

Appendix D: Data Element Dictionary

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Introduction

In the context of the DLF ERMI work, the Data Element Dictionary serves as a basic reference document. It compliments the Data Structure (Appendix E), which expresses the attributes and relationships between the data elements, and the Entity Relationship Diagram (Appendix C), which defines relationships between concepts that exist between groupings of data elements in a system.

The Data Element Dictionary has a very simple structure, consisting of four items. The *data element name* is the full name given to each element in the Dictionary. The *identifier* is the name by which other programs will identify a particular element. For example, the element “E-Product Role” will be called “eprole” when used in an XML schema. The data element *definitions* describe each element. Every effort was made to write the element names and definitions in compliance with ISO 11179, *Specification and Standardization of Data Elements*. The Data Element Dictionary also includes an optional *comments* column, which offers examples for data element values or describes situations in which these data elements might be used. This section also identifies other standards from which a particular data element has taken its definition, or it may recommend that a particular standard be used when entering a value for that element into an ERM system.

**DLF Electronic Resource Management Initiative
Data Element Dictionary**

Data Element Name	Identifier	Definition	Comments
Access Confirmation Indicator	accessconfirmation	An indication that access to the product was functional when tested	
Access Information Identifier	accessinfoid	The identification number assigned to the Access Information record by the ERM system	
Access Information Note	accessinfonote	Additional information pertaining to access issues and unusual situations	e.g., inaccessible or nonsubscribed portions not marked as such at the site, unusual login/logoff requirements, local vs. remote authentication control, and navigation or accessibility features
Access Tested Date	accesstesteddate	The date on which access to the product was tested	
Accessibility Compliance Indicator	accessibilitycompliance	An agreement that the data is provided in a form compliant with relevant accessibility (disabilities) legislation	For more information, see guidelines set forth by the World Wide Web Consortium at http://www.w3.org/wai/
Account Identifier Assigned to Library	accountidassigned	Identifier assigned by an Organization to a Library's account	
Acquisition Identifier	acqid	The identification number assigned to the Acquisition by the electronic resource management system	
Acquisition Note	acqnote	Additional information about the acquisition	
Administrative Documentation	admindoc	Information about and/or location of documentation available for product administrators	
Administrative Identifier	adminid	The identifier used to access the online administration module	Used if different from account ID
Administrative Information	admininfoid	The identification number assigned to the Administrative Information record by the	

Data Element Name	Identifier	Definition	Comments
Identifier		ERM system	
Administrative Password	adminpassword	The password used to access the online administration module	
Administrative Password Note	adminpasswordnote	Any clarification needed to identify an administrative password or to whom it is assigned	
Administrative Uniform Resource Identifier	adminuri	The Uniform Resource Identifier (URI) of the online administration module	
Administrative Uniform Resource Identifier Type	adminuritype	The type of URI that is used for the online administration module	
All Rights Reserved Indicator	allrightsreserved	A clause stating that all intellectual property rights not explicitly granted to the licensee are retained by the licensor	
Alternate Authorization Method	altauthmethod	Additional authorization methods available for the product	
Alternate Uniform Resource Identifier	alturi	An alternate URI available for access to an identical or alternate version of the resource	To be used when the primary URI is compromised or unavailable. Examples include URLs for mirror sites; URLs that provide access to a resource via a different provider, etc.
Alternate Uniform Resource Identifier Type	alturitype	The type of alternate URI being used	
Amount	amount	The contractually specified price for the Electronic Product	May not be equal to the sum paid as recorded in the price element

Data Element Name	Identifier	Definition	Comments
Amount Note	amountnote	Information relating to the amount quoted for the Electronic Product	
Applicable Copyright Law	applicablecopyrightlaw	A clause that specifies the national copyright law agreed to in the contract	
Archiving Format	archivingformat	The format of the archival content	Values should be site-definable (e.g., remote, CD-ROM)
Archiving Note	archivingnote	Additional information related to archiving rights, product, and format	
Archiving Right	archivingright	The right to permanently retain an electronic copy of the licensed materials	
Authentication Status	authenticationstatus	An indication that provided methods of authentication have been identified and accommodated	
Author	author	The person or body that is identified as the creator of the electronic resource	Usually present on monographs
Available to Location Identifier	availabletolocationid	The identification number assigned to the Available to Location Bridge by the ERM system	
Available to User Identifier	availabletouserid	The identification number assigned to the Available to User Bridge by the ERM system	
Cataloging Priority	catpriority	The level of priority that the product should be assigned in the cataloging workflow	e.g., low, normal, rush
Cataloging Request Date	catrequestdate	The date when a request to catalog the product was made	
Citation Requirement Detail	citationrequirementdetail	A specification of the required or recommended form of citation	

Data Element Name	Identifier	Definition	Comments
Clickwrap Modification Clause Indicator	clickwrapmodification	A clause indicating that the negotiated agreement supersedes any click-through, click-wrap, other user agreement, or terms of use residing on the provider's server that might otherwise function as a contract of adhesion	
Completeness of Content Clause Indicator	completenessofcontent	The presence of a provision in the contract stating that the licensed electronic materials shall include all content found in the print equivalent	
Concurrency with Print Version Clause Indicator	concurrencywithpversion	The presence of a provision in the contract which states that the licensed materials will be available before, or no later than the print equivalent, and/or will be kept current	
Concurrent User	concuser	<ol style="list-style-type: none"> 1. The licensed number of concurrent users for a resource 2. The number of concurrent users if shared across an interface rather than for a specific resource 	
Concurrent User Note	concusernote	<ol style="list-style-type: none"> 1. A specific explanation of how users are allocated or shared if pooled or platform-based 2. Additional information about the number of concurrent users 	
Confidentiality of Agreement	confidentialityofagreement	The presence or absence of clauses that specify or detail restrictions on the sharing of the terms of the license agreement	The clause may specify terms to be held confidential, or may refer to the entire agreement. This clause may be limited by state law for U.S. public institutions
Confidentiality of Agreement Note	confidentialityofagreementnote	Specific details about what aspects of the license are private	

