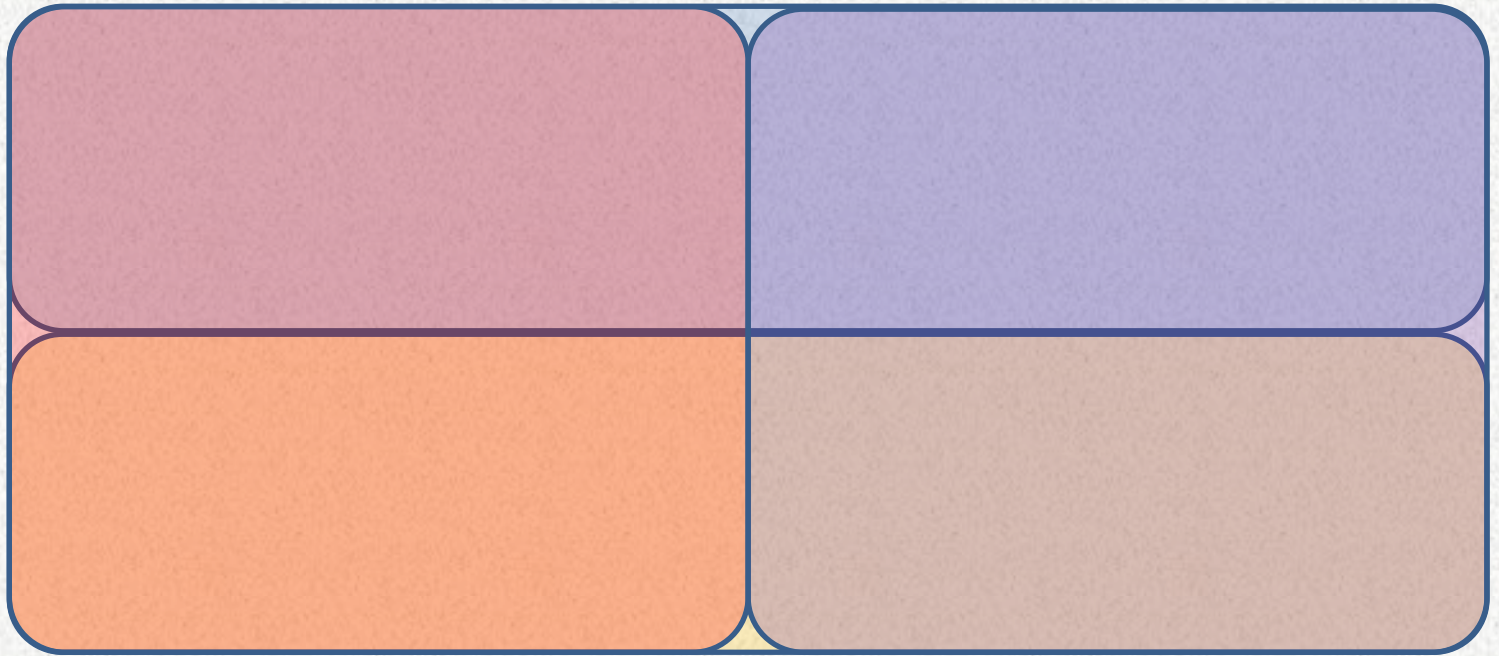
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Paying
(with money)



