

From ILS to Library Services Platforms: needs and difficulties for change in a university library

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The Library of the Universitat de València

- ▶ 4 big thematic libraries (Science, Humanities, Health, Social Sciences)
- ▶ 2 minor specialized libraries (Education, Psychology and Sports)
- ▶ 3 singular libraries (Historic Library, Botanic Garden, Deposit Library)
- ▶ 2 archives, 4 information centres

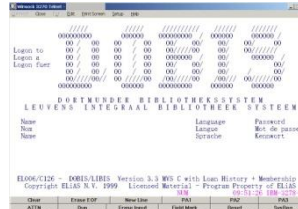
- ▶ 70.000 users
- ▶ 1.100.000 titles in the catalogue (1.300.000 items)
- ▶ 407 millions of items in the Discovery (more than 2 millions books, 143.000 journals...)
- ▶ 930.000 circulation transactions per year
- ▶ 3.400.000 visits to the OPAC per year

The Library of the Universitat de València



Some history

1990-2003: Dobis-Libis



2004: Millennium , Innovative Interfaces
(implementation and basic modules: cataloguing,
circulation and OPAC)



2005-2010: New modules and tools: serials, requests,
acquisitions, ldap, course bibliography...

2007: 360 Serials Solution for e-resource subscriptions and
management



2008: Integration of e-resources into the catalogue

2010: Institutional repository Roderic (Dspace)



2010: ERM (iii)

2014: Discovery Summon, 360 Link



Main web spaces

The screenshot shows the search results page for 'gabriel garcia marquez biografia' on the Universitat de València library website. The page is in Spanish and displays 2,310 results. The search bar at the top contains the query and a 'Buscar' button. The results are sorted by 'Relevancia'. The first result is 'Gabriel García Márquez, el viaje a la semilla: la biografía' by Saldívar, Dasso, published in 1997. The second result is 'Gabriel García Márquez: una vida' by Martin, Gerald, published in 2009. Below the results, there is a section for 'Noticias de prensa sobre "gabriel garcia marquez biografia"', featuring an article titled 'Lanzará experto británico la biografía de Gabriel García Márquez' by Anonymous, dated 20/06/2008. On the right side, there is a summary of 'Gabriel García Márquez' from Wikipedia. The left sidebar contains filters for 'LIMITE LA BÚSQUEDA', 'TIPO DE CONTENIDO', and 'DISCIPLINA'. The top navigation bar includes links for 'Contacta', 'Biblioteca', 'Trobos clàssic', 'El Meu Compte', 'Ayuda', and 'Español'.

UNIVERSITAT ID VALENCIA trobes+

gabriel garcia marquez biografia

2.310 resultados ordenados por Incluir colecciones ajenas a la Biblioteca

[Relevancia](#)

Gabriel García Márquez, el viaje a la semilla: la biografía
por [Saldívar, Dasso](#)
1997
 Libro: [DISPONIBLE, BID.M4 10414, Biblioteca Dipòsit](#)

Gabriel García Márquez: una vida
por [Martin, Gerald](#)
Debate Biografia, 2009
 Libro: [DISPONIBLE, HU 929/1200, Humanitats Planta 2](#)

Noticias de prensa sobre "gabriel garcia marquez biografia"

Lanzará experto británico la biografía de Gabriel García Márquez
por [Anonymous](#)
NOTIMEX, 20/06/2008

Gabriel García Márquez
De Wikipedia, la enciclopedia libre

Gabriel José de la Concordia García Márquez, mejor conocido como Gabriel García Márquez (escuchar) (Aracataca, Colombia, 6 de marzo de 1927), es un escritor, novelista, cuentista, guionista y periodista colombiano. En 1982 recibió el Premio Nobel de Literatura ("ver: Premios, reconocimientos y homenajes"). [Leer más](#)

LIMITE LA BÚSQUEDA

- ✓ **Cualquiera**
 - Texto completo en línea
 - Publicaciones académicas
 - Catálogo de la biblioteca

TIPO DE CONTENIDO

- ✓ **Cualquiera**
 - Libro / Libro el...
 - Noticia de prensa
 - Artículo científ...
 - Tesis
 - Reseña de libro
 - Más...

