

# **Software Libre**

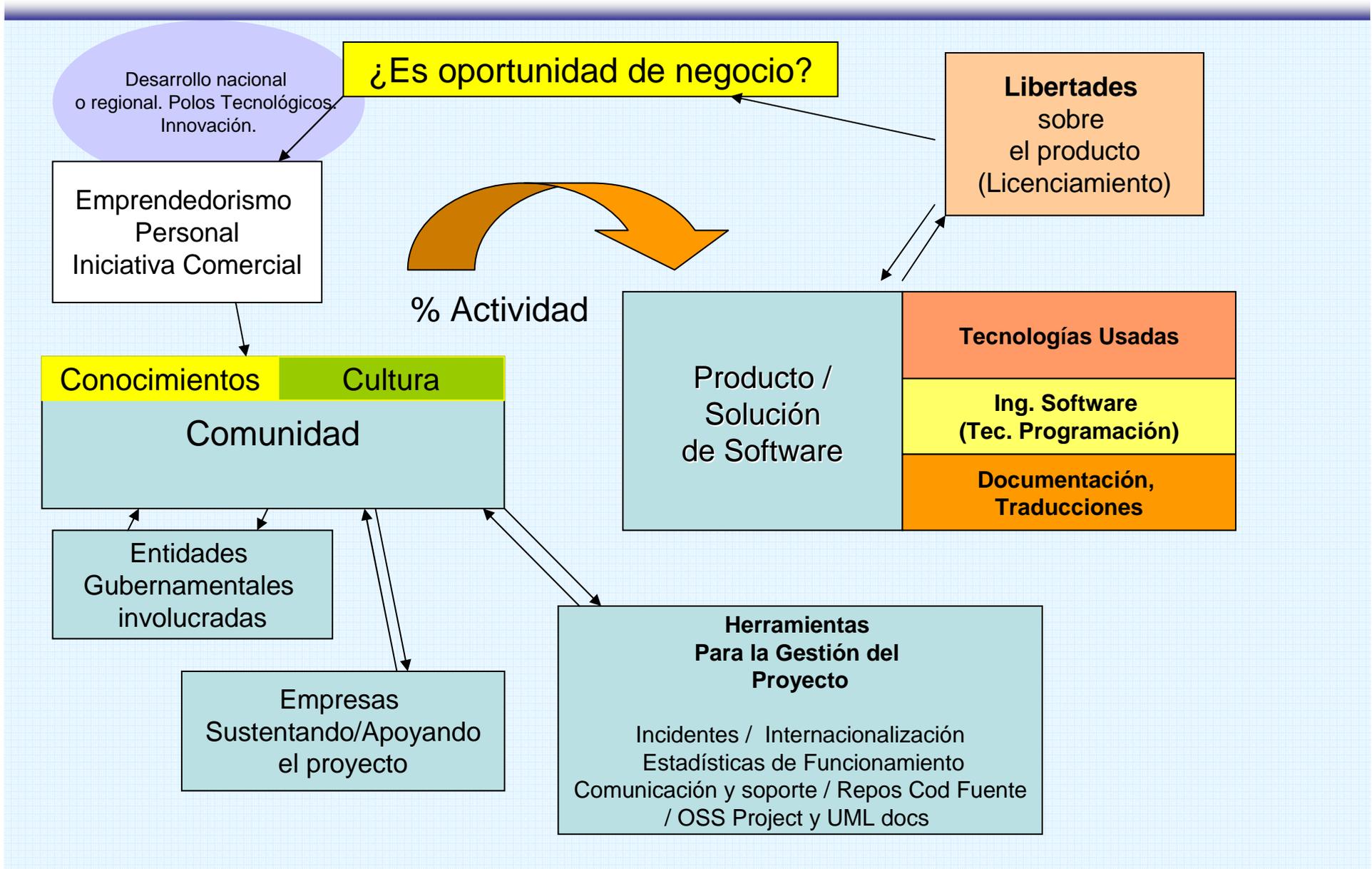
**Teoría + Política + Realidades**

**...Pequeña aproximación a un mundo heterogéneo...