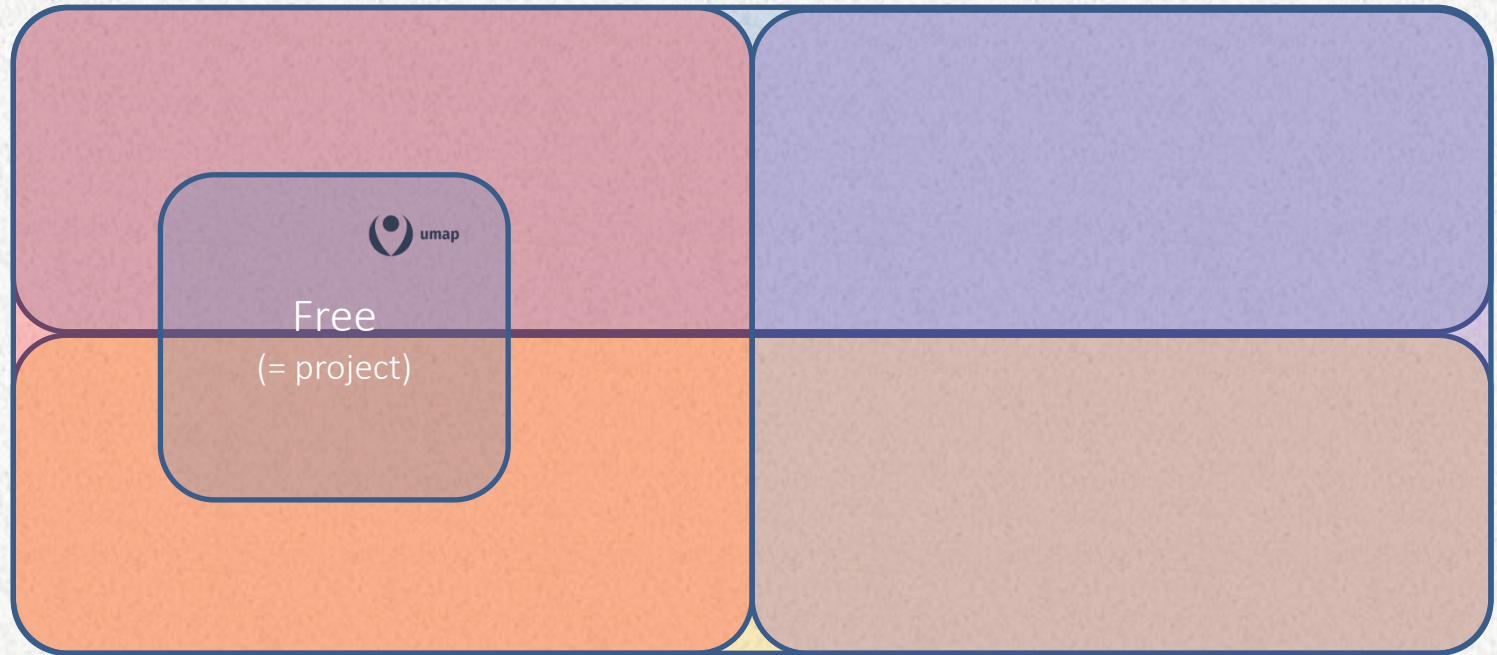
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“Free as in Free speech
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-Richard M. Stallman