DISCIPLINA

- ✓ **Cualquiera**
 - Lengua y Literat...
 - Historia y Arque...
 - Ciencias Políticas
 - Educación

Systems ARE NOT the goal itself

- ▶ **Goals of a university library nowadays:**
 - ▶ Managing different collections
 - ▶ Organizing information
 - ▶ Offering targeted services: students, teaching staff, researchers and general public

- ▶ **Are ILS the solution to these goals now?**
 - ▶ No
 - ▶ Well... partially, they are.

Changes in the last years

- ▶ Changes in resources → E-resources
- ▶ Changes in purchasing and access methods → E-books, DDA...
- ▶ Changes in technology → Web systems, Services-Oriented Architecture (SOA), Open systems, SaaS, cloud computing...
- ▶ Changes in the approach: European Higher Education Area (EHEA) → New services, management of spaces and resources, Information Literacy teaching (Ci2) ...
- ▶ Changes in the university organization → The library is not isolated any more (nor inside nor outside the institution)

Well, then we adapt ...

- ▶ Staff get moving...
- ▶ Use of different and specific systems for different tasks
- ▶ Evolution of classics ILS
- ▶ New products in the marketplace
- ▶ New library standards

Well, then we adapt...

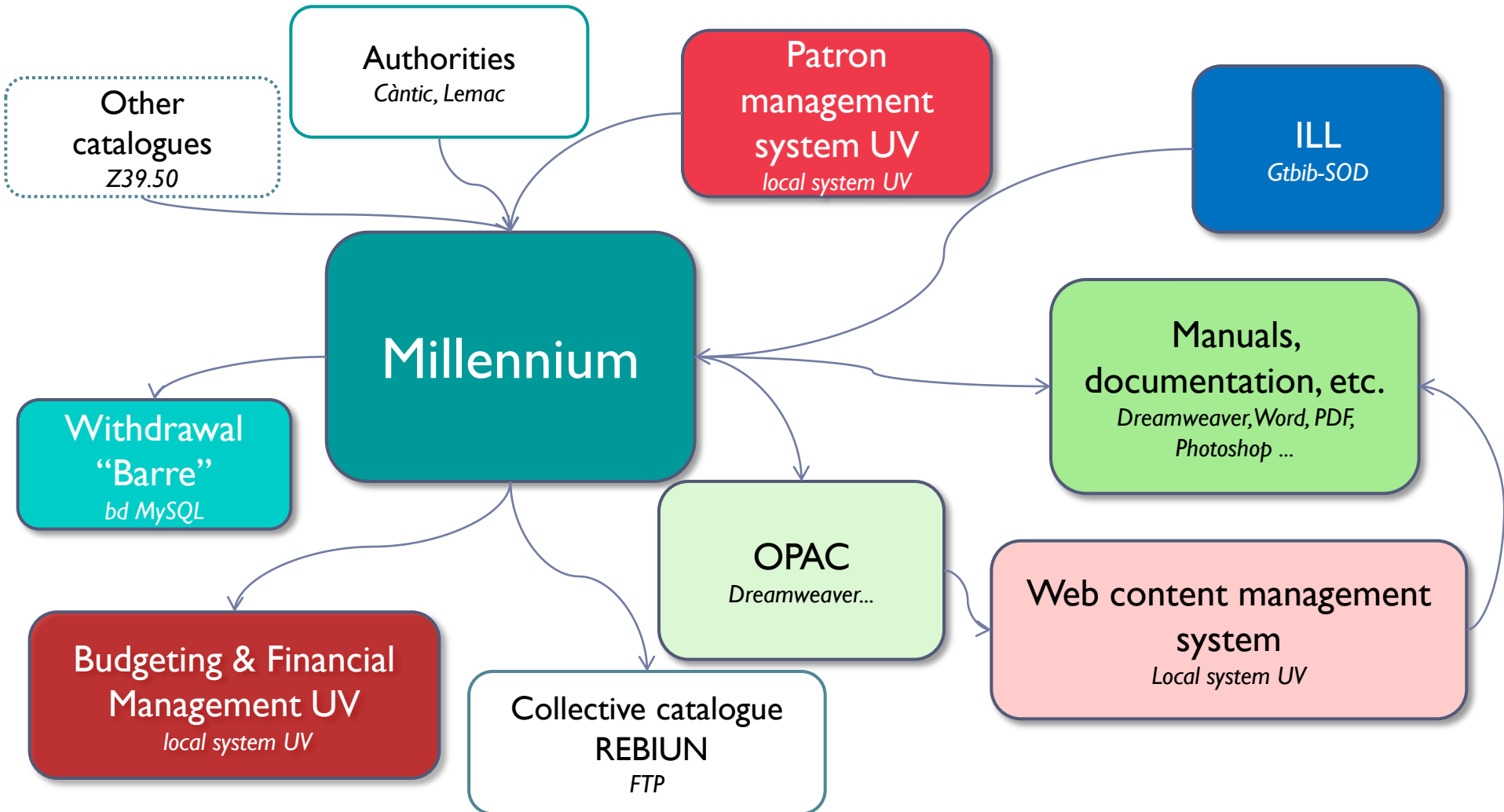
- ▶ A constellation of systems
 - ▶ *ILS*
 - ▶ *Electronic Resource Management (ERM)*
 - ▶ *Repository / Digital Library*
 - ▶ *Web content management system*
 - ▶ *Discovery*

