

Libre software strategic guidelines

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Una conferencia CACLE



Warning

This speaker uses his own creative English.

If you lost some words, don't care: it's not your ears problem.



Talk targets

- To show strengths and weakness of the libre software solutions.
- To show a simple strategic model to ensure the libre software success.
- To show the solution guidelines.
- To convince you about that 😊 .

Some of the libre software successes

- An almost complete operating system available in several flavors.
- At least two almost complete GUI.
- At least one complete office suite.
- Other key software...
- A great developers community: programmers and computer and net resources.
- The bigger interest at the moment: Industry, Market and Public Administrations want Libre Software.

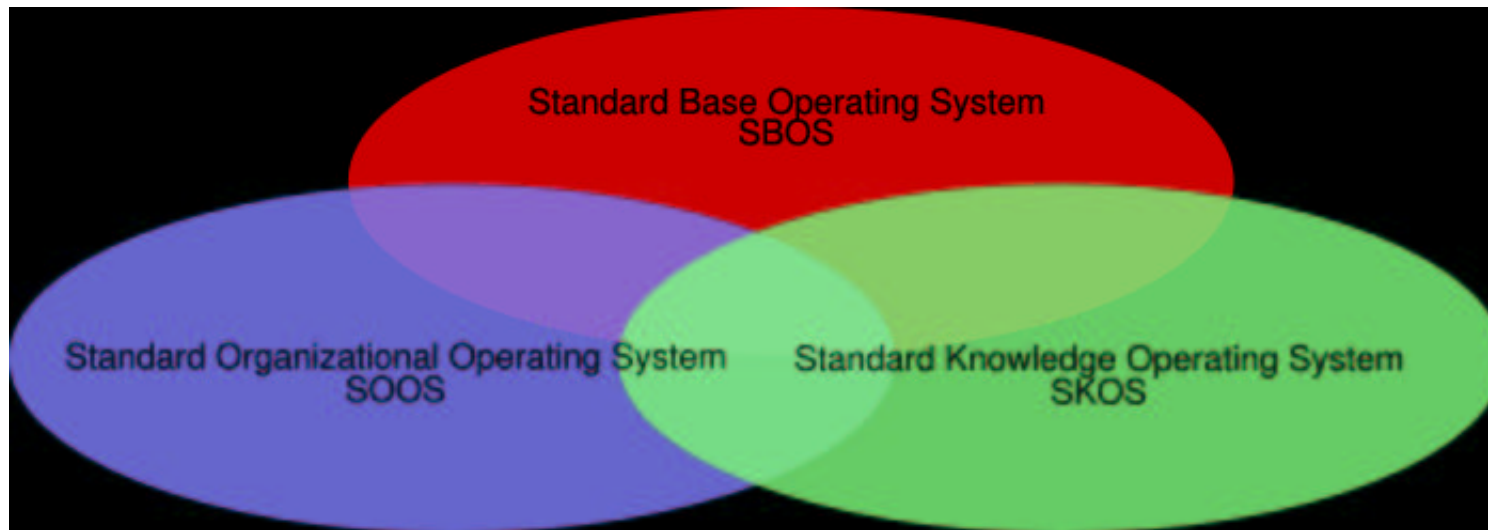
The main libre software weakness

- Lack of libre equivalents of widely used applications.
- Lack of QA.
- Lack of standardization: it's not trivial to interchange a free app for another free equivalent.
- Libre software projects use to be managed only by programmers:
 - Programmers loves to code the system but not the high level applications.
 - Programmers loves to write their own implementation from scratch.
 - Programmers easily forget the service ethic: they work for themselves and not for the final user.

Conclusions:

1. If libre software can't reach the requisites and needs of the present interested users (Industry, Market and Public Administrations) possibly we'll lost our best and definitely opportunity.
2. We need a strategical point of view which complete and strengthen the programmer's work.

Introducing into the Open Systems Software Architecture



- All made with libre software.
- Nothing to do with the 80's-90's open system concept
- Formulated by Francisco de Urquijo (from Mexico)

Detail of the Open Systems Software Architecture

Standard Base Operating System: the data infrastructure

- The operating system
- GUI environment
- office suites
- etc.

Standard Organizational Operating System: the information infrastructure

The integration of:

- Work-group/collaboration environment.
- ERP.
- Work-flow environment.

Standard Knowledge Operating System: the knowledge infrastructure

- Modular, applicable and reusable knowledge.
- Without doubt, the next step in Computer Sciences and user application.

Status of the Open Systems Software Architecture implementations

Standard Base Operating System

- Almost complete

Standard Organizational Operating System

Partial implementations but no integration

- Work-group/collaboration environment: lot's of tools available.
- ERP: almost anything usable.
- Work-flow environment: almost anything.

Standard Knowledge Operating System

- Almost inexistent in the actual market: neither

To be done in the Open Systems Software Architecture implementations (1): Research & Development

Standard Base Operating System

It needs an Q&A effort.

Standard Organizational Operating System

It needs Integration and Development efforts.

Standard Knowledge Operating System

It needs a Research & Development effort.

To be done in the Open Systems Software Architecture implementations (2): Methodology

- Definition and application of Quality Assurance.
- Definition and application of Standards on modular/interchangable applications.
- Spreading results in the Community, Industry, Market and Public Administrations.

To be done in the Open Systems Software Architecture implementations (3): Key technologies

- New development environment: Mono, XML-RPC/SOAP, etc.
- UML analysis/design tools and UML compilers
- Self managed applications: p2p.

We are working on it: Working lines at HispaLinux:

- **Forja:** MS Exchange meets SourceForge 🍌 (SOOS)
- **Gestión Libre:** creation of business applications using UML designs and best practices (SOOS)
- **Software Libre en la Administración:** software for the public administrations (SOOS)
- **Freevote:** e-government high secure voting platform (SOOS)
- **TALES:** e-learning platform standarization and QA effort (SKOS)

We are working on it: Working lines at TLDP-ES:

The Libre Publishing Firm:

1. Extending **Forja** for the creation and publishing of documentation with QA requirements (SOOS).
2. Experimental implementations of the SKOS.

We are working on it: Looking for financing:

- European Comision e-learning initiative.
- European 6th Framework Program.
- Euopean-Iberoamerican @LIS collaboration program.
- Maybe more?

How you can help:

- Please think deep on the presented ideas.
- Use your influence to spread them.
- Apply them in the projects you are involved.
- Join us to bring Libre Software to the success the Society deserves.
- Help us to look for financing opportunities.

Contacting

If you are interested in reaching us:

- Francisco de Urquijo, the main author of this ideas at <mailto:urquijoSUBSTITUTEservidor.unam.mx>.
- Ismael Olea, the author of the slides and observer at the FLOSS meeting at <mailto:ismaelSUBSTITUTEolea.org>.
- The Hispalinux project coordination forum at <mailto:estructuraSUBSTITUTElistas.hispalinux.es>.

That's all folks!

Thank you for your attention.