New perspectives for Open Source and Free Software from France and Europe

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Free and Open Source Software

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Free and Open Source Software

Free as in free beer (gratis): you dont pay (today)

Free as in free thought (libre): software with 4 rights:

- Freedom to use
- Freedom to study and modify (need sources)
- Freedom to distribute copies
- Freedom to distribute sources (even modified) (all this is guaranteed for example in `http://www.opensource.org/docs/definition.php`).

There are obligations too (according to the licence, your mileage may vary): GPL/BSD/Mozilla/X, etc.

Beware of *imitations*!

Different actors find their place

- traditional consultancy firms:
  offer organised around "client specific" businesses
- specific service on Open Source :
  specialised service on *several* free softwares
- distribution editors :
  wide spectrum integration around GNU/Linux
- editors :
  specialised service on *their own* products

A powerful drive: public procurement; in certains sectors, Free Software is *mandatory*.

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- and all this must be done with technological oecumenism

French estimates (Pierre Audoin Consultants)

Year	Income (M euros)	Market share	Growth
2003	100	0.4%	-
2004	140	0.5%	40%
2005	250	0.9%	79%
2006	430	1.4%	72%
2007	700	2.1%	63%

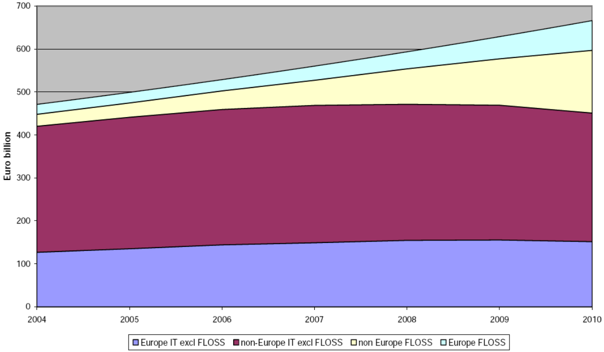
Evolution for big corporations (PAC)

SSII	2004	2005	Growth (%)
Capgemini	7 Me	15 Me	+ 114,3%
Thales DSV	10 Me	14 Me	+ 40,0%
Atos Origin	9 Me	13,5 Me	+ 50,0%
Bull	8,5 Me	13 Me	+ 52,9%
SQLI	6,3 Me	12 Me	+ 90,5%
Unilog-LogicaCMG	5,5 Me	9,2 Me	+ 67,3%
IBM Global Services	4 Me	9,2 Me	+ 130,0%
EDS	6 Me	7 Me	+ 16,7%
Devoteam	4,6 Me	6,3 Me	+ 37,0%
Sopra Group	3,4 Me	6 Me	+ 76,5%
TOTAL	64,3 Me	105,2 Me	+ 63,6%

This is a real *revolution*!

FLOSS study (november 2006): 32% IT Services, 4% GNP

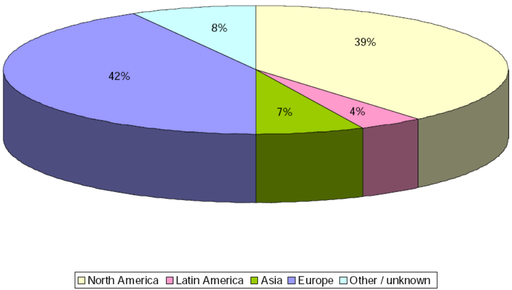
Figure 47: FLOSS-related and IT services revenue, Europe and world



Copyright © 2006 MERIT. MERIT estimates and projections based on sources including Gartner (IT services market size); IDC (Linux server and PC sales); GGDC (software investment ratios). Shares add up to the total (Euro 667 billion in 2010).

FLOSS study (november 2006): Europe is the leader!

Figure 18: Geographical distribution of developers on Sourceforge.



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Europe has been and is crucial to FLOSS development and adpotion, yet. . .

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We need to take action, now!

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  - companies
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- with international visibility

Two axes

- technical problems *specific to FLOSS*:
  Example: package management, like in EDOS
- technical probles *in some specific free software*:
  Example: securing LAMP plateforms, OpenOffice localization, etc.

Beware: free software *is not software as usual!*.

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procurement: more than 70% of French IT market decided here

A large community

Industry, corporations : Cap Gemini, Sun Microsystems, CS, Unilog

Industry, SME : ASS2L, Mandriva, Nuxeo, IdealX, OpenWide, AdaCore, SopInSpace, Xpertnet, Nexedi, Zend . . .

Universities : Paris 1 (CRI), Paris 6 (Lip6), Paris 7, Paris 12 (LACL), Paris 13, Marne la Vallée, CNAM (Cedric), Evry

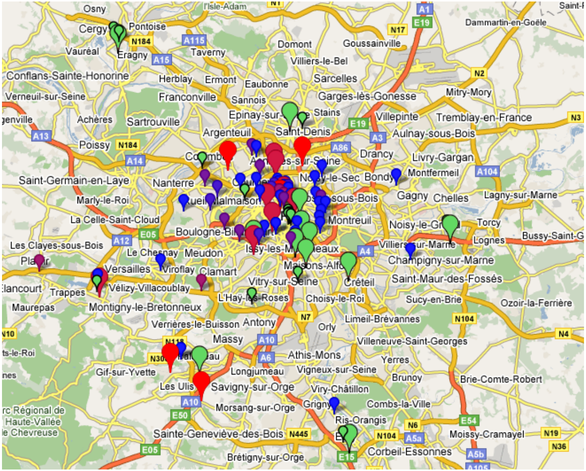
Ecoles : Eisti, Epita, Epitech, ENSIIE, ENSTA, GET, ENS Ulm, ESIIE

Research Centers : INRIA

Communities : ADULLACT, AFUP, Wikimedia

Users : CRDP de Paris

Geograpical Overview



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- representation of developer communities and large users
- strong presence of SME
- a social contract wit the community about IP issues
- an evaluation mechanism that associates the community

More info online

- a name has been chosen

Ouverture

- the web site is open:

`http://www.ouverture-paris-region.org`

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- as large users, they contribute to federating demand
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- more traditionally, they bring in funding

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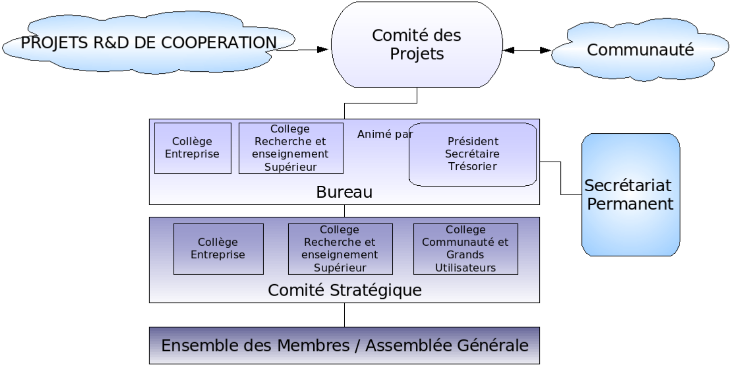
While the first, and maybe second level can be outsourced, the third seem more difficult. See also Paterson's letter in Communication of the ACM (03/06): "Computer Science Education in the 21st Century".

Time is running out!

Thank you for your attention.

Schéma de Gouvernance d'Ouverture



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