**

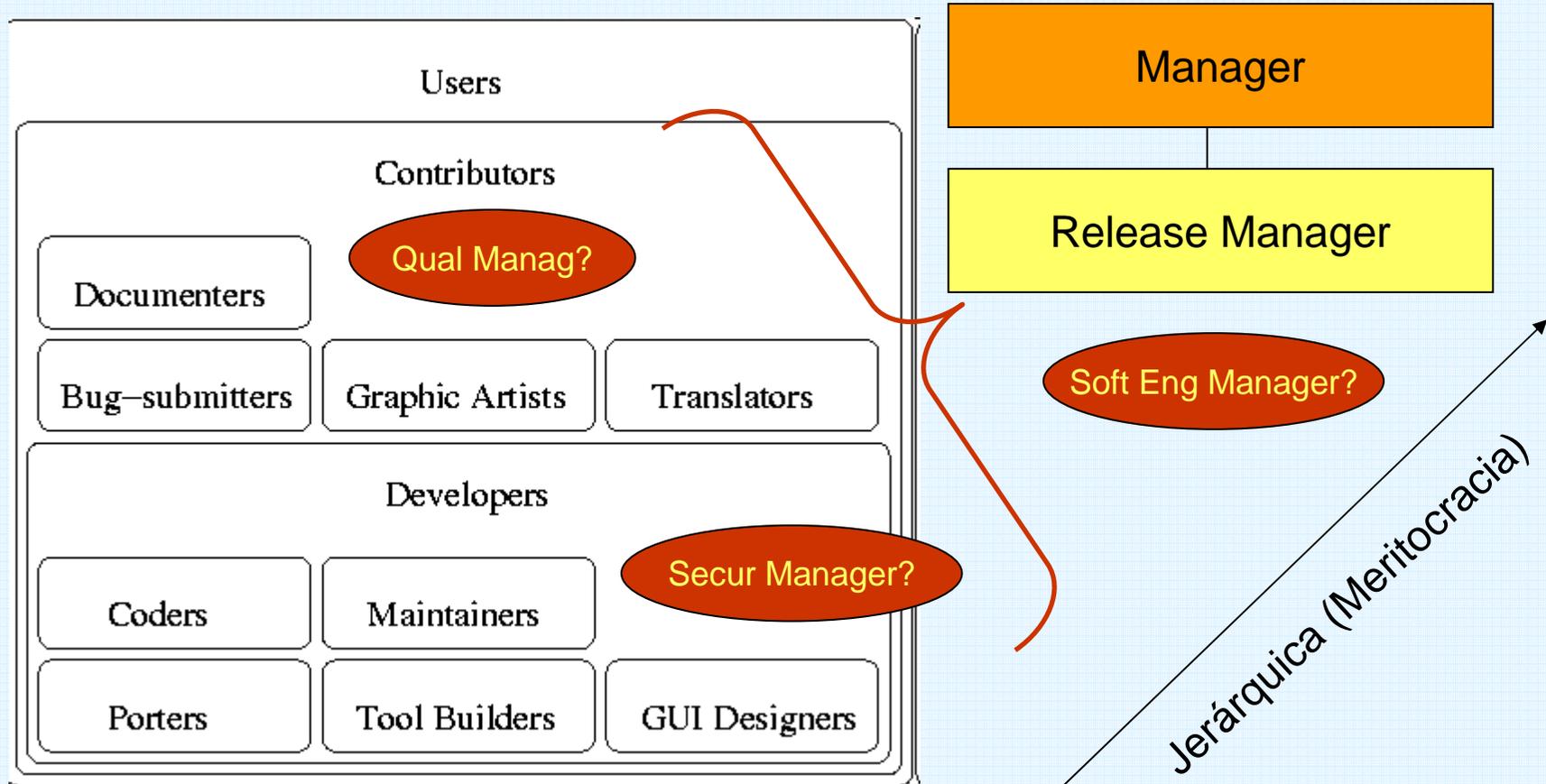
**Emiliano Marmonti**

Congreso ISIS3. Río de Janeiro. Brasil. Septiembre 2008