- ▶ *...And new utilities (enriched content, citation software, web 2.0, mobile web...)*
- ▶ *...And participation in other projects inside the university*
- ▶ *...And other collaborative projects outside the institution*



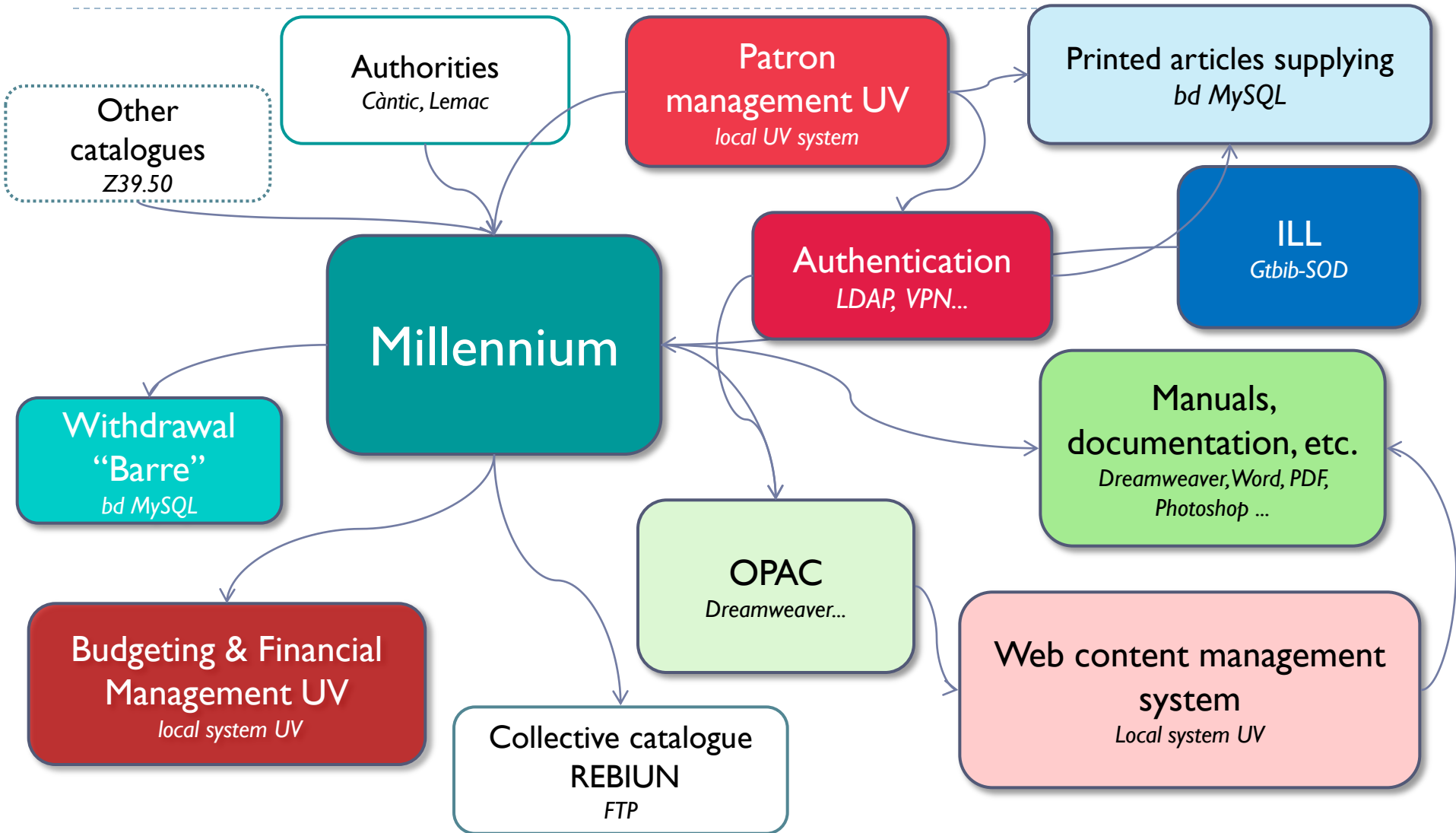
For instance...