Data Element Name	Identifier	Definition	Comments
Confidentiality of User Information Indicator	confidentialityofuserinfo	The requirement that user data should not be shared with third parties, reused or resold without permission	
Configurable Session Timeout Indicator	configsessiontimeout	The availability of a configurable inactivity timeout	
Consortial Agreement Indicator	consortialagreement	Indicates whether an acquisition falls under a multiparty agreement that uses the same license for all parties	
Consortial Fund Contribution	consortialfundcontribution	The monetary contribution made by the partner library in a consortial purchase	Can be expressed as a percentage of the total amount or as a dollar figure
Consortial Issues Note	consortialissuesnote	Information relating to or clarifying consortial issues in this agreement	
Consortium Address	consortiumaddress	The mailing address of the consortium	
Consortium Alternate Name	consortiumaltname	Other names by which the consortium may be known	
Consortium Identifier	consortiumid	The identification number assigned to the Consortium by the ERM system	
Consortium Name	consortiumname	The official name of the consortium	
Consortium Note	consortiumnote	Notes which clarify the consortium information	
Consortium Participation Identifier	consortiumparticipationid	The identification number assigned to the bridge record by the ERM system	
Contact Address	contactaddress	The mailing address of the contact	

Data Element Name	Identifier	Definition	Comments
Contact Email Address	contactemail	The email address of the contact	
Contact Fax Number	contactfax	The fax number of the contact	
Contact Identifier	contactid	The identification number assigned to the Contact by the ERM system	
Contact Name	contactname	The name of the contact individual	
Contact Phone Number	contactphone	The phone number of the contact	
Contact Responsibilities Identifier	contactresponsibilitiesid	The identification number assigned to the Bridge record by the ERM system	
Contact Role	contactrole	The responsibility assigned to the contact person in general for electronic products	Roles should be site defined (e.g., Technical Support, Customer Support, Sales, etc.)
Contact Title	contacttitle	The title of the contact individual	
Content Warranty	contentwarranty	A clause that guarantees a remedy to the licensee if the quantity or quality of material contained within the resource is materially diminished	The clause is usually in the form of a pro-rata refund or termination right
Cost Share	costshare	Amount contributed by the Library to an electronic product acquisition	To be used when a library is contributing a flat amount to the acquisition
Cost Share Note	costsharenote	Other agreements regarding cost share	
Cost Share Percentage	costsharepercentage	The proportion of funds contributed by the Library to the cost of an ELECTRONIC Product	To be used when a library is contributing a percentage of the total to the acquisition

Data Element Name	Identifier	Definition	Comments
Course Pack Electronic	coursepacke	The right to use licensed materials in collections or compilations of materials assembled in an electronic format by faculty members for use by students in a class for purposes of instruction	
Course Pack Print	coursepackp	The right to use licensed materials in collections or compilations of materials assembled in a print format by faculty members for use by students in a class for purposes of instruction	e.g., book chapters, journal articles
Course Pack Term Note	coursepacktermnote	Information which qualifies a permissions statement on Course Packs	
Course Reserve Electronic / Cached Copy	coursereserveecopy	The right to make electronic copies of the licensed materials and store them on a secure network	e.g., book chapters, journal articles stored on a secure network, for course reserves and online course websites
Course Reserve Print	coursereservep	The right to make print copies of the licensed materials and place them in a controlled circulation area of the library for reserve reading in conjunction with specific courses of instruction	
Course Reserve Term Note	coursereservetermnote	Information which qualifies a permissions statement on Course Reserves	
Cure Period for Breach	cureperiodforbreach	The cure period for an alleged material breach	
Cure Period for Breach Unit of Measure	cureperiodforbreachmeasure	The time interval that measures the Cure Period for Breach	

Data Element Name	Identifier	Definition	Comments
Database Protection Override Clause Indicator	dbprotectionoverride	A clause that provides fair use protections within the context of assertions of database protection or additional proprietary rights related to database content not currently covered by U.S. copyright law	Applicable for U.S. libraries but may be of interest for other countries when recording terms for products licensed by U.S. businesses
Date IP Address Registered	dateipaddressregistered	The most recent date on which IP addresses were registered with the product provider	
Description	description	An account of the content of the resource	The description may include pointers to other relevant objects (e.g., tables of contents). Source of definition: Dublin Core Metadata Initiative
Digital Object Identifier	doi	A digital identifier for any object of intellectual property	Source of definition: DOI Homepage: http://doi.org/faq/html#1 This element is included under the assumption that the DOI will be assigned to digital objects above the article level
Digitally Copy	digitallycopy	The right of the licensee and authorized users to download and digitally copy a reasonable portion of the licensed materials	
Digitally Copy Term Note	digitallycopytermnote	Information which qualifies a permissions statement on Digitally Copy	
Discount on Price	discount	A discount in price or in pricing formula	
Distance Education	distanceed	The right to use licensed materials in distance education	
Distance Education Term Note	distanceedrestrictionnote	Information which qualifies a permissions statement on distance education	
Domain Name	domainname	Any domain names associated with a given product	Some proxy servers require this information