# Incompletísimo Modelo Conceptual - OSS



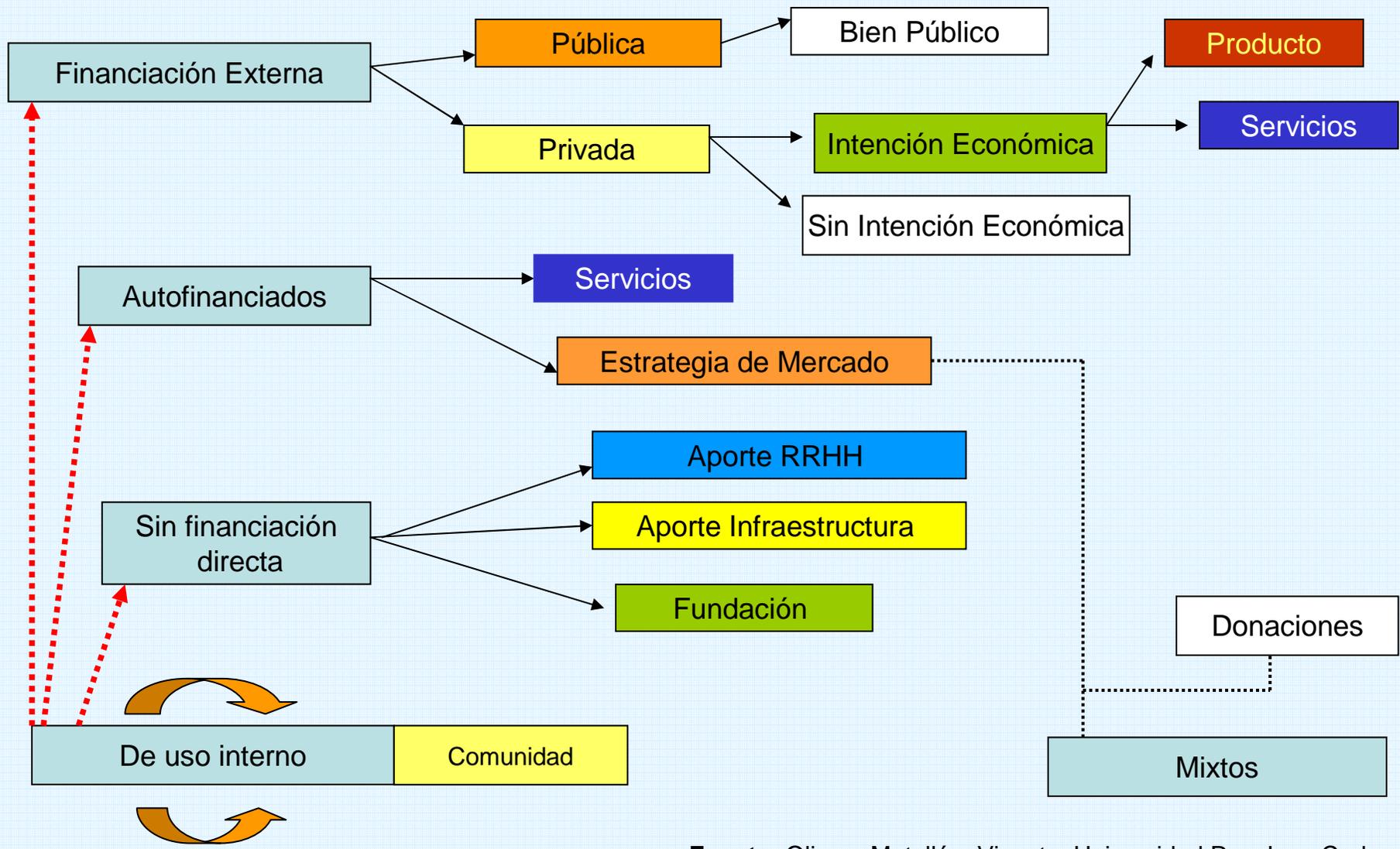
# Comunidades con un lugar para todos.



