

UNSWLIBRARY

ALEPH Integrated ILL

ISO ILL at UNSW

ANZREG 2009

Library Application Support Unit

University of New South Wales

Implementation of ILL2 @ UNSW

- What is ALEPH 18 Integrated ILL?
- Standards-based interoperability
- UNSW ILL processes: manual → automatic
- Integration with other ALEPH modules
- Issues
- Gains and going ahead

What is ALEPH Integrated ILL?

- UNSW Integrated modules:
 - Acquisitions & Serials
 - Cataloguing
 - Circulation
 - OPAC
 - Administration
 - ILL * non-ISO compliant
 - ILL2 * ISO

What is ALEPH Integrated ILL?

- Supply-chain management tool
 - efficient supply of documents from one library to another
 - borrowing: documents requested from other libraries
 - lending: documents supplied to other libraries
 - record keeping
 - staff: request management tool
 - patron services: requesting, tracking, notification, history

Pre-ILL2 Workflow



14/01/2009

ill-statistic-report-00

ILL Lending Library Statistical Report

From Date: 01/12/2008

To Date: 31/12/2008

Lending Library: NSWIL

Global Summary

Requester Id	Total	Pending	Cancelled	Not Supplied	Filled	Filled %	Avg. Fill Days	Avg. Ship Days	Avg. Return Days
AUS:AIH	1	0	0	0	1	100.00	1.00	0.00	0.00
AUS:CONN	1	0	0	0	1	100.00	1.00	0.00	0.00
AUS:ENERGY	1	0	0	0	1	100.00	1.00	0.00	0.00
AUS:FJC	4	0	0	0	3	75.00	5.66	0.00	0.00
AUS:FSANZ	7	0	0	1	6	85.71	1.16	0.00	0.00
AUS:GILB	1	0	0	0	1	100.00	0.00	0.00	0.00
AUS:KIDS	3	0	0	0	3	100.00	1.66	0.00	0.00
AUS:MALL	2	0	0	0	2	100.00	0.00	0.00	0.00
AUS:MCKINSEY	1	0	0	0	1	100.00	0.00	0.00	0.00
AUS:NCCYP	3	0	0	1	2	66.66	1.00	0.00	0.00
AUS:NFDC:Q	2	0	0	0	2	100.00	15.00	0.00	0.00
AUS:NFSIA	1	0	0	0	1	100.00	3.00	0.00	0.00
AUS:NNPL	2	0	0	1	1	50.00	1.00	0.00	0.00
AUS:NNPW	2	0	0	0	2	100.00	0.00	0.00	0.00
AUS:NPMH	1	0	0	0	1	100.00	3.00	0.00	0.00
AUS:NRTA	3	0	0	1	2	66.66	0.00	0.00	0.00
AUS:NSCL	1	0	0	0	1	100.00	1.00	0.00	0.00
AUS:NSPF	1	0	0	0	1	100.00	0.00	0.00	0.00
AUS:NSTLP	1	0	0	0	1	100.00	1.00	0.00	0.00
AUS:QBON	3	0	0	0	3	100.00	6.33	0.00	0.00
AUS:SEMF	1	0	0	0	1	100.00	0.00	0.00	0.00
AUS:SMEC	1	0	0	0	1	100.00	27.00	0.00	0.00
AUS:TAL	1	0	0	0	1	100.00	1.00	0.00	0.00
AUS:TPE	2	0	0	0	2	100.00	0.00	0.00	0.00
AUS:TSCJ	1	0	0	0	1	100.00	2.00	0.00	0.00
AUS:VDPI	1	0	0	0	1	100.00	1.00	0.00	0.00
AUS:VIFP	1	0	0	1	0	0.00	0.00	0.00	0.00
AUS:VMBS	1	0	0	0	1	100.00	1.00	0.00	0.00
AUS:VMOU	2	0	0	0	2	100.00	0.50	0.00	0.00
AUS:VRW	1	0	0	0	1	100.00	1.00	0.00	0.00
AUS:VWEH	1	0	0	0	1	100.00	1.00	0.00	0.00
AUS:WOSA	1	0	0	0	1	100.00	0.00	0.00	0.00
AUS:WUTZ	1	0	0	0	1	100.00	5.00	0.00	0.00
INFO:DOCR	2	0	0	1	1	50.00	3.00	0.00	0.00

Print

Close

Close All

Standards-based interoperability

- Standards-based
 - ‘compliant’ with ISO standards
- Interoperable
 - transacts with other ISO ILL systems, e.g. Relais, VDX

Standards-based interoperability

- ISO ILL standards
 - 10160 (AS/NZS 4196)
 - defines Interlibrary Loan services
 - 10161-1 (AS/NZS 4197.1)
 - defines protocol and behaviour that must be exhibited by a system in order to provide ISO ILL service
 - 10161-2 (AS/NZS 4197.2)
 - protocol conformance statement; implementers to complete in order to be genuinely ISO ILL compliant

Standards-based interoperability

pc_server log

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2009-01-14 08:15:28 [log] ill_send_apdu - START
2009-01-14 08:15:28 [log] ill_send_apdu - Ill Partner Code 'NLA:NCSU:E'
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[ver] - illclient - APDU
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2009-01-14 08:15:28 [log] ill_send_apdu - Return Value '00'
2009-01-14 08:15:28 [log] ill_send_apdu - END
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Standards-based interoperability

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!ItemType		592## a					
Author		100## a		23			
Title		245## a		23			
SubTitle		245## b		23			
PlaceOfPublication		260## a		23			
Publisher		260## b		23			
PublicationDate		260## c		24	ISS## y		
PublicationDateOfComp		ISS## ymd					
SeriesTitleNumber		440## a					
VolumeIssue		ISS## vi					
Edition		250## a					
AuthorOfArticle		700## a		23			
TitleOfArticle		740## a		23			
Pagination		ISS## p		23			
ISBN		020## a		02			
ISSN		022## a		03			
HeldMediumType		FMT##					
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TitleOfPart		945## a		23			
AuthorOfPart		905## a		23			
!TitleOfPart		74002					
!AuthorOfPart		70012					
IssueDesignationY		ISS## y					