In a world of paper



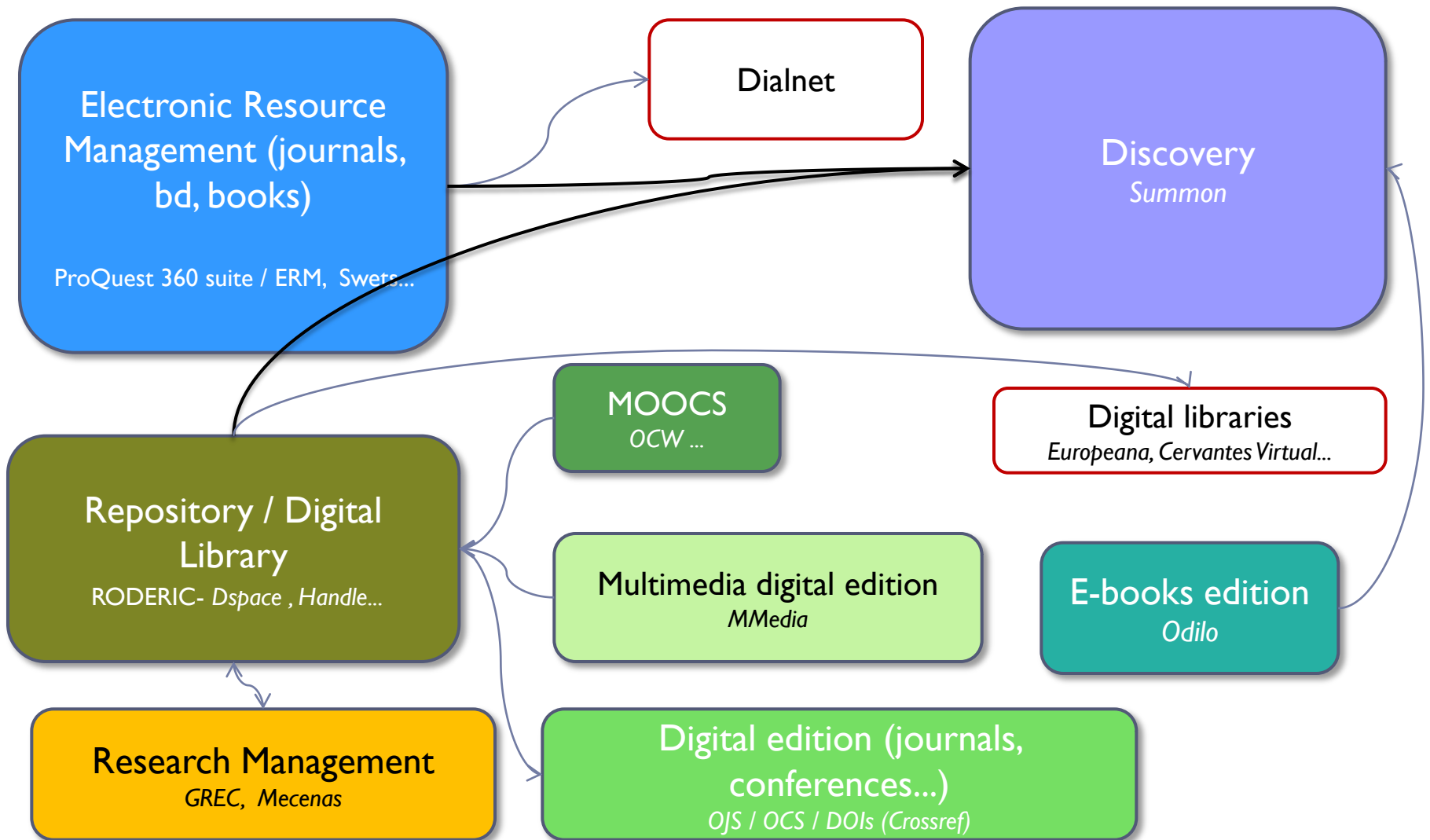
For instance...