Data Element Name	Identifier	Definition	Comments
Electronic Holdings	eholdings	The extent of material that is made electronically available	An accepted standard is recommended. The NISO/EDItEUR Joint Working Party for the Exchange of Serials Subscription Information is currently working on an XML-based holdings schema
Electronic International Standard Book Number	eisbn	The ISBN assigned to the electronic resource	If there is no assigned electronic ISBN, institutions may repeat print ISBN or leave element value blank
Electronic International Standard Serial Number	eissn	The ISSN assigned to an electronic resource	If there is no assigned electronic ISSN, institutions may repeat print ISSN or leave element value blank
Electronic Link	elink	The right to link to the licensed material	
Electronic Link Term Note	elinktermnote	Information which qualifies a permissions statement on Electronic Links	
Electronic Product Evaluation History	epevaluationhistory	1. Information regarding evaluations of the product made during the pre-selection process 2. Notes recorded about evaluations made by individuals in the renewal review process	
Electronic Product Local User Identifier	eplocaluserid	An identifier associated with a local institution identity file	e.g., for distribution to end-users and/or for remote access purposes, or other relevant information
Electronic Product Pre-Selection Cost Information	eppreselectioncostinfo	Pricing information for staff review	

Data Element Name	Identifier	Definition	Comments
Electronic Product Pre-Selection Expected Decision Date	eppreselectiondecisiondate	The date by which a decision to acquire the Electronic Product must be made	
Electronic Product Pre-Selection Note	eppreselectionnote	Additional information pertaining to pre-selection actions and decisions	
Electronic Product Renewal Expected Decision Date	eprenewalexpecteddate	The date by which a decision for renewal must be made	
Electronic Product Renewal Review Status	eprenewalreviewstatus	The status of an Electronic Product that is undergoing renewal review	
Electronic Product Renewal Status Note	eprenewalstatusnote	Detail on renewal or termination actions and decisions	
Electronic Product Role	eprole	The role that the Contact is playing in the care of this Electronic Product	
Electronic Product Termination Status	epterminationstatus	The current status in the workflow of the termination of an Electronic Product	
Electronic Product Termination Status Note	epterminationstatusnote	Information regarding a decision to terminate the Electronic Product	
Electronic Product User Identifier	epuserid	The user identifier that provides access to the product	May be independent of primary access method selected for use (as when both IP and user id-based methods are available)

Data Element Name	Identifier	Definition	Comments
Electronic Product User Password	epuserpassword	The password that provides access to the product	May be independent of primary access method selected for use (as when both IP and user id-based methods are available)
Electronic Product User Password Note	epuserpasswordnote	Additional information about user identifiers and passwords	e.g., for distribution to end-users and/or for remote access purposes, or other relevant information
Electronic Resource Alternate Title	eraltitle	A variation in the title proper of the resource, including acronyms, parallel titles, titles in other languages, etc.	
Electronic Resource Contained By	ercontainedby	A collective resource consisting of one or more electronic titles licensed as an entity or group, of which the electronic resource is a constituent part	
Electronic Resource Contains	ercontains	The electronic titles that are components of the collective resource described	
Electronic Resource Identifier	erid	The identification number assigned to the Electronic Resource by the ERM system	
Electronic Resource License Identifier	erlicenseid	The identification number assigned to each Bridge record by the ERM system	
Electronic Resource Package Type	erpackagetype	Indicates whether the electronic resource package is complete (all titles available) or partial (selected titles)	
Electronic Resource Status	erstatus	The current standing, or status in the workflow of the electronic resource	Value examples include "In pre-selection," "on trial," "under review," etc.

Data Element Name	Identifier	Definition	Comments
Electronic Resource Suppression Indicator	ersuppression	Indicates whether the resource has been hidden from public view	
Electronic Resource Title	ertitle	The word or group of words that name an electronic resource	The electronic resource title should be taken from the chief source of information (usually a title screen; the title proper of an electronic resource); if access to the resource is not possible, use the title as given from the supplier of the electronic resource
Electronic Resource Title Continued By	ertitlecontinuedby	The title immediately succeeding the title of the resource	MARC 21 equivalent: field 785
Electronic Resource Title Continues	ertitlecontinues	The title immediately preceding the title of the resource	MARC 21 equivalent: field 780
Embargo Period	embargoperiod	The amount of time by which content is intentionally delayed	Refer to developing standards (e.g., ONIX for Serials) for values
Fair Use Clause Indicator	fairuseclause	A clause that affirms statutory fair use rights under U.S. copyright law (17 USC Section 107), or that the agreement does not restrict or abrogate the rights of the licensee or its user community under copyright law	Fair use rights include, but are not limited to, printing, downloading, and copying Most applicable for U.S. libraries but may be of interest for other countries when recording terms for products licensed by U.S. businesses
Format	format	The form of presentation of a resource	Examples of electronic formats include descriptions of text (e.g., ASCII); images (e.g., JPEG); audio (e.g., "basic")

Data Element Name	Identifier	Definition	Comments
Governing Jurisdiction	governingjurisdiction	The venue or jurisdiction to be used in the event of an alleged breach of the agreement	
Governing Law	governinglaw	A clause specifying the governing law to be used in the event of an alleged breach of the agreement	
Hardware Requirement	hardwarerequirement	Information about hardware requirements	
Holdings Link Activated Indicator	holdingslinkactivated	The activation of a link to library holdings	
Hook to Holdings Indicator	hooktoholdings	The availability of a link to library holdings	
Implemented Authorization Method	implementedauthmethod	The method by which access to the product is controlled	If the provider supports more than one access method, this element records the method(s) selected for use by the subscribing institution
In Process Note	inprocessnote	Additional information regarding in-process actions and decisions	
Inbound Linking Activation Status Indicator	inboundlinkingactivationstatus	The activation of a link to internal stable locations within a product	
Inbound Linking Indicator	inboundlinking	The availability of a link to internal stable locations within a product	
Incident Log	incidentlog	A log of downtime and problem reports and their resolution	An external call tracking system may be used instead
Indemnification by Licensee Clause Indicator	indemnificationbylicensee	A clause by which the licensee agrees to indemnify the licensor against a legal claim, usually for a breach of agreement by the licensee	