Standards-based interoperability

xxx40 bibliographic record

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FMT L SE
LDR L ^^^^^nas^a22^^^^^^a^4500
008 L -----b-----r-----000-0-und-d
022 L $$a0803-706X
24510 L $$aInternational forum of psychoanalysis.
592 L $$aSE$$bSerial
592 L $$aGV
70012 L $$aKehl, M.R., Moore, T.
74002 L $$aAdvertising, Perversions, Neurosis
ISS L $$y2005$$v14$$p210-216
CAT L $$aWWW-OPAC$$b00$$c20090112$$1NSW40$$h1319
CAT L $$aKLEHTONEN$$b00$$c20090112$$1NSW40$$h1444
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Standards-based interoperability

illsv log

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LDR L ^^^^^nam^^22^^^^^^a^4500
022 L $$a1460-2156
100 L $$aHighWire Press.;Oxford University Press.;ProQuest Information and Learning Company.
245 L $$aBrain
260 L $$aOxford$$bOxford University Press.$$c1966
300 L $$a235-268
440 L $$aHighWire Press.;Oxford University Press.;ProQuest Information and Learning Company.
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461 L $$aNLA:NNCU
473 L $$aUniversity of Newcastle, Callaghan
46501 L $$a1412905
46502 L $$a2867400
472 L $$aNLA:NNCU
478 L $$aUniversity of Newcastle, Callaghan
471 L $$aNLA:NUN
479 L $$aUniversity of New South Wales
474 L $$a20090113
475 L $$a231412
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590 L $$aUniversity of Newcastle/INNOPAC
572 L $$aFalse
70012 L $$aAdam, J.H., et al.
74002 L $$aThe effects of systemic hypotension upon the human brain: Clinical and neuropathological observations in 11 cases
852 L $$aVol. 49 (1926)-v. 53 (1930) ; v. 60 (1937)-v. 125, no. 12 (Dec. 2002) MB
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Standards-based interoperability

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74002 IllRequest.ItemId.TitleOfArticle
74002 RequestSubmissionMessage.ItemInfo.ArticleTitle
020 IllRequest.ItemId.ISBN
020 RequestSubmissionMessage.ItemInfo.ISBN
022 IllRequest.ItemId.ISSN
022 RequestSubmissionMessage.ItemInfo.ISSN
100 IllRequest.ItemId.Author
100 RequestSubmissionMessage.ItemInfo.Author
245 IllRequest.ItemId.Title
245 RequestSubmissionMessage.ItemInfo.Title
250 IllRequest.ItemId.Edition
260 IllRequest.ItemId.PlaceOfPublication
260 RequestSubmissionMessage.ItemInfo.PlaceOfPublication
300 IllRequest.ItemId.Pagination
300 RequestSubmissionMessage.ItemInfo.Pagination
459 IllRequest.SearchType.LevelOfService
460 IllRequest.DeliveryAddress.ElectronicAddress.TelecomServiceAddress
461 *.TransactionId.InitialRequesterId.PersonOrInstitutionSymbol.Institution
46201 IllRequest.DeliveryService.PhysicalDelivery
46202 IllRequest.IllServiceTypeSeq.IllServiceType
464 IllRequest.SearchType.NeedBeforeDate
464 RequestSubmissionMessage.RequestConditions.RequestRequirements.ClientNeedBeforeDate
46501 *.TransactionId.TransactionGroupQualifier
46502 *.TransactionId.TransactionQualifier
467 IllRequest.ClientId.ClientIdentifier
468 IllRequest.ClientId.ClientName
469 IllRequest.SupplyMediumInfoTypeSeq.SupplyMediumInfoType.SupplyMediumType
470 IllRequest.Note
572 IllRequest.RetryFlag
471 *.ResponderId.PersonOrInstitutionSymbol.Institution
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473 *.TransactionId.InitialRequesterId.NameOfPersonOrInstitution.Institution
474 *.ServiceDateTime.ThisService.Date
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478 *.RequesterId.NameOfPersonOrInstitution.Institution
479 *.ResponderId.NameOfPersonOrInstitution.Institution
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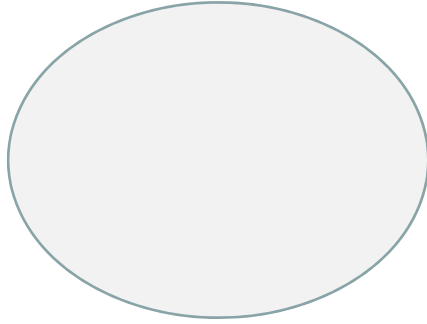
APDU: valid ISO ILL transactions

- ILL Request
- Shipped
- ILL Answer
 - Conditional
 - Retry
 - Unfilled
 - Will-supply
 - Hold placed
 - Estimate
- Conditional Reply (Y/N)
- Cancel
- Cancel Reply (Y/N)
- Received
- Recall
- Returned
- Checked-In
- Overdue
- Renew
- Renew Answer (Y/N)
- Lost
- Damaged
- Message
- Status-Query
- Status or Error Report
- Expired

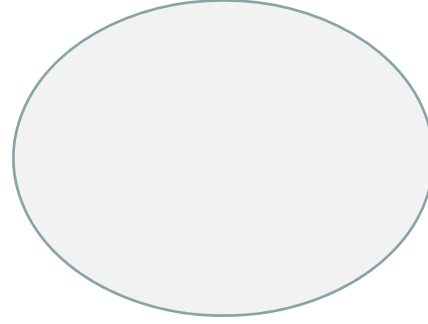
Libraries Australia Document Delivery

- ISO ILL compliance required
- ILL system = VDX 3.2.1
- Interoperability testing
 - Borrowing = 18 tests
 - Lending = 18 tests
 - 5 gateway tests to other ISO systems, e.g. Relais, CLIO, VDX
 - approx 1 month, 2hrs per working day

