

A Fundamental Overview of Library Automation

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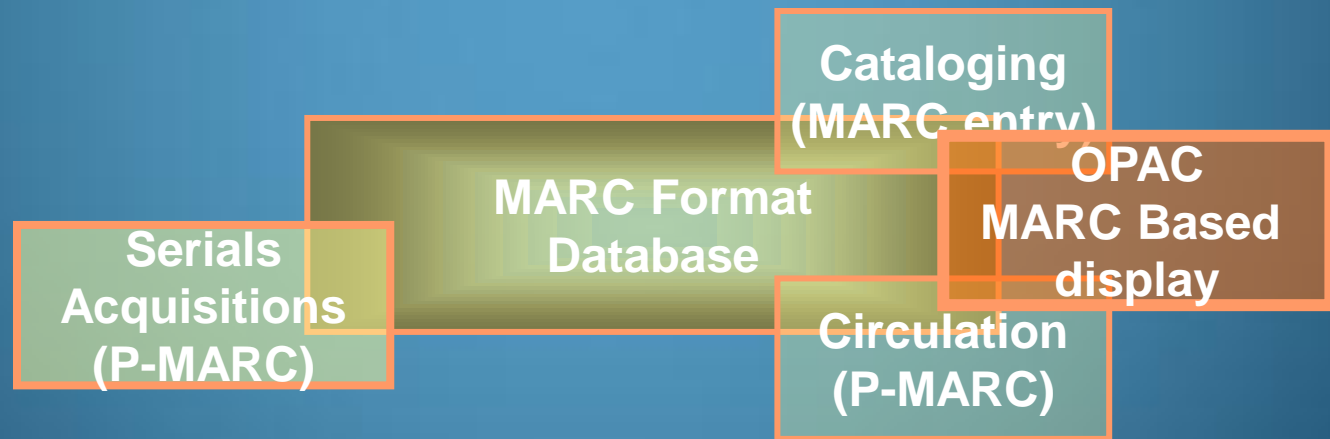
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Aspects of automated library services

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Type Prod/Service	Colleges	Universities	K-12 Schools	Public Libraries
	1 system serving all 28 Ex Libris "Aleph"	1 system serving all 11 Ex Libris "Aleph"	67 School districts – both school and district models (Variety of vendors)	~85 local /county/multi-county systems (Variety of vendors)