Data Element Name	Identifier	Definition	Comments
Indemnification by Licensor Clause	indemnificationbylicensor	A clause by which the licensor agrees to indemnify the licensee against a legal claim	This may specifically include intellectual property claims (third party rights), or may be broader in application
Indemnification Clause Note	indemnificationnote	Additional information providing amplification of any nuances to the indemnification clauses	
Instruction Tools Status	instructiontoolsstatus	The status of instructional tools for the product	
Intellectual Property Warranty Indicator	intellectualpropertywarranty	A clause in which the licensor warrants that making the licensed materials available does not infringe upon the intellectual property rights of any third parties	This clause, in the form of a warranty, may or may not include an indemnification of licensee
Interface Customization Status	interfacecustomizationstatus	The status of customizing the interface for the product	Many products do not offer the capability to customize the Interface
Interface Digital Object Identifier	interfacedoi	The Digital Object Identifier (DOI) assigned to the Interface	This element is included on the assumption that DOIs will be available for objects above the article level
Interface Identifier	interfaceid	The identification number assigned to the Interface by the ERM system	
Interface Language Implemented	interfacelanguage	The activation of one or more interface languages	Refer to three-letter MARC Language Codes, e.g., "eng" for English, "akk" for Akkadian. May derive or point at print version of resource for value. Another standard may be used for these values as long as translation routines are available
Interface Languages Availability Indicator	interfacelanguagesavail	The availability of multiple languages for the interface	

Data Element Name	Identifier	Definition	Comments
Interface Name	interfacename	The word or group of words that name an Interface	If an Interface is unnamed, the value can be assigned locally
Interface Other Identifier Number	interfaceotheridno	A number assigned to an Interface by the locally defined system	This data element allows sites to locally assign and utilize interface identifier numbers
Interface Other Identifier Source	interfaceotheridsource	Identifies a system which supplies an identifier for an Interface	This data element allows sites to locally assign and utilize system identifiers
Interface Provider	interfaceprovider	The service that brings the content to your server or puts it on the Web and provides electronic access	
Interface Public Note	interfacenote	Additional information regarding the Interface that is intended for public use	
Interface Status	interfacestatus	The current standing, or status in the workflow for the Interface	
Interlibrary Loan Electronic	illelectronic	The right to provide the licensed materials via interlibrary loan by way of electronic copies	
Interlibrary Loan Print Or Fax	illprintorfax	The right to provide the licensed materials via interlibrary loan by way of print copies or facsimile transmission	
Interlibrary Loan Record Keeping Required Indicator	illrecordkeepingreq	The requirement to keep records of interlibrary loan activity and provide reports to the licensor at periodic intervals or upon request	
Interlibrary Loan Secure Electronic Transmission	illsecuretransmission	The right to provide the licensed materials via interlibrary loan by way of secure electronic transmission	
Interlibrary Loan Term Note	illtermnote	Additional information related to interlibrary loan	

Data Element Name	Identifier	Definition	Comments
International Standard Text Code	istc	A voluntary numbering system for the identification of textual works	
IP Address General Note	ipaddressnote	Additional notes pertaining to IP address information	
IP Address Registration Instruction	ipaddressreginstruction	The URI at which IP addresses are registered, the email address or contact role to which updates are sent, or other relevant instructions	
IP Address Registration Method	ipaddressregmethod	The method by which IP addresses are sent to the product provider	e.g., by email, by post
IP Addresses Registered for Access	ipaddressregforaccess	IP addresses registered for use with the product	May contain a list of registered IP addresses, or link to an external file or database where such addresses are maintained. Usage note: a method for automatic update and provider notification when IP addresses are updated may be desirable
Language	language	The predominant language(s) of the resource	Refer to three-letter MARC Language Codes, e.g., "eng" for English, "akk" for Akkadian. May derive or point at print version of resource for value. Another standard may be used for these values as long as translation routines are available
Library Acquisition Identifier	libacqid	The identification number assigned to each Bridge record by the ERM system	
Library Address	libaddress	The mailing address of the library	
Library Alternate Name	libaltname	Other name(s) by which the library is known	

Data Element Name	Identifier	Definition	Comments
Library Identifier	libid	The identification number assigned to the Library by the ERM system	
Library Name	libname	The official name of the library	
Library Note	libnote	Additional information needed to clarify the library data	
License Delivery Instructions	licensedelivery	The required medium in which official communications must be delivered	
License Duration	licenseduration	The period of time covered by the license agreement	
License End Date	licenseenddate	The date on which a license agreement terminates	
License End Date Ticker	licenseenddatetickler	The advance notice interval, in days, desired by the library to warn of an upcoming license end date	
License Execution Date	licenseexecutiondate	The date on which the license was signed or otherwise agreed to by the licensee	e.g., the click-through date for an online license
License Identifier	licenseid	The identification number assigned to the License by the ERM system	
License Name	licensename	The locally-assigned name of the license agreement	

Data Element Name	Identifier	Definition	Comments
License Replaced By	licensereplacedby	The license agreement that succeeds a superseded agreement	
License Replaces	licensereplaces	The license agreement which preceded the current agreement	
License Reviewer	licensereviewer	An individual reviewing the license for the local institution or consortium	
License Reviewer Note	licensereviewernote	Comments recorded by the license reviewer regarding the license	
License Start Date	licensestartdate	The date on which a license agreement goes into effect	
License Status	licensestatus	The current standing, or status in the workflow of the license	
License Type	licensetype	The kind of license that governs access to the product	
License Uniform Resource Identifier	licenseuri	The URI at which the license agreement is made available	
License Uniform Resource Identifier Type	licenseuritype	The type of URI being used to locate the license agreement	