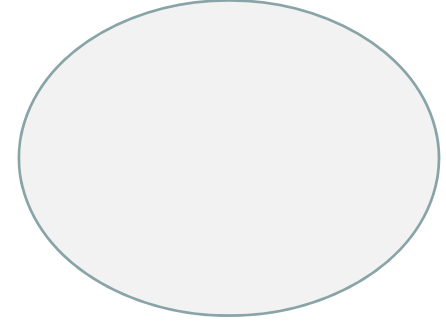
Monash University
(CLIO)



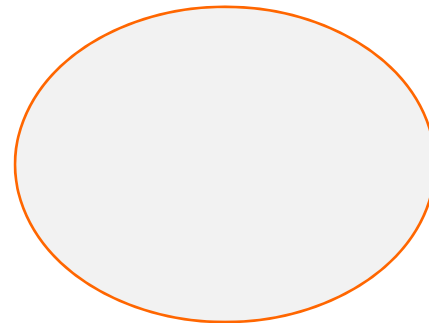
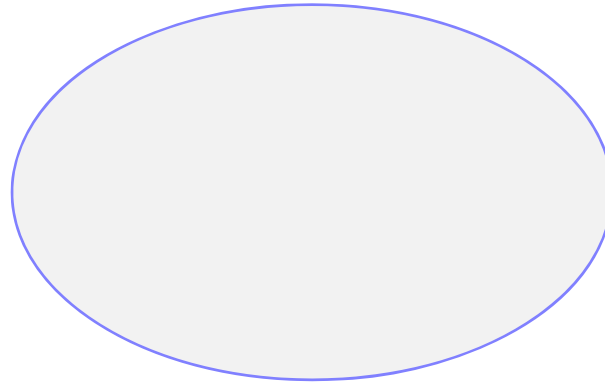
University of Western Sydney
(RELAIS)



University of Southern Queensland
(VDX)



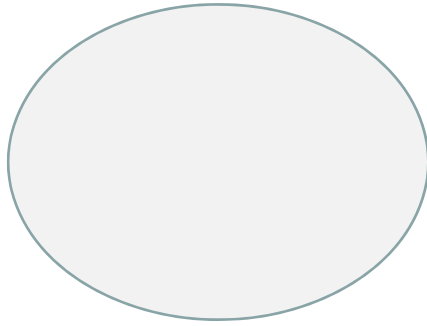
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(VDX)



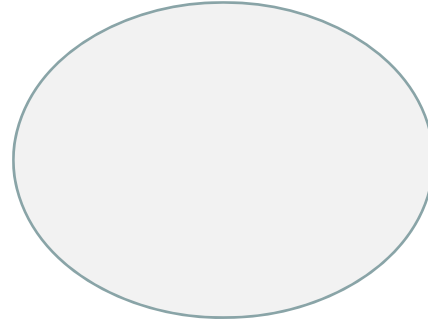
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UNSWLIBRARY

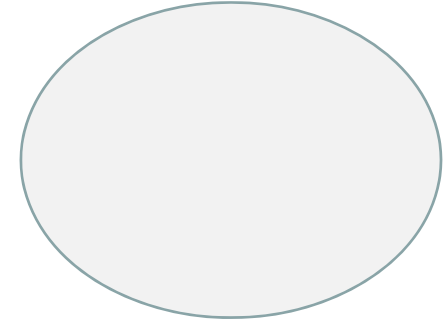
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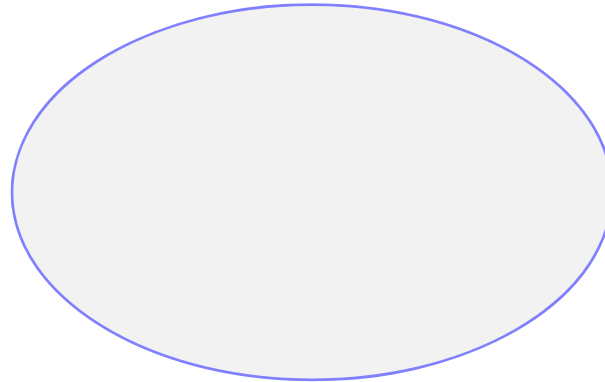
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(RELAIS)



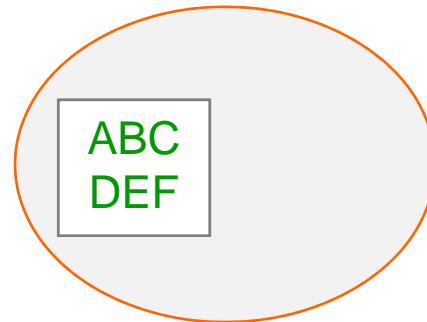
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(VDX)



LADD
Gateway
(VDX)



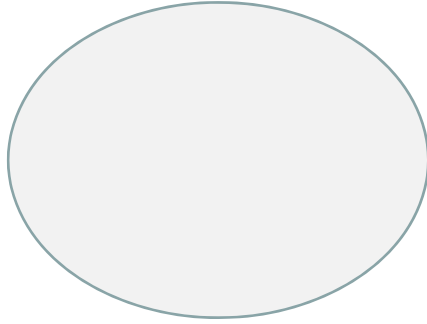
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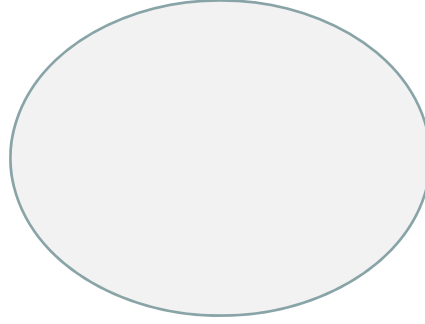
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(ILL2)