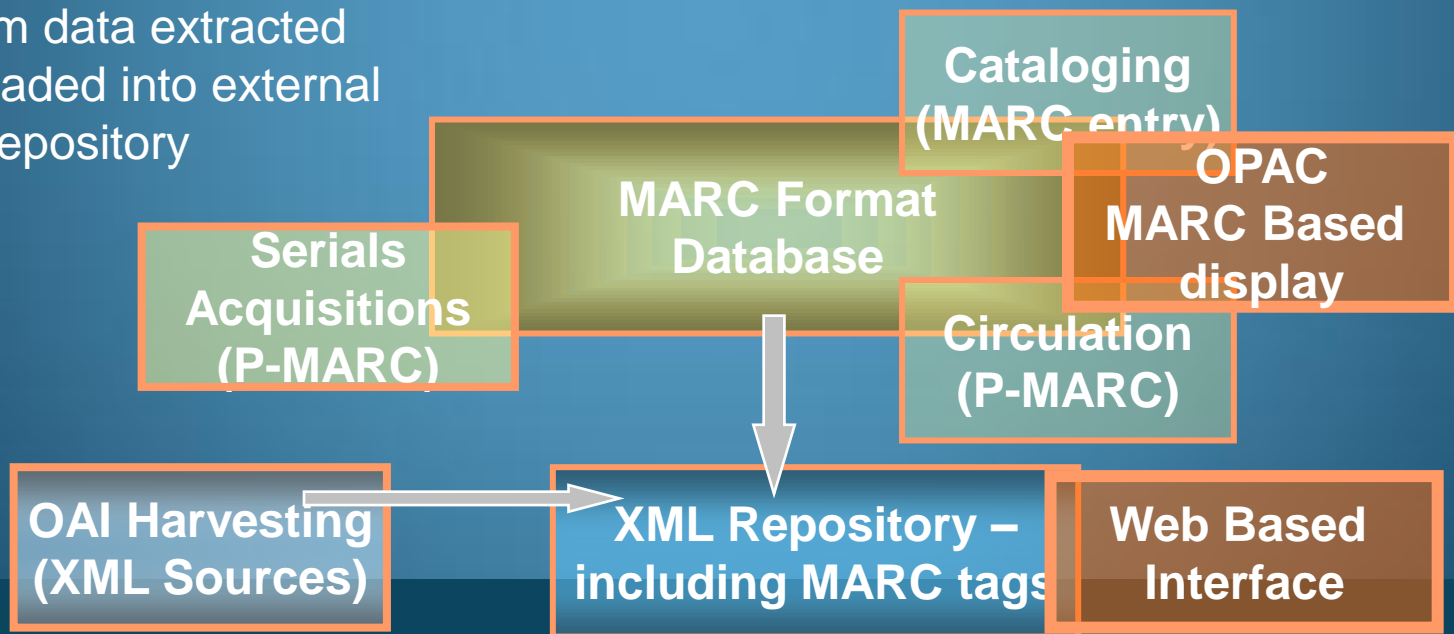
System Architecture

Aspects of automated library services

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Type Prod/Service	Colleges	Universities	K-12 Schools	Public Libraries
“Discovery Tool” (single search library holdings and eContent)	Ex Libris “PRIMO” based LINCCWEB 2.0	Endeca based MANGO	None yet	5 “Aquabrowser” installations (Alachua, Brevard, Broward, Dade, Char/Glds)

System data extracted and loaded into external XML repository



Aspects of automated library services

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Type Prod/Service	Colleges	Universities	K-12 Schools	Public Libraries
Union Catalog	CCLA Based by-product of single system OCLC option	FCLA Based by-product of single system OCLC option	SUNLINK	FEL supported special subset of OCLC WorldCat OCLC option

The combination of the holdings of multiple libraries
VIA the extraction from the local LMS and ingestion into
a central union catalog product or location
OR as a by-product of a centralized shared Library
Management System
OR as a by-product of record use (as in the case of
OCLC)

Aspects of automated library services

Contracted access to electronic resources (databases, collections of images, ebooks, audio material etc) for a subscription or license fee under specific terms and conditions – normally FTE based fee structures

Type Prod/Service	Colleges	Universities	Public K-12 Schools	Public Libraries
eResources	FEL (Federal \$)	FEL (Federal \$)	FEL (Federal \$)	FEL (Federal \$)
	66 w/state funds 52,000 ebooks w/state funds	184 w/ state funds		
	204 w/local funds (1-10 colleges) ebooks w/local funds	~1200 w/local funds (1-11 universities) ebooks w/local funds	Plus -- Unknown licensed w/local funds ebooks w/local funds	Plus -- Unknown licensed w/local funds ebooks w/local funds

Aspects of automated library services

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Type Prod/Service	Colleges	Universities	Public K-12 Schools	Public Libraries
OCLC Memberships with full holdings (Services vary by payment)	28, but coverage varies by primary cataloging source	11, coverage up to date	2 Districts (Palm Beach and Pasco – coverage unknown)	118, coverage updated at least annually

OCLC Products and Services

- Membership (fee based – 501.(c)3 – 71,000 libraries worldwide)
- Cataloging Record Use (fee based) – library holdings show up in WorldCat.org
- Interlibrary Loan (fee based)
- WorldCat Local (fee based local and consortial catalog products)
- FirstSEARCH (fee based eResource access)
- NetLIBRARY (fee based eBook provider)
- Worldcat.org (web site of member library materials holdings available on the web – 1,465,611,129 library holdings from 112 countries)
- Various other products for fee or purchase