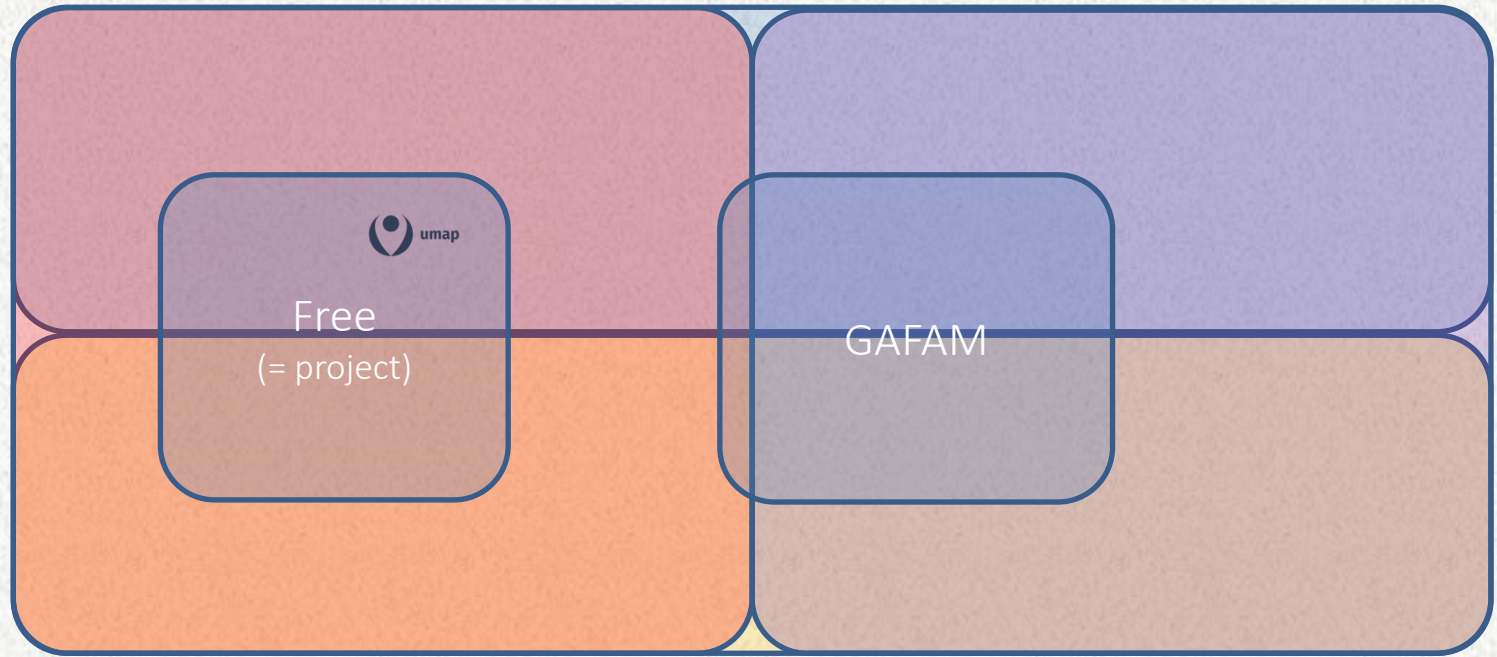
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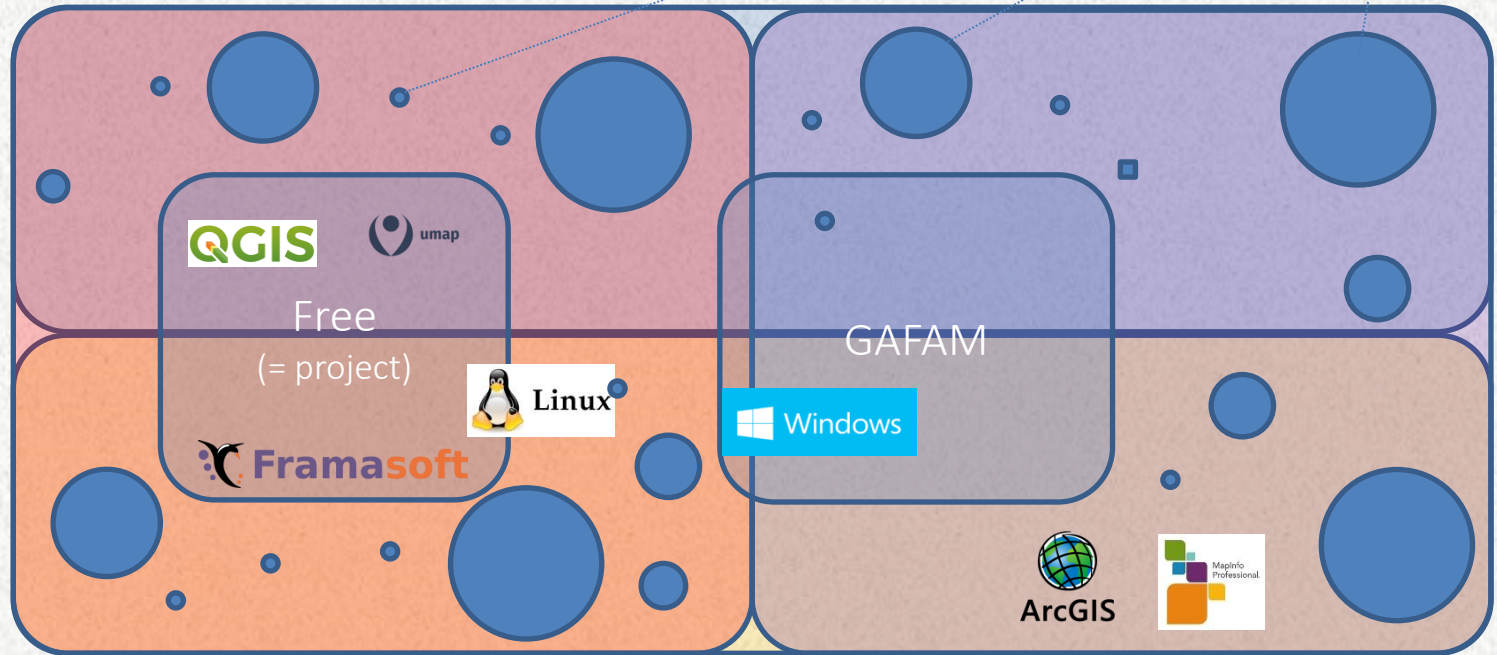
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Open source (= method)