<http://www.oss-watch.ac.uk/resources/roles.xml>

Organización plana distribuída por roles

# ¿Como se financian los Proyectos OSS?



Fuente: Olivera Matellán, Vicente. Universidad Rey Juan Carlos

## 4 causas por las que el Estado debe usar OSS

### ¿La elección es sólo económica?

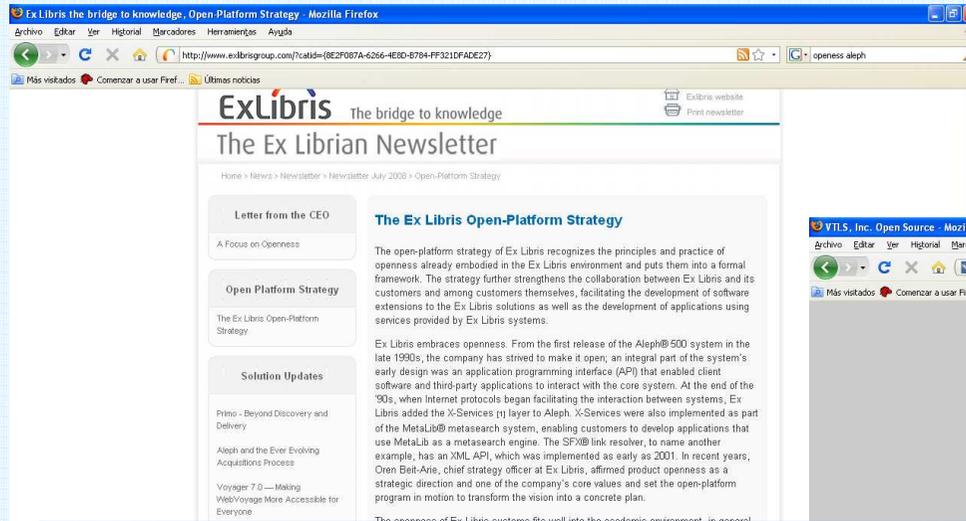
1. El Estado posee como **responsabilidad primaria** administrar y cuidar nuestros datos personales (Impuestos, Salud, Composición Familiar, etc). ¿Con qué herramientas debería realizar esta tarea?. Riesgos. Caso InterBase (<http://www.kb.cert.org/vuls/id/247371>)
2. **Formatos Neutros**. El estado debe tender por cuestiones de neutralidad comercial al uso de formatos neutros en la administración de sus datos. Caso Montblanc.
3. **Evitar** en lo posible las dependencias tecnológicas con partes comerciales y así someter los datos administrados a posibles fluctuaciones del mercado (Compras agresivas, desaparición de productos, etc).
4. El Estado en la Alfabetización Digital. ¿Enseñar a usar productos cerrados?
5. **Sustentamiento en el tiempo vs Licenciamiento paranoide-hardware-dependiente**: "...Oracle anunció una actualización de su política de precios, y de otorgamiento de licencias por procesador multi-core. ...Mientras que Oracle continúa reconociendo cada procesador central (core) como un procesador independiente, la definición de procesador ha sido modificada, ya que se relaciona con el conteo de chips multi-core para determinar la cantidad total de licencias de procesador necesarias. Ahora, las licencias de procesador requeridas dependen del chip multi-core específico sobre el cual está implementado el software Oracle...". [Revisado 10/9/2008]