Data Element Name	Identifier	Definition	Comments
Licensee	licensee	1. One to whom a license is granted 2. The legal party who signs or otherwise assents to the license	
Licensee Notice Period for Termination	licenseenoticeperiodforterm	The amount of advance notice required prior to contract termination by the Licensee	
Licensee Notice Period for Termination Unit of Measure	licenseenoticeperiodfortermunit	The time interval in which the Licensee Notice Period for Termination by the library is measured	
Licensee Termination Condition	licenseeterminationscondition	The conditions that would allow a licensee to terminate acquisition during a contract period	
Licensee Termination Right Indicator	licenseeterminationsright	The ability of the licensee to terminate an acquisition during a contract period	
Licensing Agent	licensingagent	An organization (such as a subscription agent) or an individual that facilitates a licensing transaction on behalf of one or more parties	The agent may or may not serve in one or more of the following capacities: as negotiating intermediary, with or without a fee for services; as the vendor who accepts payment for the resource; or as the named Licensee for a particular agreement.
Licensing Note	licensingnote	Additional information regarding the license, the negotiation of the license, the product, etc.	

Data Element Name	Identifier	Definition	Comments
Licensor	licensor	<p>1. One who grants a license to another</p> <p>2. The party who formulates the terms and conditions of use for the product with whom the licensee (purchaser) is bound in contract by signing or otherwise assenting to a license agreement</p>	
Licensor Notice Period for Termination	licensornoticeforterm	The amount of advance notice required prior to contract termination by the licensor	
Licensor Notice Period for Termination Unit of Measure	licensornoticefortermmeasure	The time interval in which the Licensor Notice Period for Termination is measured	
Licensor Termination Condition	licensortermcondition	The conditions that would allow a Licensor to terminate an acquisition during a contract period	
Licensor Termination Right Indicator	licensortermright	The ability of a Licensor to terminate an acquisition during a contract period	
Linking Note	linkingnote	Additional information about linking	e.g., implementation details or other notes
Local Authorized User Definition Indicator	localauthuserdefinition	The inclusion of an institution-specific preferred authorized user definition	
Local Performance Monitoring Note	localmonitoringnote	Information concerning websites or programs that carry out local performance monitoring	
Local Persistent Uniform Resource Identifier	localpuri	A persistent URI that is created locally to access the product	

Data Element Name	Identifier	Definition	Comments
Local Persistent Uniform Resource Identifier Type	localpuritype	The type of locally created URI	e.g., PURL, PID, ARK, etc.
Local Record Number	localrecordno	The record number that is assigned by a local library management system (LMS) to the bibliographic record for the related version	
Local Services Status	localservicesstatus	The status of setting up access to the product in other local services	e.g. OpenURL resolver, broadcast search, etc.
Local System Number	localsystemnumber	The record number that is assigned by a local library management system (LMS) to the bibliographic record for the resource	
Location Identifier	locationid	The identification number assigned to each Location record by the ERM system	
Location IP Subset	locationipsubset	The set of IP addresses associated with a specific location	
Location Name	locationname	The name of a specific location category for the local institution	e.g., organizational units, buildings, campuses, etc.
Location Note	locationnote	Additional information pertaining to this location	
Location Permission Legal Interpretation	locationlegalinterpretation	Designates whether the license or business agreement defining these terms permits or prohibits access from the location in question	
Location Permission Operational Value	locationoperationalvalue	Designates a local decision to further constrain access beyond that required by the license or business agreement	

Data Element Name	Identifier	Definition	Comments
Location Proxy Information	locationproxyinfo	The URI prefix used to direct access through a proxy server for this location or other information needed to establish proxy connections for the location	
Logout Uniform Resource Identifier Indicator	logouturi	Indicates whether the product supports a locally specified URI to which the user is directed upon exiting the Electronic Product	
Logout Uniform Resource Identifier Type	logouturitype	The type of logout URI being used	
Logout Uniform Resource Identifier Value	logouturivalue	The locally specified URI to which the user is directed upon exiting the Electronic Product	
Maintenance Window	maintenancewindow	The recurring period of time reserved by the product provider for technical maintenance activities, during which online access may be unavailable	
Maintenance Window Value	maintenancewindowvalue	The provider's regularly-scheduled downtime window for this product	
MARC Record Availability Indicator	marcrecordavailable	The availability of MARC records for the resource	
MARC Record Note	marcrecordnote	Further information regarding the availability of MARC record sets	e.g., free or purchased, acquisition and implementation status, etc.
Medium	medium	The agent of presentation of the resource	Examples include: online, CD-ROM, DVD-ROM, etc.
Non-Renewal Notice Period	nonrenewalnotice	The amount of advance notice required prior to license renewal if the licensee does not wish to renew the subscription	Use only if renewal type is automatic

Data Element Name	Identifier	Definition	Comments
Non-Renewal Notice Period Unit of Measure	nonrenewalnoticeunitmeasure	The time interval in which the Non-Renewal Notice Period is measured	
Notice Address Licensor	noticeaddresslicensor	The notice address of the licensor	To be used if different than the address listed in licensor role
Number of Consortial Participants	noconsortialparticipants	The number of library participants in a consortial deal	
OCLC Number	oclcno	The unique record number assigned to a bibliographic record by the OCLC cataloging utility	Other system numbers can be locally defined and recorded as needed
Open URL Activation Status Indicator	openurlactivationstatus	The activation of external links from this product	
Open URL Compliance Indicator	openurlcompliance	Indicates whether the Electronic Product and its content is generating OpenURL Standard compliant metadata	For more information on OpenURL see http://www.niso.org/committees/committee_ax.html
Order Request Date	orderrequestdate	The date upon which a request is made for the production of a purchase order for the product	
Order Request Note	orderrequestnote	Additional information about the request for order creation for an Electronic Product	
Organization Address	orgaddress	The mailing address of the organization	
Organization Alternate Name	orgaltname	Other names by which the organization is known	
Organization Identifier	orgid	The identification number assigned to the Organization by the ERM system	