In the beginning



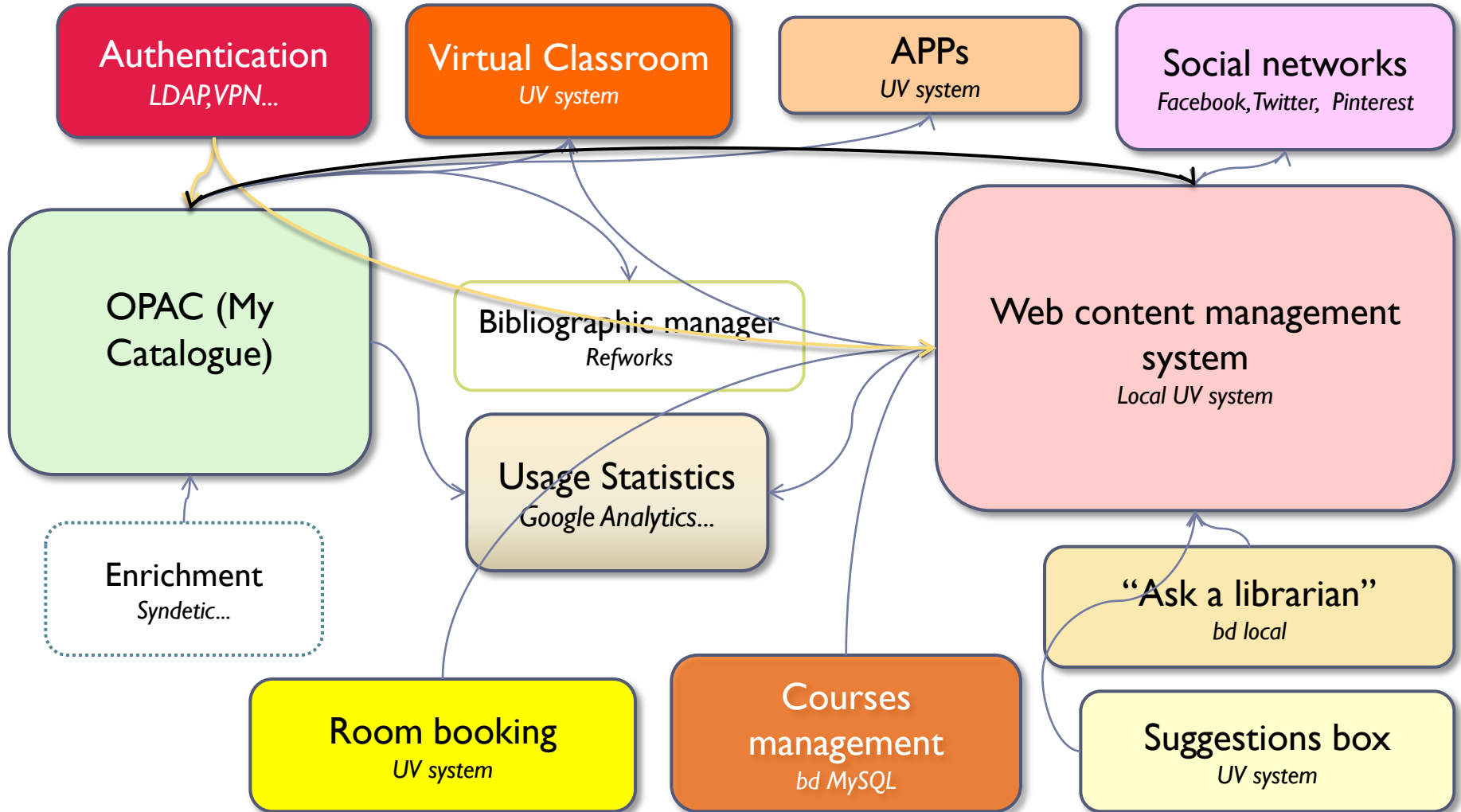
For instance...