## OSS vs Privativo. Relativizando.

- El Software Libre es gratuito. **Falso.**
- El Software Libre es **inseguro** técnicamente y “comercialmente”. **Falso.**
- El Software Comercial esclaviza al usuario. El Software Libre lo “libera” = **Cualquier usuario** al disponer del código fuente de su solución puede contratar un programador y con asume una independencia de su creador. **Depende:** de Tecnologías & Mercado.
- El Software Libre posee **problemas de calidad**. El Software Comercial no. Idem recíproca. **Depende:** Calidad no depende de las libertades de uso. Amplia comunidad. Mayor muestra en testing.
- Todas las **comunidades de software libre sobreviven realizando maravillosos productos** cuyo éxito es símil a Linux = La apertura del código fuente de una solución garantiza su continuidad en el tiempo y formación automática de una Comunidad de desarrollo. **Depende:** “...Open source projects on SourceForge are constantly initiated and go inactive; some of the inactive projects vanish completely from the server...”
- En las comunidades de desarrollo de software libre no hay conflictos personales ni comerciales. **Falso.**
- Las soluciones de software Libre se hallan **mal documentadas**. **Depende.**
- **Software libre es comunista** (¿!?). **Cómico.**
- El Software libre corre riesgo de resultar cerrado y luego comercializado. **Depende: (Licencia Dual?).**
- El modelo y comunidad de desarrollo en proyectos de Software Libre tienden a no usar metodologías ordenadas para el análisis y desarrollo (Ing. Software). **Depende. Oportunidad & Innovación.** (O’Reilly)

**Cita:** [Dawid, Weiss \(2005\) Quantitative Analysis of Open Source Projects on SourceForge.](#)  
[In: The First International Conference on Open Source Systems \(OSS 2005\), Genova, Italy.](#)

# OSS in Libraries. ¿Cambio en los paradigmas comerciales?



ExLibris the bridge to knowledge, Open-Platform Strategy - Mozilla Firefox

http://www.exlibrisgroup.com/?catId=(8E2F087A-6266-4E6D-B784-FF321DFADE27)

## The Ex Librian Newsletter

Home » News » Newsletter » Newsletter July 2008 » Open-Platform Strategy

**Letter from the CEO**  
A Focus on Openness

**Open Platform Strategy**  
The Ex Libris Open-Platform Strategy

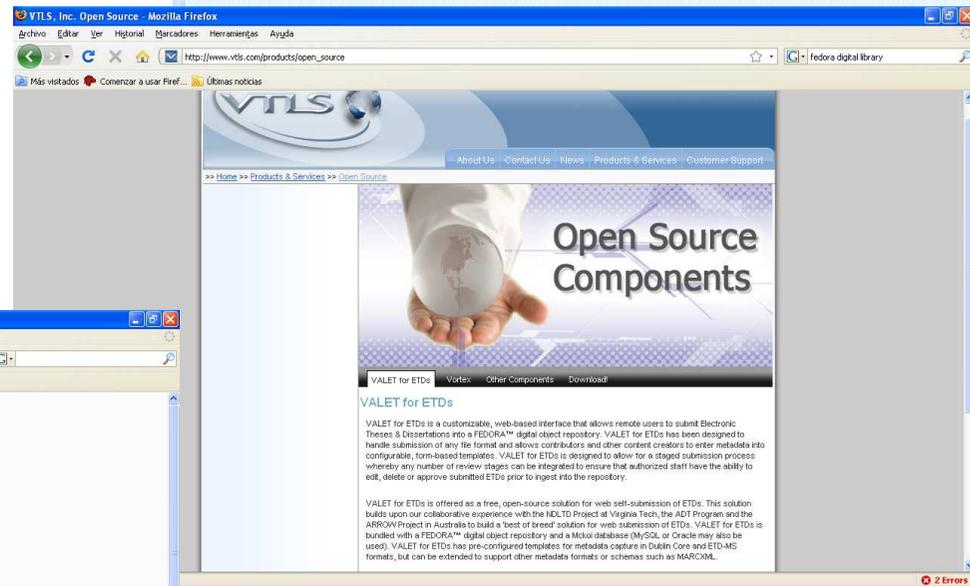
**Solution Updates**  
Pritio - Beyond Discovery and Delivery  
Aleph and the Ever Evolving Acquisitions Process  
Voyager 7.0 - Making WebVoyage More Accessible for Everyone