UNSWLIBRARY

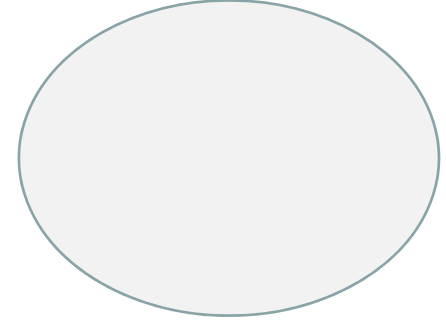
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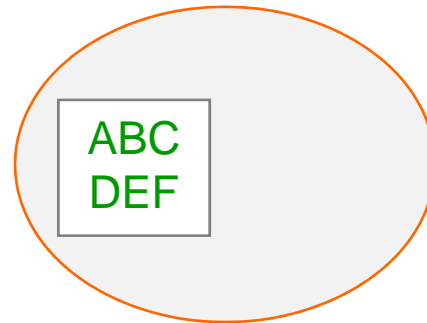
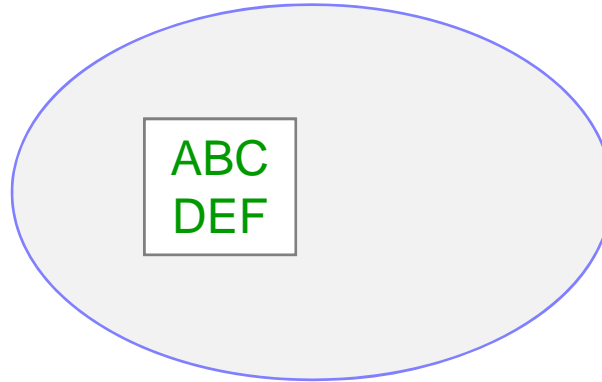
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(RELAIS)



University of Southern Queensland
(VDX)



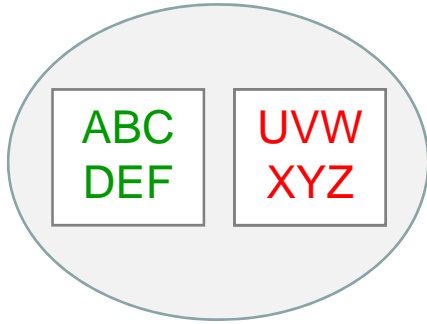
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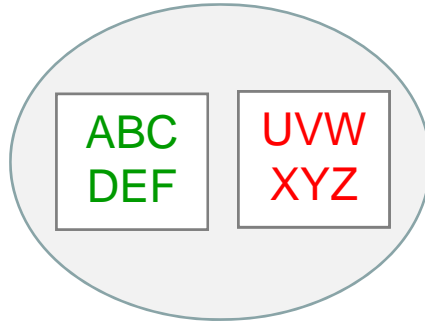
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(ILL2)

UNSWLIBRARY

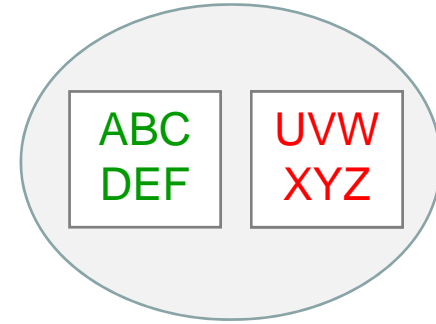
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(CLIO)



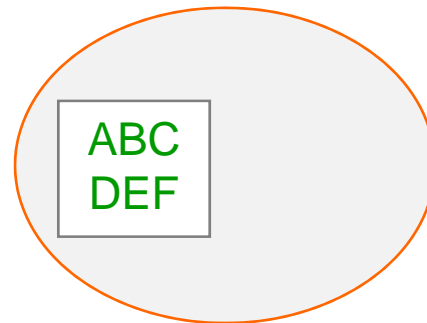
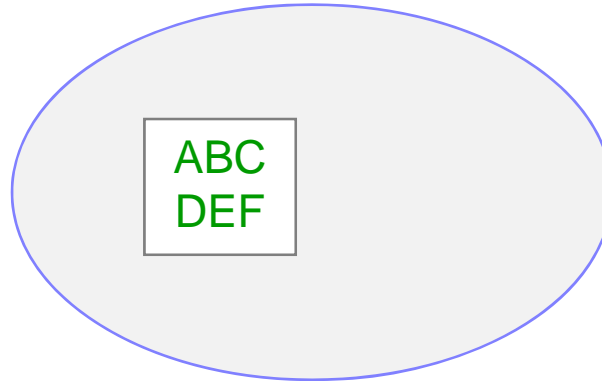
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University of Southern Queensland
(VDX)



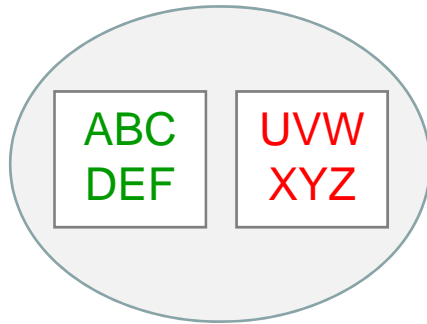
LADD
Gateway
(VDX)



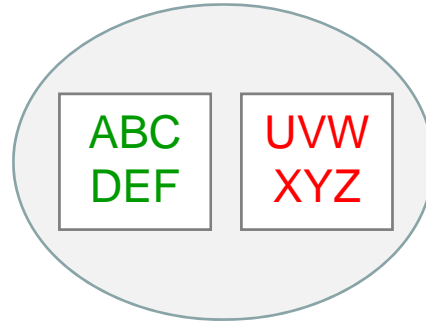
UNSW
(ILL2)

UNSWLIBRARY

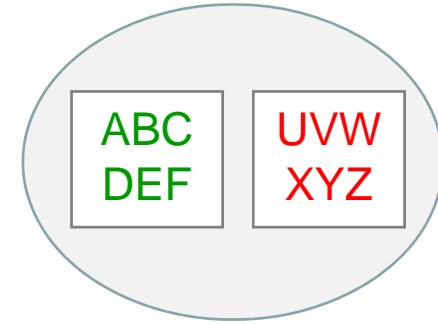
Monash University
(CLIO)