E-resources



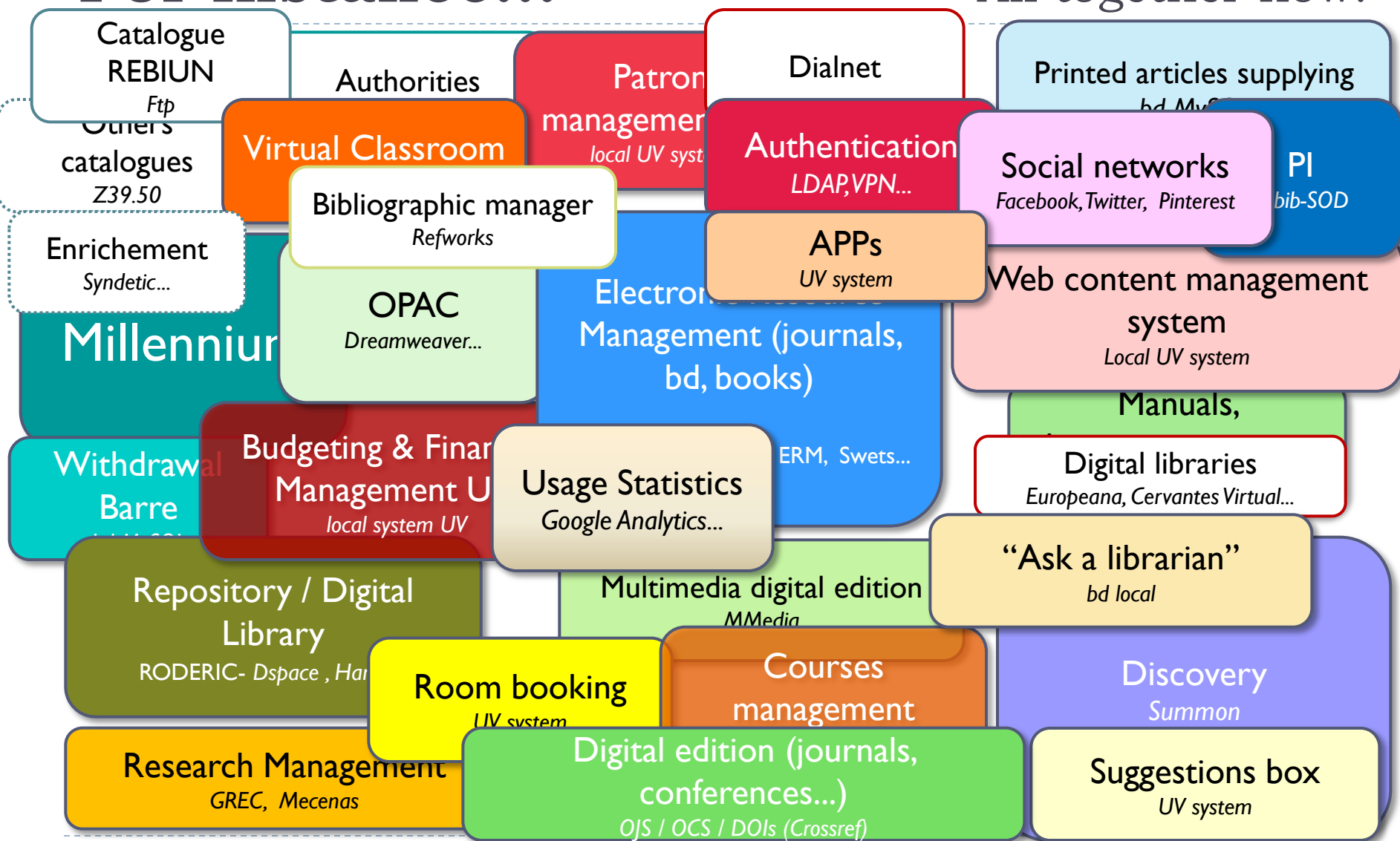
For instance...