Data Element Name	Identifier	Definition	Comments
Organization Library Bridge Identifier	orglibbridgeid	The identification number assigned to the Bridge by the ERM system	
Organization Name	orgname	The official name of the Organization	
Organization Note	orgnote	Additional information required to clarify the Organization information	
Other Identifier Number	otheridno	A number assigned to the resource by a locally defined source	This data element allows sites to locally assign and utilize system identifier numbers other than those defined by this model
Other Identifier Source	otheridsource	The name of another source which supplies an identifier number for a resource	This data element allows sites to locally assign and utilize system identifiers other than those defined by this model
Other Use Restriction Note	otheruserrestriction	Additional information about other use restrictions not adequately described elsewhere	e.g., time of day restrictions on Concurrent Users
Other User Restriction Note	otheruserrestriction	Additional information about other user restrictions not adequately described elsewhere	e.g., users located outside of United States or relevant country of institution
Partner Library Address	partnerlibaddress	The mailing address of the partner library	
Partner Library Alternate Name	partnerlibaltname	Other name(s) by which the partner library is known	
Partner Library Identifier	partnerlibid	The identification number assigned to the Consortium by the ERM system	
Partner Library IP Ranges	partnerlibipranges	The set of IP addresses associated with the partner library	
Partner Library Name	partnerlibname	The official name of the partner library	

Data Element Name	Identifier	Definition	Comments
Partner Library Note	partnerlibnote	Information needed to clarify the partner library or its role in the consortium	
Payment Detail	paymentdetail	Information about the specifics of payment at an institution	e.g., shared funding
Payment Note	paymentnote	Additional information about payment	
Performance Warranty Indicator	performancewarranty	Indicates whether a clause that requires a satisfactory level of online availability and/or response time is present	
Performance Warranty Uptime Guarantee	performanceuptimeguarantee	The specific percentage of up-time guaranteed for the product being licensed, and the context for that percentage	e.g., routine maintenance, excluding routine maintenance, etc.
Perpetual Access Holdings	perpetualaccessholdings	The dates of coverage for which perpetual rights are available and agreed upon in the legal contract	An accepted standard is recommended. The NISO/EDItEUR Joint Working Party for the Exchange of Serials Subscription Information is currently working on an XML-based holdings schema
Perpetual Access Note	perpetualaccessnote	Additional information related to perpetual access	
Perpetual Access Right	perpetualaccessright	The right to permanently access the licensed materials paid for during the period of the license agreement	
Personalization Services Indicator	personalizationservices	The availability of personalization features	e.g., alerts, etc.
Physical License Location	licenselocation	The place where a printed or other tangible instance of the license is stored	e.g., a department, office, file drawer, etc.
Pooled Concurrent Users	pooledconcusers	The number of concurrent users if shared across a consortium rather than within a specific institution	

Data Element Name	Identifier	Definition	Comments
Prevailing Non-Renewal Notice Period Unit of Measure	prevailingnonrenewalmeasure	The time interval in which the Non-Renewal Notice Period is measured	
Prevailing Terms Identifier	prevailingtermsid	The identification number assigned to each Prevailing Term record by the ERM system	
Prevailing Terms Note	prevailingtermsnote	Notes about the prevailing terms as a whole, or any explanations about choices made to set prevailing terms	
Price	price	The amount paid for the product	
Price Cap	pricecap	The maximum percentage of annual increase in a multi-year agreement	The percentage can vary from year to year
Pricing Model	pricingmodel	A description of the fee structure applicable to the product	
Primary Access Uniform Resource Identifier	primaryaccessuri	The method of access, the location, and the file name of an Electronic Product	Usually a URL
Primary Access Uniform Resource Identifier Type	primaryaccessuritype	The type of URI being used to locate and identify the product	e.g., URL, URN, OpenURL, etc.
Print Cancellation Note	pcancellationnote	Additional information about specific cancellation restrictions for print versions of electronic titles covered by the license	
Print Cancellation Restriction Indicator	pcancellationrestriction	Any restriction(s) on canceling print versions of electronic titles covered by a license	

Data Element Name	Identifier	Definition	Comments
Print Copy	pcopy	The right of the licensee and authorized users to print a portion of the licensed materials	
Print Copy Term Note	pcopytermnote	Information which qualifies a permissions statement on Print Copy	
Print International Standard Book Number	pisbn	A unique machine-readable identification number assigned to the print version of a resource	Source of definition: ISBN Home page: http://www.isbn.org/
Print International Standard Serial Number	pissn	A unique identification number assigned to each serial title by centers of the International Standard Serial Number Network	Source of definition: CONSER Editing Guide
Print Price	printprice	The price of the print version of the electronic resource	
Print Subscription Identifier	psubscriptionid	An identifier associated with a print subscription that must be used to register the electronic version for online access	e.g., a subscription number
Process Identifier	processid	The identification number assigned to the Processing Workflow record by the ERM system	
Product Advisory Note	productadvisorynote	A note for public display of temporary information about a product	Used to describe a problem with a product, provide advance notice of anticipated downtime, or convey other temporary information
Product Unavailable Indicator	productunavailable	A flag that indicates that a product is not available	May trigger a particular action
Provider Reference Linking Indicator	providerreferencelinking	The availability of links to external content created by the provider of the product	
Provider System Status Uniform Resource Identifier	providersystemstatusuri	The URI at which the provider posts system status information	