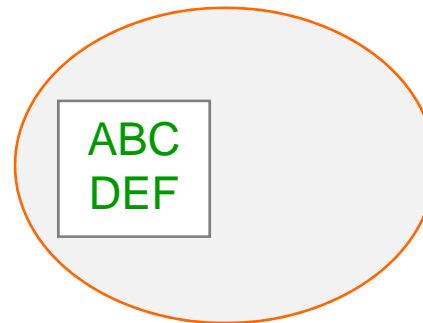
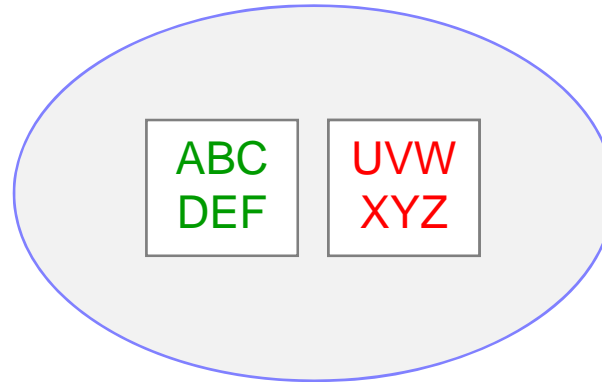
University of Western Sydney
(RELAIS)



University of Southern Queensland
(VDX)



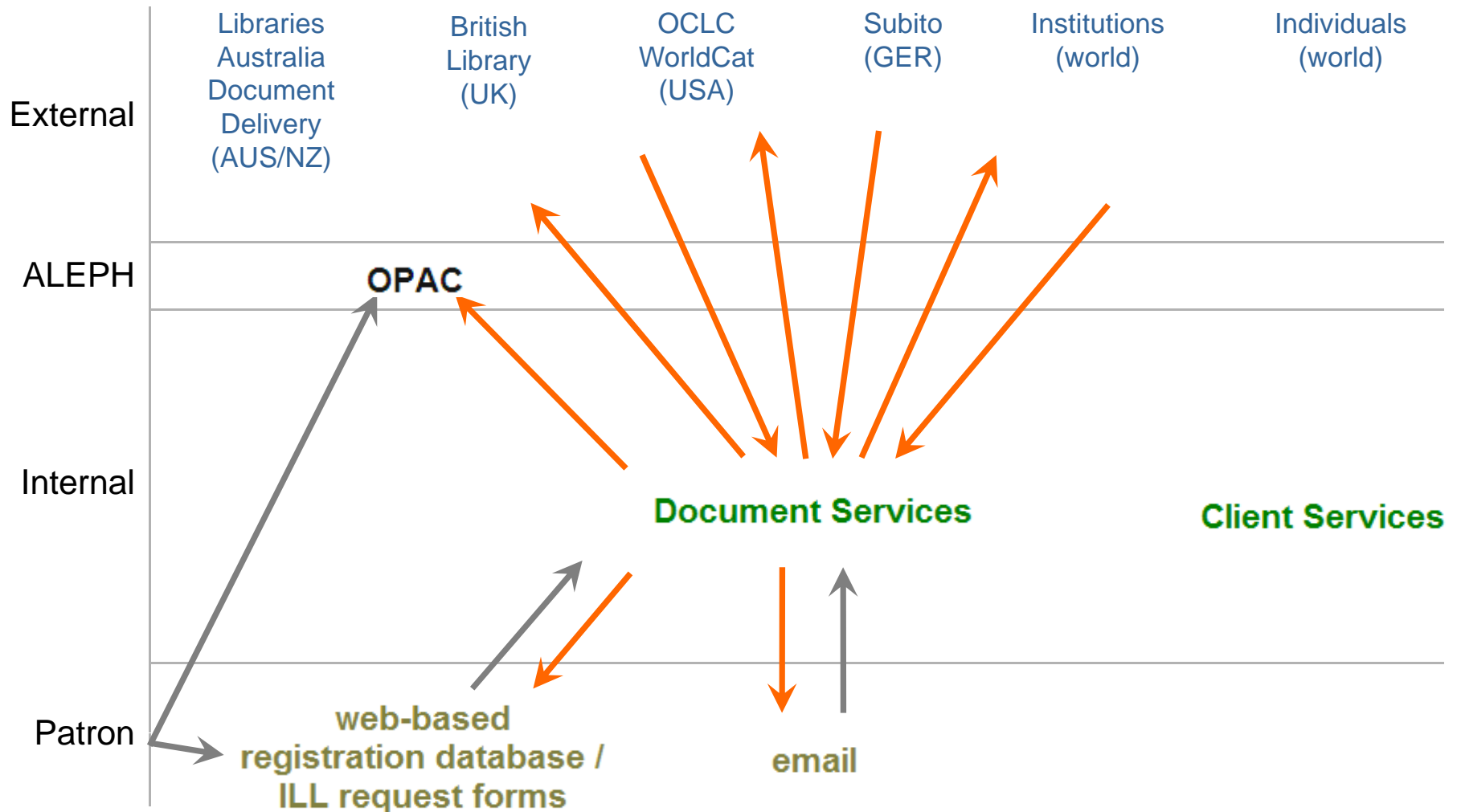
LADD
Gateway
(VDX)