Closed source


various
projects’
sizes



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What is
at stake ?

Private companies

Beneficiaries

Users

Developers



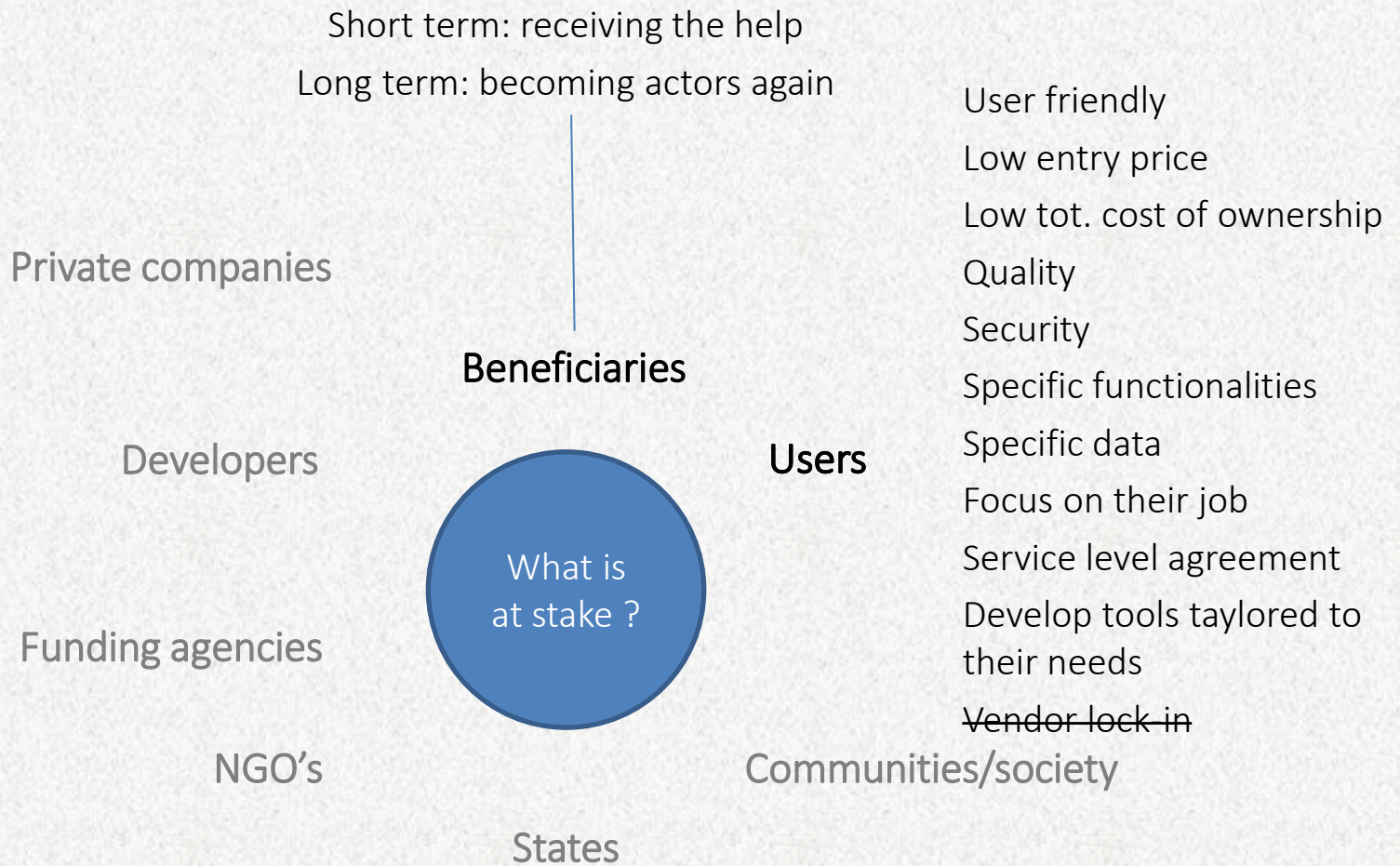
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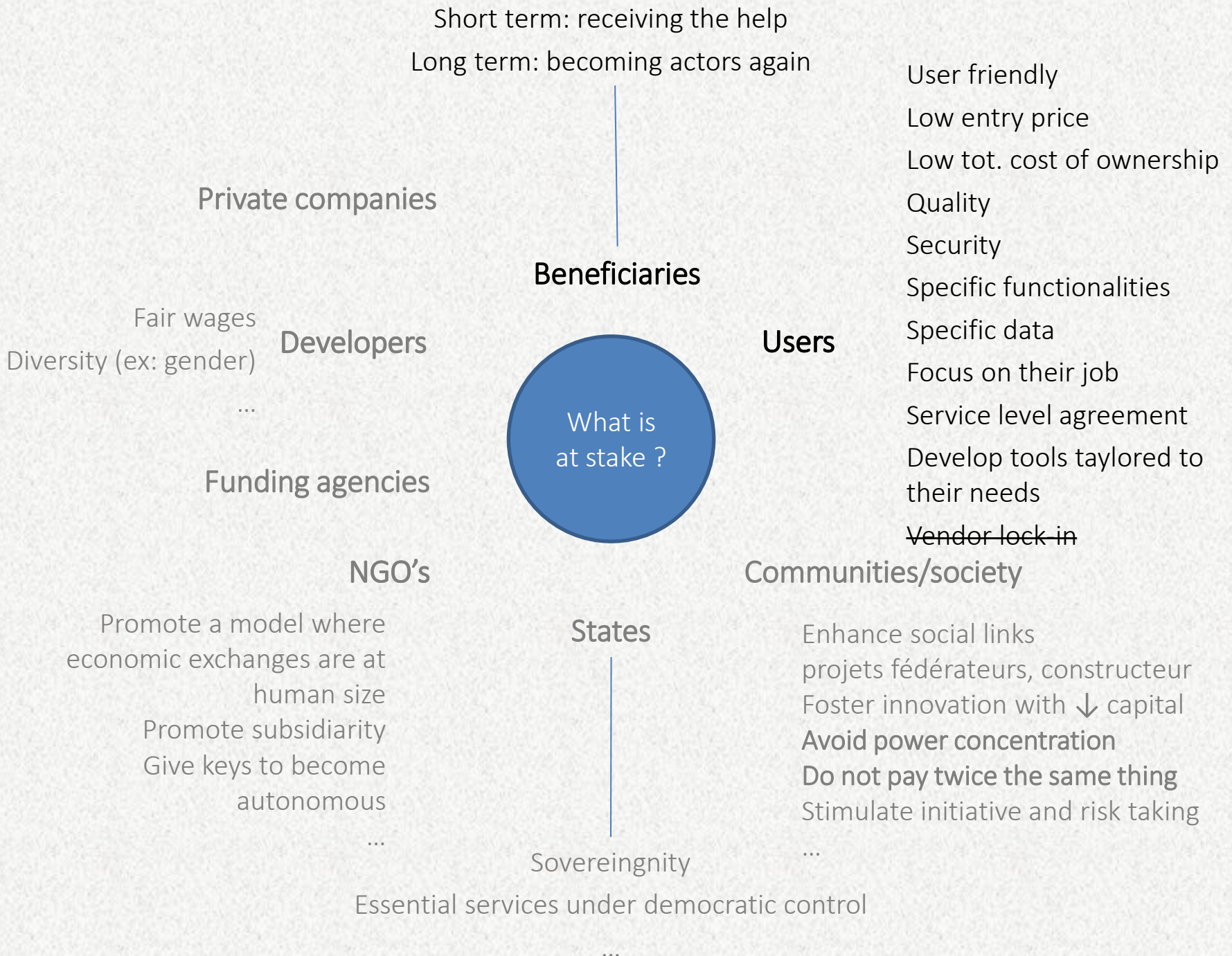
Funding agencies

