

Open Source and Development

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Open source develops local skills

- **70%** of developers participate in the FLOSS community **“to learn and develop new skills”**
- **67%** of developers participate in the FLOSS community **“to share ... knowledge and skills”**
- **30%** of developers participate in the FLOSS community **“to improve ... job opportunities”**
- **Over 50%** of developers **derive income**, directly or indirectly, through their participation in the FLOSS community

Source: Free/Libre/Open Source Software (FLOSS) Study of Developers

S/w licensing costs seem low...

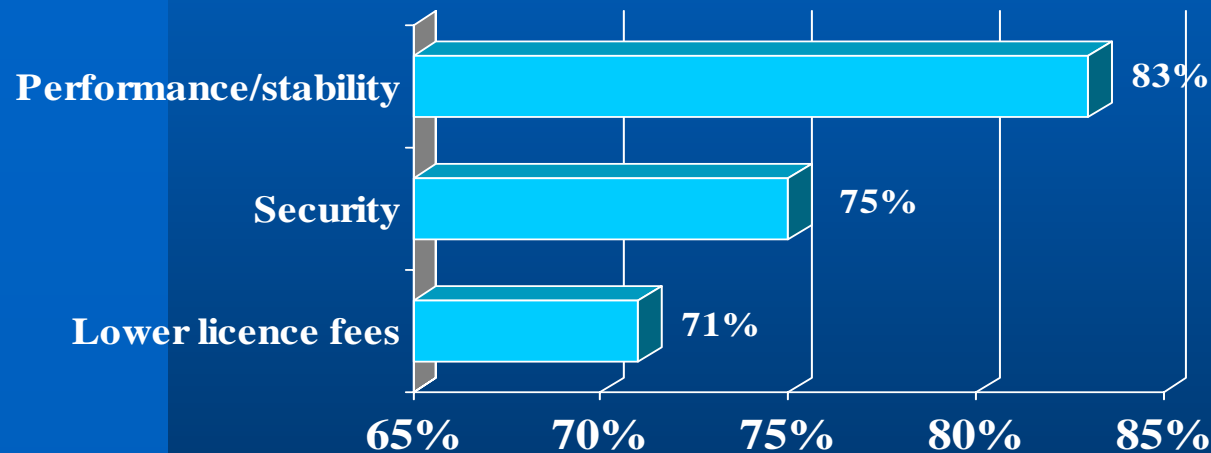
Licensing Cost of Windows XP + Office (USA):

- Standard Version \$560*

**Prices from Amazon.com,*

...and not the #1 reason for F/OSS

Benefits from using F/OSS



Source: FLOSS survey of user organisations, FLOSS final report, www.flossproject.org/report/

But in Latin America...

Licensing Cost of Windows XP + Office in the US:

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ECUADOR: GDP per capita \$1396 p.a.

Effective cost of Windows XP + Office (per capita)

- Standard Version 4.8 months' GDP

...Cost really DOES matter

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Comparing with US GDP per capita: \$35 277 p.a...

**Effective cost in \$ equivalent
for Windows XP + Office in Ecuador**

- Standard Version **\$14 149**

...Cost really DOES matter

| Country | GDP/cap | PCs ('000s) | Piracy | WinXP Cost:** | |
|-----------------------|-------------|--------------|-------------|---------------|------------|
| | | | | Effective \$ | GDP months |
| Argentina | 7166 | 3415 | 62% | 2757 | 0.9 |
| Brazil | 2915 | 10835 | 56% | 6777 | 2.3 |
| Chile | 4314 | 1640 | 51% | 4579 | 1.6 |
| Ecuador | 1396 | 300 | 62% | 14149 | 4.8 |
| Mexico | 6214 | 6835 | 55% | 3179 | 1.1 |
| Paraguay | 1337 | 76 | 72% | 14777 | 5.0 |
| Peru | 2051 | 1262 | 60% | 9630 | 3.3 |
| Uruguay | 5554 | 370 | 63% | 3557 | 1.2 |
| Latin America* | 4335 | 18703 | n.a. | 4557 | 1.6 |
| Africa | 652 | 7636 | n.a. | 30297 | 10.3 |
| United States | 35277 | 178326 | 25% | 560 | 0.2 |
| EU | 20863 | 116997 | n.a. | 947 | 0.3 |

GDP/capita in US\$, WinXP cost in \$ equivalent; * Latin America average including the Caribbean and Mexico

**Windows + Office XP effective \$ cost calculation = \$560 * (GDP per capita / US GDP per capita)

Source: World Bank World Development Indicators Database, (2001 data); Business Software Alliance

More information...

The FLOSS project pages & final report

<http://flossproject.org>

Paper on FLOSS as Official Development Aid,

By Jordi Carrasco Munoz

[http://www.i-today.com.vn/itoday/open_source/baocao/
jordi_europeancommunity.ppt](http://www.i-today.com.vn/itoday/open_source/baocao/jordi_europeancommunity.ppt)