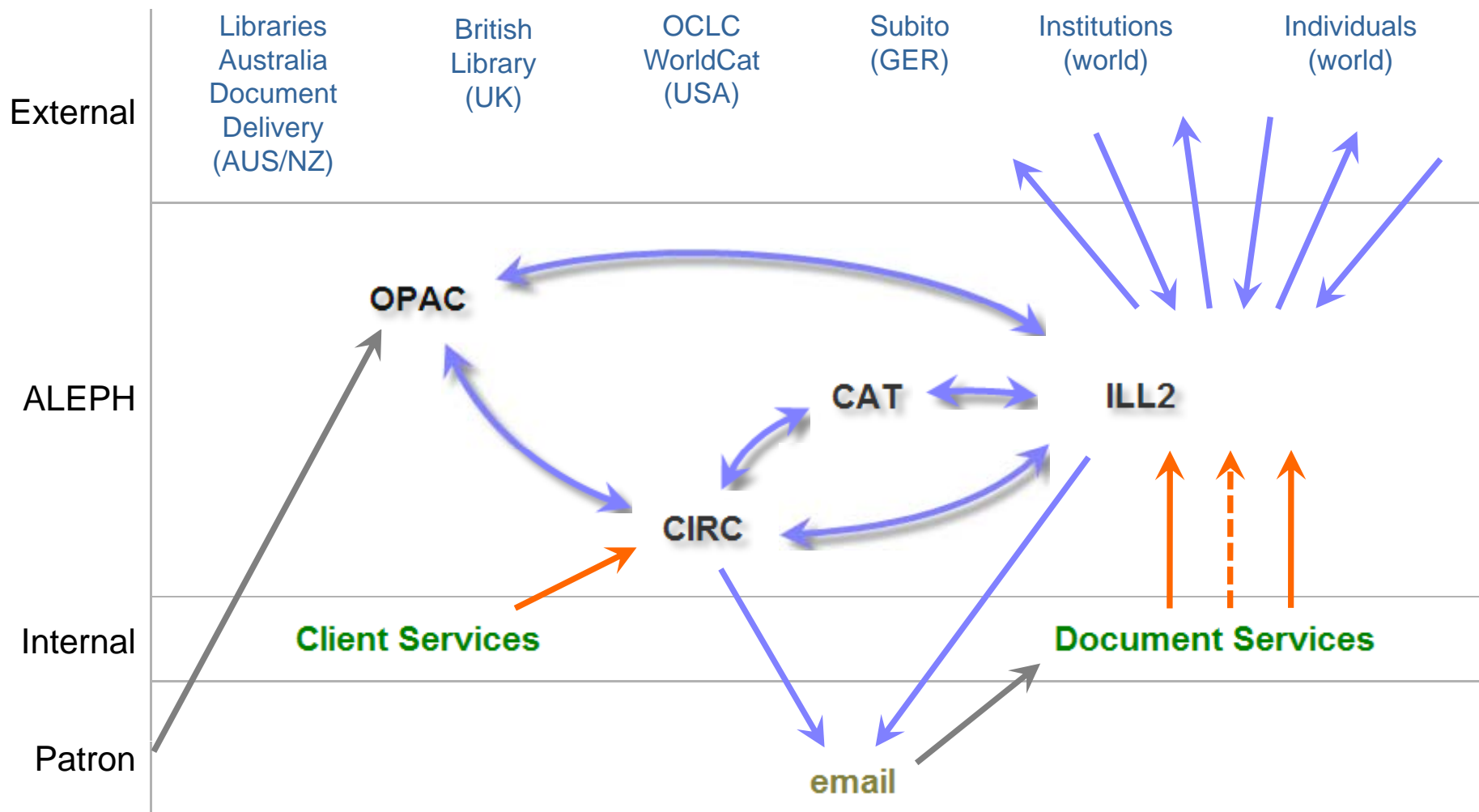
UNSW
(ILL2)