Communities/society

NGO's

States





Advantage to

Bare FOSS

GAFAM

Other commercial
(incl. FOSS)

It depends

Short term: receiving the help

Long term: becoming actors again

User friendly

Low entry price

Low tot. cost of ownership

Quality

Security

Specific functionalities

Specific data

Focus on their job

Service level agreement

Develop tools tailored to
their needs

~~Vendor lock in~~

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Sovereignty

Essential services under democratic control

Fair wages

Diversity (ex: gender)

...

Developers

Promote a model where
economic exchanges are at
human size

Promote subsidiarity

Give keys to become
autonomous
privacy

...

Enhance social links

projets fédérateurs, constructeur

Foster innovation with ↓ capital

Avoid power concentration

Do not pay twice the same thing

Stimulate initiative and risk taking

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A powerful owner decides
what he/she gives you

The Washington Post
Democracy Dies in Darkness

The Fix • Analysis

Facebook invites you to live in a bubble where you are always right

https://www.washingtonpost.com/news/the-fix/wp/2018/01/14/facebook-invites-you-to-live-in-a-bubble-where-you-are-always-right/?utm_term=.f30aec590274

A powerful owner decides what he/she gives you

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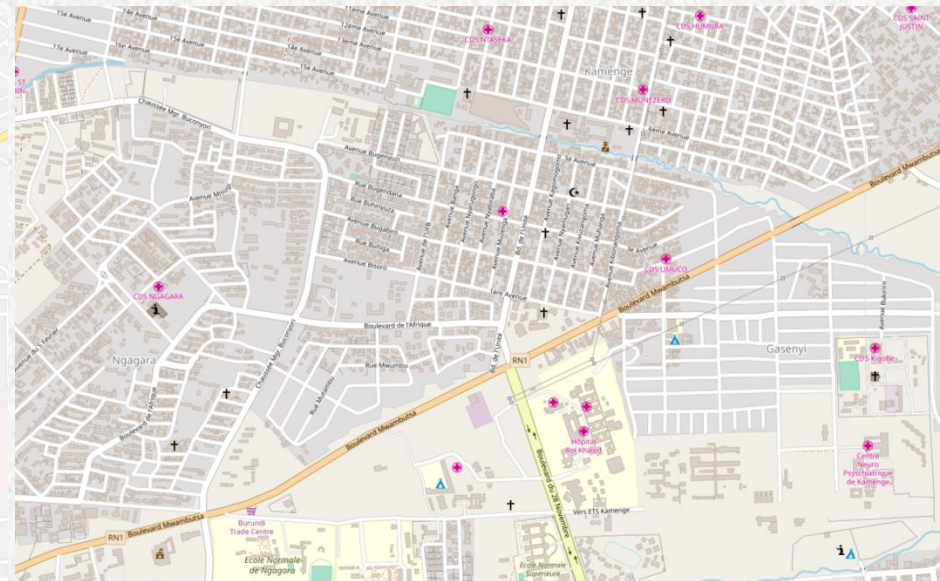
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Facebook invites you to live in a bubble where you are always right