Data Element Name	Identifier	Definition	Comments
Provider System Status Uniform Resource Identifier Type	providersystemstatusuritype	The type of URI used to post system status information	
Proxy Information	proxyinfo	The URI prefix used to direct access through a proxy server or other information needed to establish proxy connections in general	
Proxy Registration Status	proxyregstatus	The status of the registration of access information with the relevant proxy server	
Proxy Server Decision Indicator	proxyserverdecision	The decision to make the product available through a server that operates as an intermediary between the user's computer and the resource to ensure proper authorization	The purpose of this element is not to convey license information (e.g., whether proxy servers are permitted), but to facilitate interoperation with local access management systems
Public Display Release Status	publicdisplayreleasestatus	The status of releasing the product to public display	
Public Note	publicnote	Additional information regarding the resource that is intended for public use	
Publicity Status	publicitystatus	The status of preparing publicity for the product	
Purchase Order Number	ponumber	The number assigned to the purchase order of a product	Probably informed by or linked to an acquisitions system
Purchase Renewal Date	purchaserenewaldate	The date on which the subscription will expire if it is not renewed	For multi-year agreements, the purchase renewal date may differ from the license renewal date

Data Element Name	Identifier	Definition	Comments
Purchase Renewal Tickler	purchaserenewaltickler	The advance notice interval, specified in days, desired by the library to warn of an upcoming purchase renewal date	
Related Version Identifier	relatedversionid	The identification number assigned to the Related Version by the ERM system	
Related Version Title	relatedversiontitle	Title for the print or other tangible version of the resource	
Remote Access	remoteaccess	The right of an authorized user to gain access to an Electronic Product from an offsite location	
Renewal Decision Date	renewaldecisiondate	The date on which the decision to renew a subscription must be made	
Renewal Status	renewalstatus	The status associated with a renewal evaluation or retention process for a product	
Renewal Type	renewaltype	A clause which specifies whether renewal is automatic or explicit	
Resource Type	resourcetype	A categorization of an item according to its physical or intellectual characteristics	Examples include: electronic journals, atlases, book reviews, software, video, government documents, etc. As a real-life example of "types" used in an electronic resource discovery tool, see UCSD's list for SAGE at: http://libraries.ucsd.edu/sage/types.html
Scholarly Sharing	scholarlysharing	The right of authorized users and/or the licensee to transmit hard copy or an electronic copy of a portion of the licensed materials to a third party for personal, scholarly, educational, scientific or professional use	

Data Element Name	Identifier	Definition	Comments
Scholarly Sharing Term Note	scholarlysharingtermnote	Information which qualifies a permissions statement on Scholarly Sharing	
Session Timeout Value	sessiontimeoutvalue	The inactivity timeout used for the resource	The timeout period can be fixed or configurable
Software Requirement	softwarerequirement	Information about software requirements	e.g., browser versions, plug-ins, fonts, and special client software
Statistics Standard Compliance	statisticsstandardcompliance	The official standard to which the usage statistics conform	For more information, see guidelines set forth at http://www.projectcounter.org and http://www.library.yale.edu/consortia/2001webstats.htm
Subject	subject	The topic of the content of a resource, which may be expressed as keywords or terms from accepted classifications or thesauri	Source of definition: Dublin Core Metadata Initiative.
Subscriber Branding Activation Status Indicator	subscriberbrandingstatus	The activation of a branding feature	
Subscriber Branding Indicator	subscriberbranding	The availability of a branding feature	
Subscriber Branding Note	subscriberbrandingnote	Additional information about subscriber branding	
Subscription Identifier	subscriptionid	An identifier assigned to the resource by a publisher or like organization intended to verify the library's subscription to the resource	
Termination Date	terminationdate	The date on which a subscription was terminated	May or may not be the same as a renewal expiration date, since some acquisitions permit early termination by one or more parties

Data Element Name	Identifier	Definition	Comments
Termination Reason	terminationreason	The reason a subscription was terminated	
Termination Requirement	terminationrequirement	The obligation to take certain actions upon termination of the contract	
Termination Requirements Note	terminationrequirementsnote	A clarification of the termination requirements and what certification of the requirement activities is necessary	
Termination Right Note	terminationrightnote	Additional information necessary to amplify any specifications of termination rights	
Terms Defined Identifier	termsdefinedid	The identification number assigned to each Terms Defined record by the ERM system	
Terms Note	termsnote	Notes about the terms in the business agreement of the license as a whole	
Training Information	traininginfo	Information regarding the availability of special training	e.g., instructions on how to bypass simultaneous user restrictions. May also include training contact names and other general information
Trial Available to Public Indicator	trialavailtopublic	An indication of the availability of the trial product to the public	
Trial Expire Date	trialexpiredate	The date on which the trial ends or that the product will no longer be accessible unless acquired	
Trial Identifier	trialid	The identification number assigned to the Trial Record by the ERM system	
Trial License Required Indicator	triallicenserequired	Indicates whether a license is required for the product's trial period	
Trial Note	trialnote	Additional information about the trial access	

Data Element Name	Identifier	Definition	Comments
Trial Password	trialpassword	The password that must be used to access the product on trial	
Trial Start Date	trialstartdate	The date the trial begins or on which the product becomes available	
Trial Uniform Resource Identifier	trialuri	The URI used to access the product during the trial period	
Trial Uniform Resource Identifier Type	trialuritype	The type of URI that is being used for the trial	
Trial Username	trialusername	The user name that must be used to access the product on trial	
UCITA Override Clause Indicator	ucitaoverride	A clause that reflects the licensor's agreement to use U.S. state contract law in the event UCITA is ever passed and implemented in the specified governing law state	UCITA is a state-by-state legislative proposal that would make click-through and shrink wrap licenses binding and enforceable. ARL libraries and consumers groups oppose the legislation
Uniform Title	uniformtitle	A heading consisting of the title by which an item or a series is identified for cataloging purposes when the title is not entered under a personal, corporate, meeting, or jurisdiction name in a name/title heading construction	Source of definition: MARC 21
Update Frequency	updatefrequency	The interval of time at which new data is added to an ongoing electronic resource	The update frequency may or may not be the same as publication frequency