UNSWLIBRARY

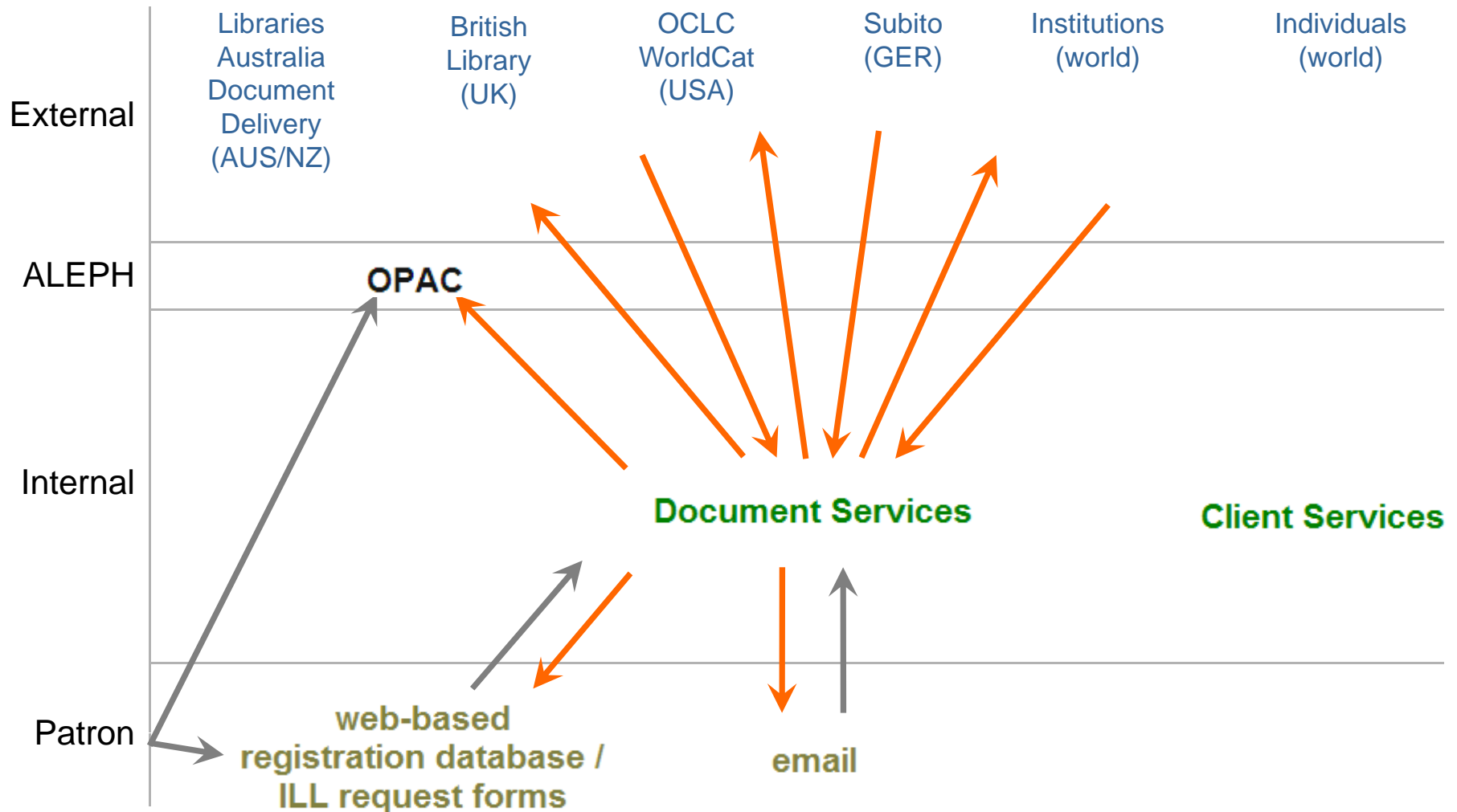
ILL processes: manual



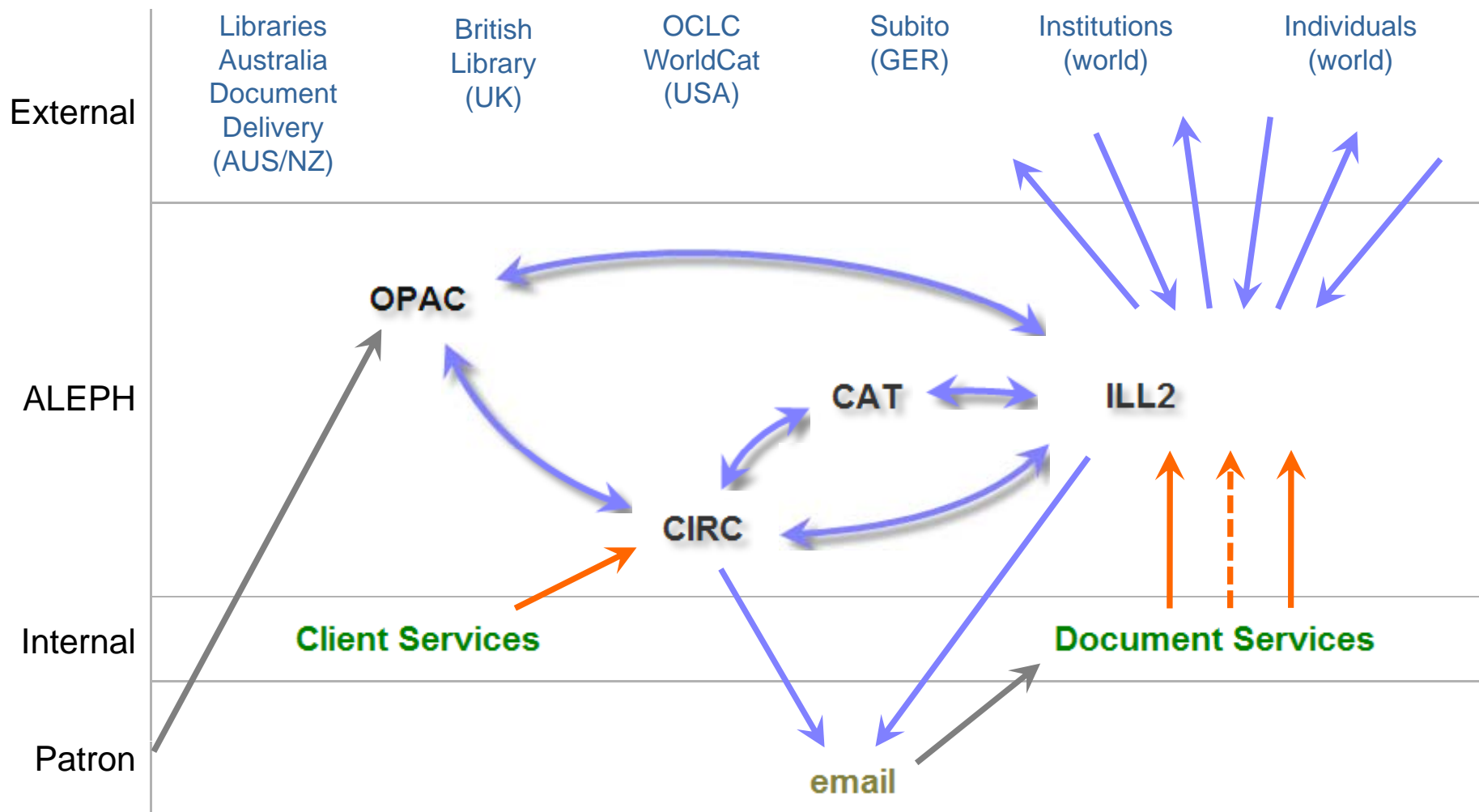
ILL processes: automated



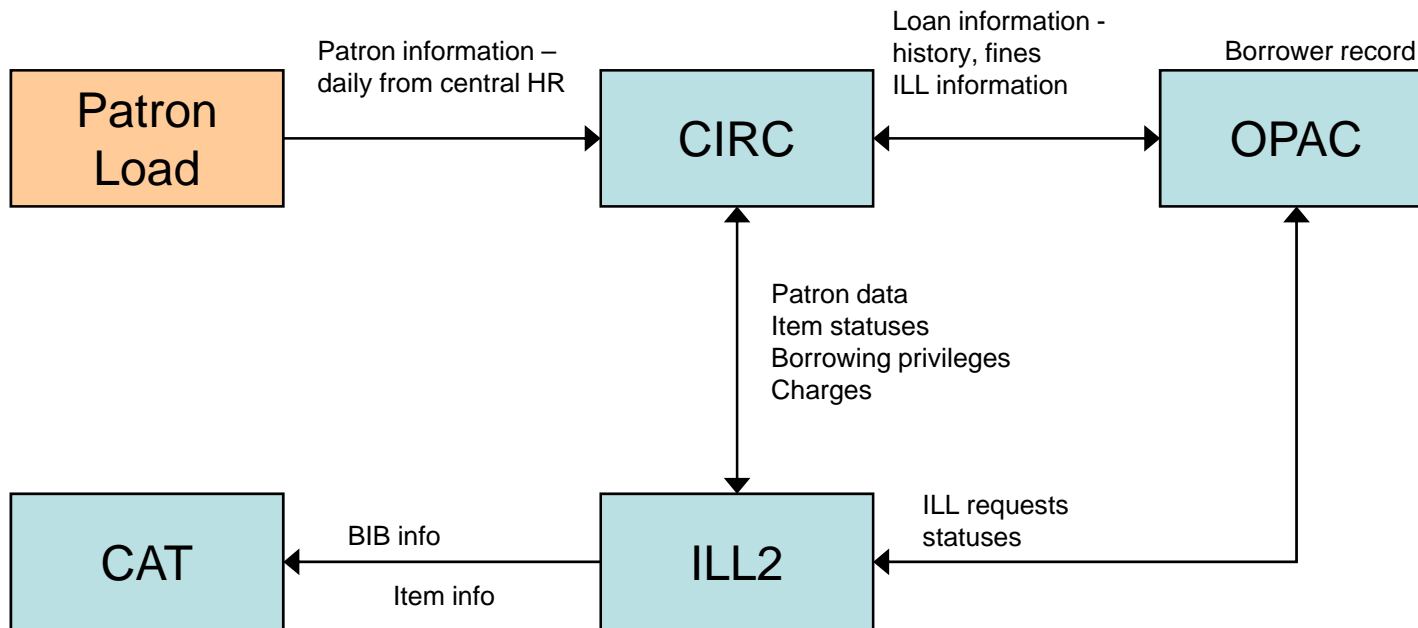
ILL processes: manual



ILL processes: automated



Integration with other ALEPH modules



You are logged in - Dont forget to [End Session](#) when finished

NSW50 - ILL Requests (Test Postgraduate at Kensington 1)

For details about an Inter-library Loan request, click the underlined number.

Records 1 - 20 of 78

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No.	Author	Title	Year	Req. No.	Update Date	Status	Pickup Location	Due Date
<u>1</u>	Hunt, Rockwell Dennis, 1868-	The genesis of California's first constitution (1846-49) / By Rockwell Dennis Hunt.	1895	19977	15/01/09	Loaned to Patron	General (General Services)	06/02/09
<u>2</u>		Portraits de psychiatres romands / sous la direction de Christian Müller ; contributions de J.-D. Z	1995	19753	15/01/09	Waiting for Renewal Reply	General (General Services)	
<u>3</u>		Australian journal of hospitality management.	1999	19826	15/01/09	Shipped	General (General Services)	
<u>4</u>	Bristow, Maxine.	Sensual austerity / by Maxine Bristow.	2006	20053	13/01/09	Sent to supplier	General (General Services)	
<u>5</u>	Plewes, W. G.	Surveys of structural research facilities and activities at universities and research organizations	1965	19881	09/01/09	New - Staff Review	General (General Services)	
<u>6</u>		test for service level.		20050	09/01/09	Sent to supplier	General (General Services)	
<u>7</u>		boats.	2003	20048	06/01/09	Locally Owned	General (General Services)	
<u>8</u>		Millennium Film Journal.	2006	19704	01/12/08	Sent to supplier	General (General Services)	
<u>9</u>	author	test for email : subtitle.	2008	20030	28/11/08	Sent to supplier	General (General Services)	
<u>10</u>	Richardson, Donald.	Art in Australia / Donald Richardson.	1988	19784	17/11/08	Returned by Patron	General (General Services)	
<u>11</u>		Test with TEVDX : how to crash Wodiak!		19941	06/11/08	Sent to supplier	General (General Services)	
<u>12</u>		another test with TEVDX : writing NOTES made easy.		19942	06/11/08	Sent to supplier	General (General Services)	