E-services



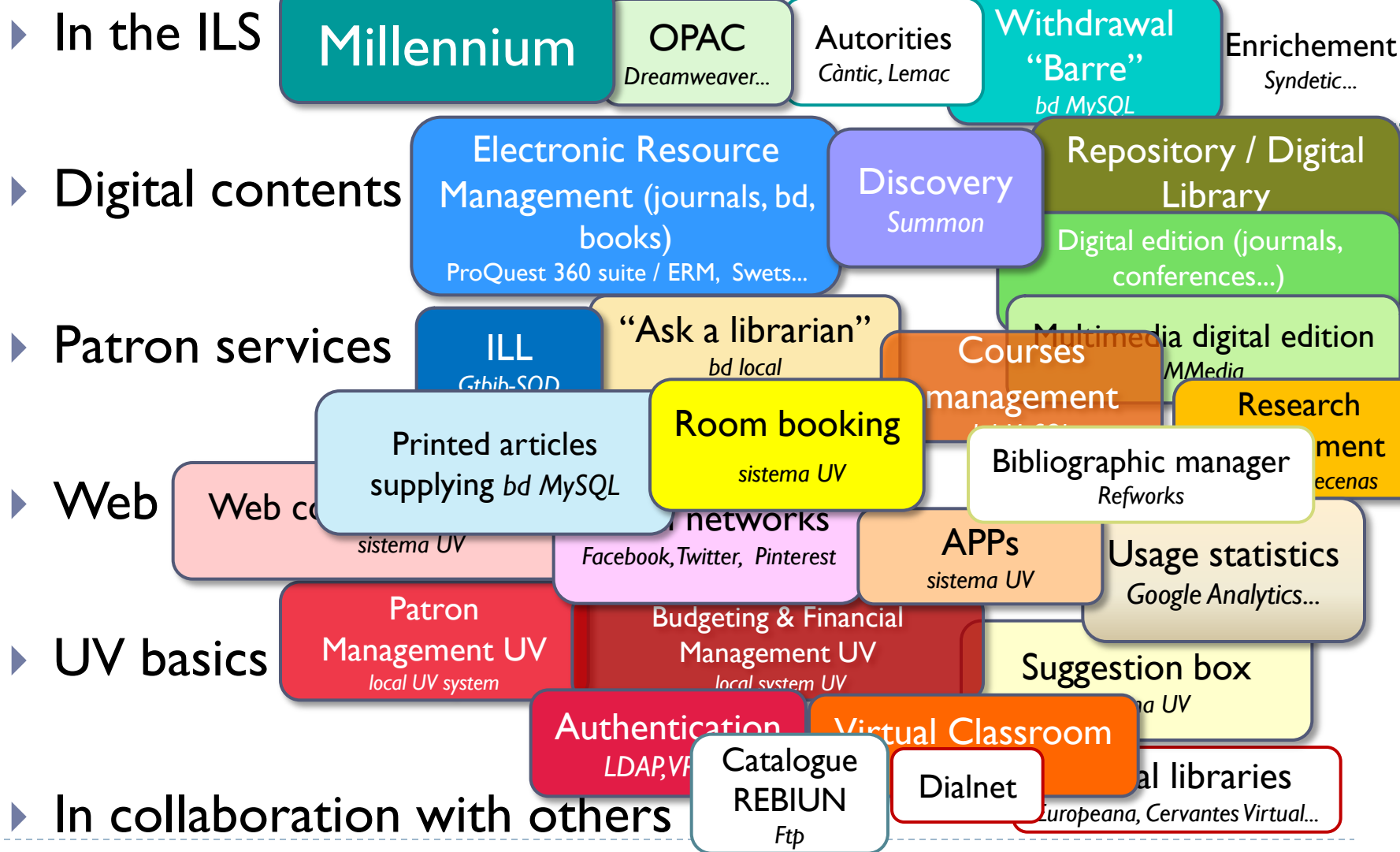
For instance...