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Google Maps



OpenStreetMap

A powerful owner decides how much you pay



112.500 Google geocoding API requests /month :

Before June 2018 = 75.000 free + 37.500 paying = ~~\$15~~
After June 2018 = 40.000 free + 72.500 paying = \$362.5



Whatsapp API for template messages :

0,096 \$ / message to Belgium

Free & Open Source also have room for improvement

ASHE DRYDEN

THE ETHICS OF UNPAID LABOR AND THE OSS COMMUNITY

November 13, 2013



Accessibilité numérique : quels enjeux et solutions? #OSSPARIS16

Posted on 11 octobre 2016 in [Accessibilité](#)

L'accessibilité rejoint l'édition 2016 du Paris Open Source Summit, au travers d'un ensemble d'actions pilotées par Armony Altinier (Cinov-IT) et Cédric Thomas (OW2).

Free software also have costs

- Training, support, development, ...
 - ⇒ need for consultants and/or develop know-how
- Training duration, time to adapt the software, ...
 - ⇒ time taken on your job

	Revenue (2017, \$)
Alphabet	100.9 B
ESRI	1.1 B
RedHat	2.4 B

But worlds are fuzzy



Microsoft

sponsors



open source
initiative



ArcGIS

uses



Google
Summer of Code

so that giants and FOSS
need each other

Choice criteria's : always case by case

For tomorrow's emergency response

1. 'First do not harm'
2. Goal = save lives
3. Good tool = the one we master
4. Ne pas se passer de fonctionnalités pour des raisons dogmatiques

On the long term

think about
OS/free/commercial/GAFAM
taking into account

1. Your goals
2. The stakes
3. Your values
4. Material & financial resources
5. Your personnel
(knowledge, willingness, ...)

Size of the
organisation?
Network?
(to mutualise)
Available
skills?
Goodwill
of users?

eg:

Goal is to *empower farmer's from South America*

⇒ is use of Google coherent?

Goal is to *bring emergency medical help*

⇒ do we have time & personnel to master free software?

We're all humans, let's improve both worlds!

Joint initiatives
industry / communities

...