<u>13</u>	streeton	streeton test - willing to pay (data entered).		19825	29/10/08	Loaned to Library	General (General Services)	
<u>14</u>		NUNUAT to TEVDX Test 2: Copy request (express).	1984	19925	27/10/08	Sent to supplier	General (General Services)	
<u>15</u>	Dell, Ethel M. (Ethel May), 1881-1939.	The juice of the pomegranate / by Ethel M. Dell.	1975	19929	27/10/08	New	General (General Services)	

Issues: partners and suppliers

- batch load for partners – no ALEPH mechanism
 - 1000+ LADD locations
 - Macro Express
 - copy/paste from spreadsheet to GUI client – 30,000 times!
 - simple process, 2 working days

Issues: Borrowing

- Unmediated borrowing?
 - locate function
 - locates bibliographic records, not holding libraries
 - Ex Libris said to fully replace the locate function in ALEPH 20
 - delivery method
 - ALEPH-centric delivery codes - not defined in ISO standards
 - to be replaced in ALEPH 20
 - pick up location
 - OPAC ILL request form - cannot default pickup location to patron's Home library
 - MARC 700/740
 - added entries overwrite article author/title

Issues: Borrowing

- renewals
 - OPAC renewal requests go directly to supplier
 - within the standards to do this
 - UNSW workflow requires renewals to be managed outside ALEPH
- ILL charges accrued on Patron record
 - If Rush/Express charges accrue, then '\$0 charges' also accrue
 - Ex Libris said to resolve the issue in ALEPH 20

Issues: Lending

- Unmediated lending?
 - locate function
 - Serials
 - no items

Gains and going ahead

- enhanced patron services
 - ILL request form integrated with OPAC catalogues
 - automated request status updates, tracked via patron's OPAC record
 - SSO via Primo → MetaLib → OPAC patron record → ILL request form
 - e.g. OPAC ILL request form pre-populated with article information from SFX, after initial Primo search
 - no login required for OPAC ILL request form or MetaLib after patron logged into Primo

Gains and going ahead

- staff workflow efficiencies
 - focus upon the goal of the service, not the process
 - integration with CIRC to manage loans, renewals, notices, blocks
 - reporting improvements via ARC

Questions?

Thank you 😊