

CHANGE DOCUMENTATION - DIRECTORY INFORMATION MODEL DIAGRAMS, ENUMERATIONS FOR VERSION 1.0

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Version 1.0 of the ILL includes the following items that were either added in version 0.9 and confirmed at the teleconference on 23 May 2002, or agreed on the IPIG email list as a consequence of follow-up from that meeting. The items are marked as either **Confirmed** if the change was included in version 0.9 or agreed at the Phone Meeting; or **New** if the item was agreed via email as proposed at the meeting.

Additionally the artificial elements that were retained in the schema to retain the enumerated values have been removed and elements that are enumerations have been given the data type "enumeration" which is scheme value pair, where scheme and value are each of the data type string.

1. Change to ILL Processing Unit to allow expression of "No Service Provided" (New)

Practitioners want a Processing Unit to be able to advertise in the directory that they do not offer any ILL services. Originally this was expressed in ILLServicesSupported by using an ILLServiceSummary with the value of No Services Offered. However other mandatory objects that needed to be completed could not be sensibly completed by those Processing Units that did not offer any services.

The new information model the object ILLService is included at the ILLProcessingUnit, and the objects relating to ILL services have been subsumed at a lower level. ILLService is a choice between NoServiceOffered and the ILLServiceDetails object. The ILLServiceDetails object contains the objects removed from the top level.

2. ILLServiceTimes (New)

ILLServiceTimes has been made mandatory as ILLServiceTimesKey has been made mandatory in ILLPolicy

3. ILLServiceTimes / ServiceTimeDetails (Confirmed).

The additional UTC time offset field requested is not included as a separate element in the schema.

4. ILLServiceDescription (New)

ILLServiceType has been added as an optional element. This element may be used by User interfaces to assist in the creation of consistent directory structures, but is redundant in the schema. Where there is a conflict between ILLServiceType in the ILLPolicy entry and the ILLChargesSet the ILLPolicy entry takes precedence. Enquiry clients must not rely on the existence of ILLServiceType in this object.

5. ILLRequests AcceptedFrom/ILLRequesterDetails (Confirmed)

Added Notes to the object.

6. ILLRequests AcceptedFrom/ILLRequesterDetails/RequesterCategoryKey (New)

The naming of this field has caused confusion. As RequesterCategory is only one of the descriptors allowed in ILLRequesterDetails. The name of this element is changed to ILLRequesterDetailsKey

7. RequestMethodsSupported (New)

There is a new information model for this object.

RequestMethods has been named RequestsAcceptedBy and an optional object, RequestFormsAccepted has been added to RequestMethodsSupported.

The additional optional object, ContactDetails has been added to RequestsAcceptedBy

The errors in the structure of RequestMethods have been corrected so that it agrees with the structure agreed at the April meeting. RequestMethod is a choice of an ElectronicAddress and PhysicalAddressType. ElectronicAddress contains the the ElectronicAddressType and ElectronicAddressData. Where the ElectronicAddressType is Hosted ILL System, ElectronicAddressData should contain the hosted system and the symbol to be used

8. DeliveryMethods/ ILLHostedSystem (Confirmed)

Hosted ILL System System has been added to the enumerations for Delivery Methods Types (Electronic Delivery Types) and the Carrier element will be used to provide details.

9. DeliveryMethod/FileType (Confirmed)

Optional element FileType added to DeliveryMethod. FileType has a datatype of MimeType, including x- extensions to the iana registered types (eg x-gedi)

10. Collections/Collection (in Loan, Copy etc policy objects) / Collection (Confirmed)

Instead of being a single element becomes an object containing Collection Name and optional CollectionURL

11. Lending Policy (New)

Change UseRestriction to ItemUseRestrictionType for consistency with NCIP (Please note – the “Item” was missed from the beginning of this proposal in the 0.9 document)

12. CopyMethodandMedium (Confirmed)

Added Optional Paper Size element

13. ILLServiceCharges/ILLChargeSet (New)

ILLServiceType has been added as an optional element. This element may be used by User interfaces to assist in the creation of consistent directory structures, but is redundant in the schema. Where there is a conflict between ILLServiceType in the ILLPolicy entry and the ILLChargesSet the ILLPolicy entry takes precedence. Enquiry clients must not rely on the existence of ILLServiceType in Charges/ILLChargeSet.

14. **ILLServiceCharges/ILLChargeSet (Confirmed)**

Redundant TaxIncluded deleted, Tax made optional

15. **Charge Details/Charge/TaxIncluded (Confirmed)**

Made a sequence instead of choice.

16. **ILLServiceCharges/ILLChargeSet/ChargeDetails/ChargeDescription (New)**

There is a completely new structure for ChargeDescription. Any has been deprecated. The Structure of the object has been altered to allow for the expression of either existence of a parameter or a specific instance. For example to mean this charge is for “any Delivery Method” or this charge is for DeliveryMethod of Fax.”

The ChargeDescriptions now allows a charge to be allocated for the Service (combination of ServiceLevel/ILLServiceType) or separate charges for ServiceLevel and ILLServiceType.

17. **Charges/ILLChargeSet/ChargeDetails/Increment/IncrementQuantity (Confirmed)**

IncrementQuantity has been made optional to allow for the new enumerations for Increment Types (Increments – Service) Scheme.

18. **MediumType (Confirmed)**

Terminology changed from MaterialTypes to MediumTypes

19. **ILLPolicyMatrix (New)**

ILLRequesterCategoryKey changed to ILLRequesterDetailsKey to reflect change in ILLRequesterDetails

ServiceTimesKey has been made mandatory to ensure there is no confusion about how to interpret absence of this element

20. **Enumerations**

The enumerations document has been reformatted to be more consistent with the NCIP format and prepare for insertion of the enumerations into the fully developed ILL Policy Directory Document

Delivery Method Types (Electronic Delivery Types) Scheme

Add Secure Copy, Secure Copy – SCP (**Confirmed**) and Prospero (**New**)

ILL Service Summary Types Scheme (New)

Delete No Service Offered as this is now expressed by different construct

Increment Types (Increments – Service) Scheme (Confirmed)

New Increment Types for Service of Supplied and Not Supplied have been added to allow charges to be defined dependant on whether the item requested was able to be supplied.

Medium Types Scheme (Confirmed)

The scheme an Open type with three examples.

IPIG-ILL-Request-Extension Scheme - note format in enumerations has been updated to be consistent with the request extension.

In the 3M SIP, the medium information is carried in the "media type" field. Information for this scheme has been added. **(New)**

Payment Method Types (Debit Card) Scheme (Confirmed)

Switch, Solo and Maestro added to. Cirrus not added.