Profits reinvested
in projects favouring
local autonomy



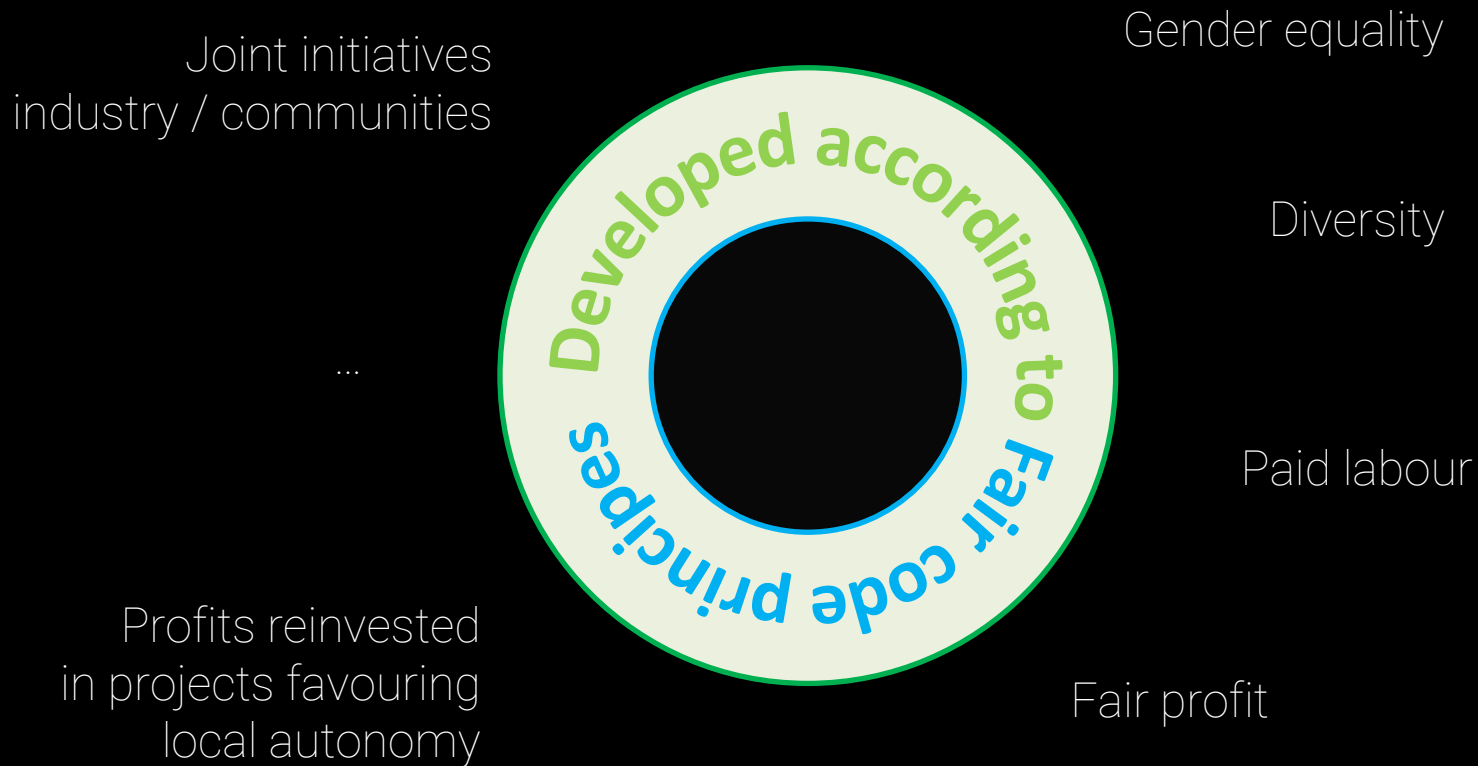
Gender equality

Diversity

Paid labour

Fair profit

We're all humans, let's improve both worlds!



... towards a 'faircode' label?



GAFAM and/or Open Source
and/or Free and/or Commercial?

POURQUOI L'OPEN-SOURCE ?



4 LIBERTÉS

- ☒ Utiliser
- ☒ Distribuer
- ☒ Publier les versions modifiées
- ☒ Modifier



3 VALEURS
Partage
Coopération
Entraide



Motivation
Sécurité
Pérennité

3 CONSÉQUENCES INDIRECTES
ou probables

7 CONSÉQUENCES DIRECTES

Autonomie	Coût
Personnalisation	Pédagogie
Améliorations	Biens communs
Mutualisation	



anybox

Some references

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& Slashdot debate : <https://slashdot.org/story/00/05/20/1533253/bertrand-meyers-the-ethics-of-free-software>

F. Grodzinsky et al. *Ethical issues in Open Source Software* (2003)
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Costs

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http://archives.lesechos.fr/archives/cercle/2011/01/24/cercle_32983.htm
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<https://www.april.org/le-cercle-les-echos-les-couts-cachees-du-logiciel-libre>
<https://developers.google.com/maps/previous-pricing>
<https://cloud.google.com/maps-platform/pricing/sheet>
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Profits

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Issues with GAFAM

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<https://www.les-crisis.fr/dont-be-evil-until/>

Closed source world mixes with open source

<https://www.esri.com/en-us/arcgis/open-vision/standards/open-source>
<https://summerofcode.withgoogle.com/>
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Ethics

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