Data Element Name	Identifier	Definition	Comments
URI to Z39.50 Information	uritoz3950	Information to assist Z39.50 access via a web interaction	
Usage Data Setup Status	usagedatasetupstatus	The status of the library's arrangement to receive usage data for the product	
Usage Statistics Addressee	usagestatsaddressee	The local person to whom usage statistics are sent	
Usage Statistics Availability Indicator	usagestatsavail	The availability of usage statistics for the product	
Usage Statistics Delivery Method	usagestatsdelivery	The manner in which usage statistics are made available	
Usage Statistics Format	usagestatsformat	The format(s) in which usage statistics are made available	
Usage Statistics Frequency	usagestatsfrequency	The frequency with which usage statistics are made available	
Usage Statistics Locally Stored	usagestatslocallystored	Information about and/or links to locally-stored usage data	
Usage Statistics Note	usagestatsnote	Additional information regarding usage statistics	
Usage Statistics Online Location	usagestatsonlinelocation	The online location at which usage statistics can be accessed	e.g., URL or file path
Usage Statistics Password	usagestatspassword	The password used for online access to the usage statistics management site or dataset	
Usage Statistics User Identifier	usagestatsuserid	The identifier used for online access to the usage statistics file	

Data Element Name	Identifier	Definition	Comments
User Documentation	userdoc	Information about and/or location of documentation available for end users	
User Group Identifier	usergroupid	The identification number assigned to each User Group record by the ERM system	
User Group Permission Legal Interpretation	usergrouplegalinterpretation	Designates whether the license or business agreement defining these terms permits or prohibits the user group's access to the product	
User Group Permission Operational Value	usergroupoperationalvalue	Designates a local decision to further constrain access beyond that required by the license or business agreement	
User Interface Configuration Indicator	userinterfaceconfig	The ability to control user interface features	
User Note	usernote	Additional information about user categories or special restrictions not covered elsewhere	
User Proxy Information	userproxyinformation	The URI prefix used to direct access through a proxy server for this user group or other information needed to establish proxy connections for the group	
User Status	userstatus	The specific user group categories for the institution	
Walk-In User Term Note	walkinusertermnote	Information which qualifies the status or permitted actions of Walk-In Users	

Data Element Name	Identifier	Definition	Comments
Work Associated with Related Version	workassociated	The work from which the electronic resource has been derived	
Work Identifier	workid	The identification number assigned to the Work by the ERM system	
Z39.50 Access Status	z3950accessstatus	The status of setting up Z39.50 access to the product	
Z39.50 Address	z3950address	Address used to provide Z39.50 access	
Z39.50 Attributes	z3950attributes	Attributes necessary to activate Z39.50 access	
Z39.50 Authentication Information	z3950authinfo	Authentication information necessary to activate Z39.50 access	
Z39.50 Database Name Long	z39050databasenamelong	Long database name necessary to enable Z39.50 access	
Z39.50 Database Name Short	z3950databasenameshort	Short database name necessary to enable Z39.50 access	
Z39.50 Indicator	z3950	Indicates whether the Z39.50 computer-to-computer communication protocol is supported by the Interface	ANSI Standard; element indicates the ability of the Interface of the resource to support this standard
Z39.50 Port	z3950port	Port used to provide Z39.50 access	

Glossary

Bridge (Bridge Entity): The bridge entity allows for the unique expression of each single relationship between two entities when they are linked by a many-to-many relationship. A bridge can also capture unique attributes of each individual relationship (for more information, see Appendix C: Entity Relationship Diagram for Electronic Resource Management)

Consortium: A group embodying two or more libraries or organizations that enter into a cooperative purchasing agreement for a particular electronic product

Electronic Product (Electronic Product): In this model, an electronic product represents a superclass. It is comprised of the Electronic Resource Entity and the Interface Entity (for more information, see Appendix E: Electronic Resources Management System Data Structure)

Electronic Resource (Electronic Resource): Material encoded for manipulation by computer, including texts, sounds, images, numeric data, computer programs, etc. alone or in combination, as well as materials that require the use of peripheral devices directly connected to a computer (e.g. CD-ROM drive or player) or that require a connection to a computer network (e.g. the Internet). –AACR2

Entity: A high-level concept within a data model. An entity can be represented as a table in a relational database (for more information, see Appendix C: Relationship Diagram for Electronic Resource Management)

External Linking: The provision within an electronic product of context-sensitive hyperlinks leading to external resources

Interface: The software platform or website through which a particular e-resource is made available

IP Address: A number that identifies the network, node, server, or individual workstation that transmits or receives information via the Internet

Online Administration Module: An administrative interface supplied by the provider for library staff use wherein the public interface of the electronic product can be modified to local specifications

Platform Simultaneous Users: A limitation on the number of users who may access an interface simultaneously. This number is distinct from the use limit set on individual resources contained within the interface, and may impact access to a particular resource if the simultaneous use of other resources has taken up some or all of the available interface user allowance

Pooled Users: A limited number of simultaneous users which is shared by a group of partner libraries. One institution could exploit all of the available user slots in the pool at any given time. Within this model, pooled users are generally shared within a consortium

Print Version: The paper-based form of an electronic resource, which often serves as the basis for the electronic content

Provider: The organization or service that supplies electronic access to the electronic content

Publisher: The organization responsible for the production of the information contained in the product

Related Version: The print or other tangible form of an electronic resource, which often serves as the basis for the electronic content

Subscriber Branding: The presence of the subscriber name, identifier, logo, or symbol on an electronic resource, which identifies the subscriber as the party responsible for making the resource available at a particular institution or to a specific user group

Uniform Resource Identifier (URI): Identifies the method of access, the location, and the file name of an e-resource

Uniform Resource Locator (URL): A particular kind of URI which locates a file residing on the Internet

Vendor: The organization responsible for accepting payment for the electronic product