All together now!



For instance...

Order!!!



For instance...

In summary

- ▶ 5 main systems (Millennium, ProQuest 360, Repository, Web, Summon)
- ▶ 9 specific systems
- ▶ 9 systems in collaboration with other departments UV
- ▶ 7 systems in collaboration with other institutions

- ▶ Connexion between systems: APIs, OAI-PMH, FTP (*email, phone call...*)
- ▶ Commercial software (local or SaaS) and Free + developments

Well, then we adapt...

▶ ***A CONSTELLATION OF SYSTEMS!!!***



- ▶ The same task repeated many times in different points
- ▶ Lack of coordination
- ▶ Inconsistency
- ▶ Inefficiency
- ▶ Re-using data is problematic
- ▶ Extra effort for human resources that do not grow

Are Library Services Platforms the solution?

A lot of bibliography about the issue in the last years:

- ▶ Marshall Breeding analysis in his Annual Reports on Library Systems
- ▶ Information Standards Quarterly (fall 2012) “Future of Library Systems”
- ▶ “Next Generation of Library Systems”, Dartmouth College Library (2013)
- ▶ NISO Virtual Conference on Library Data in the Cloud (24th September 2014)
- ▶

Are Library Services Platforms the solution?

- ▶ Technological advantages are evident:
 - ▶ Manage print + electronic collection
 - ▶ SOA, Open systems, multitenant SaaS
 - ▶ Library Services Platforms interesting specially for academic libraries
 - ▶ Strengthen advantages of strategic cooperation

Are Library Services Platforms the solution?

But also some insecurities:

- ▶ Connectivity must be excellent
- ▶ Security of data and services
- ▶ More dependence on commercial firms
- ▶ Deep changes in workflows and staff routines

- ▶ Other specific systems already in production
- ▶ Changes in commercial alliances

Are Library Services Platforms the solution?

Sooner or later, but...

- ▶ Investments already done should be amortized
- ▶ Economic difficulties → prices (models) should be reasonable
- ▶ Justify the investments in *invisible* internal processes

- ▶ Communication between systems is the crucial point
- ▶ Deep study of real needs inside the institution as a whole

Identifying critic intersections

- ▶ Metadata management (MARC, XML, DC, RDA, BIBFRAME...)
- ▶ Normalization / Authorities (LOD, VIAF, ORCID, ISNI...)
- ▶ Economic & Budgeting
- ▶ Patron data and authentication
- ▶ Fulfillment data

The tyranny of market

- ▶ Competition between a reduced number of firms (5 or 6)
- ▶ Agreements and disagreements between parts
- ▶ Library adapt to commercial developments ... Or it should be the other way?
- ▶ Technological changes are here... But are we ready to have access just now?

Count on what we have...

- ▶ Economic and human resources quite limited
- ▶ Investments done in software, hardware and staff training
- ▶ Organizational Structure in the library and university
- ▶ University and Technology department policies
- ▶ Security Service and data privacy guarantees
- ▶ Culture of (no) change

- ▶ And current systems that are working in a quite satisfactory way

Finding the right moment....

- ▶ When the advantages are really obvious
 - ▶ Technological advantages → What can we do? (library objectives)
 - ▶ Functional benefits → With fewer resources and time (efficiency)
 - ▶ Economic advantages → How much we save? (realism)
- ▶ When we need to change servers or software
- ▶ When the evolution of the products consolidates (i?)
- ▶ When the use of LOD becomes a necessary asset for libraries and end-users

An exciting landscape

- ▶ Global resource management
- ▶ Definition of complete workflows (apart from specific applications)
- ▶ Broad and flexible performance data
- ▶ Openness to other systems
- ▶ LOD, a world of possibilities
- ▶ Working in the cloud, delegating technical routines (SaaS)

- ▶ **Facilities to focus on creative user-centered services**

Muchas gracias !

Thank you!

Grazie mille !