### The Ex Libris Open-Platform Strategy

The open-platform strategy of Ex Libris recognizes the principles and practice of openness already embodied in the Ex Libris environment and puts them into a formal framework. The strategy further strengthens the collaboration between Ex Libris and its customers and among customers themselves, facilitating the development of software extensions to the Ex Libris solutions as well as the development of applications using services provided by Ex Libris systems.

Ex Libris embraces openness. From the first release of the Aleph® 500 system in the late 1990s, the company has strived to make it open, an integral part of the system's early design was an application programming interface (API) that enabled client software and third-party applications to interact with the core system. At the end of the 90s, when Internet protocols began facilitating the interaction between systems, Ex Libris added the X-Services (x) layer to Aleph. X-Services were also implemented as part of the MetaLib® metasearch system, enabling customers to develop applications that use MetaLib as a metasearch engine. The SFX® link resolver, to name another example, has an XML API, which was implemented as early as 2001. In recent years, Oren Beit-Arie, chief strategy officer at Ex Libris, affirmed product openness as a strategic direction and one of the company's core values and set the open-platform program in motion to transform the vision into a concrete plan.

The openness of Ex Libris customers benefits the academic environment. In general,



VTL, Inc. Open Source - Mozilla Firefox

http://www.vtl.com/products/open\_source

## Open Source Components

VALET for ETDs

VALET for ETDs is a customizable, web-based interface that allows remote users to submit Electronic Theses & Dissertations into a FEDORA™ digital object repository. VALET for ETDs has been designed to handle submission of any file format and allows contributors and other content creators to enter metadata into configurable, form-based templates. VALET for ETDs is designed to allow for a staged submission process whereby any number of review stages can be integrated to ensure that authorized staff have the ability to edit, delete or approve submitted ETDs prior to ingest into the repository.

VALET for ETDs is offered as a free, open-source solution for web self-submission of ETDs. This solution builds upon our collaborative experience with the NDLTD Project at Virginia Tech, the ADT Program and the ARROW Project in Australia to build a "best of breed" solution for web submission of ETDs. VALET for ETDs is bundled with a FEDORA™ digital object repository and a MySQL database (MySQL or Oracle may also be used). VALET for ETDs has pre-configured templates for metadata capture in Dublin Core and ETD-MS formats, but can be extended to support other metadata formats or schemas such as MARCXML.



Open Source Library Software - Liblime - Mozilla Firefox

http://liblime.com/products

## Open Source Library Software

Pick the product that's right for you

Liblime's open-source offerings represent best-of-breed technology platforms that enable new realities of open access, interoperability, and free innovation. Libraries and consortia of all types and sizes can deploy these solutions with confidence. Liblime support couples the innovation of open source and the security of outstanding customer service and support.

### Library Automation Solutions:

 <p><b>Koha Classic</b> For small and mid-sized libraries who need:</p> <ul style="list-style-type: none"><li>• A friendly, intuitive, web-based catalog</li><li>• Library standards compliance (MARC, Z39.50)</li></ul>	 <p><b>Koha ZOOM</b> For large libraries and consortia who need:</p> <ul style="list-style-type: none"><li>• A powerful full-featured search engine</li><li>• Scalability to tens of millions of records</li><li>• Multiple record formats (MARC, MARCXML, etc.)</li></ul>
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**Muchas Gracias**  
**Thank you very much**  
**Obrigado**

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