

857 ELECTRONIC ARCHIVE LOCATION AND ACCESS

Field Definition and Scope

This field is used for information needed to locate and access an electronic resource stored in a web archive or digital repository.

It may be used in addition to or in place of, field 856 if additional information about archived resources is needed.

It may also provide location and access information for a digitized archived version of a tangible resource (e.g., a book or CD-ROM described in the record), or a related archived resource.

At least one subfield g, h or u are mandatory.

Repeatable when an electronic resource is stored in more than one web archive or digital archive repository.

Subfields & Occurrence

Field/Subfield	Field/Subfield Name	Repeatability	Occurrence
857	ELECTRONIC ARCHIVE LOCATION AND ACCESS	R	O
a	Name of Archiving Agency	NR	O
c	Name of Web Archive or Digital Archive Repository	NR	O
d	Date Range of Archived Material	NR	O
f	Archive Completeness	NR	O
g	Persistent Identifier	R	MA
h	Non-Functioning Uniform Resource Identifier	R	MA
l	Standardized Information Governing Access	R	O
m	Contact for Access Assistance	R	O
n	Terms Governing Access	R	O
o	Access Status	NR	O
p	Access Method	NR	O
q	Electronic Format Type	R	O
r	Standardized Information Governing Use and Reproduction	R	O
s	File Size	R	O
t	Terms Governing Use and Reproduction	R	O
u	Uniform Resource Identifier (URI)	R	MA
x	Nonpublic Note	R	O
y	Link Text	R	O
z	Public Note	R	O
2	Source	NR	O
5	Institution to which the Field Applies	NR	O
6	Interfield Linking Data	R	O
8	Materials Specified	R	O

Indicators

Indicator	Value	Description
1		Access Method
	#	No information provided
	1	FTP
	4	HTTP
	7	Method specified in subfield \$p
2		Relationship

	#	No information provided
	0	Resource
	1	Version of resource
	2	Related resource
	3	Component part(s) of resource
	4	Version of component part(s) of resource

Indicators Description

Indicator 2: Relationship

Value 0: Resource

Details to access the described resource.

Value 1: Version of resource

Details to access an archived electronic version of the tangible resource (e.g., a printed book or a CD-ROM) described in the record.

Value 2: Related resource

Details on accessing the archived electronic resource that has a direct bibliographic relationship to the bibliographic resource described by the record except for component part(s) of the resource. When there is uncertainty about whether a resource may be a component part of the whole or a related resource, prefer the second indicator value 2 (Related resource).

Value 3: Component part(s) of resource

Details to access one or more archived component parts of the electronic resource described by the record as a whole.

Value 4: Version of component part(s) of resource

Details to access an archived electronic version of one or more component parts of the tangible resource described by the record as a whole.

Subfields Description

\$a Name of Archiving Agency

Name of the agency responsible for the web archive or digital archive repository. Not repeatable.

\$c Name of Web Archive or Digital Archive Repository

The name by which the web archive or digital archive repository is known. Not repeatable.

\$d Date Range of Archived Material

The subfield is intended primarily for archived electronic continuing resources and other dynamic resources to provide information about the range of dates during which the archived material was issued.

The start date of the archived material should always be mentioned when known; the end date is only if the material described in the record is no longer being archived.

Multiple date ranges can be provided in a single subfield \$d by separating them with ";". The reason for these gaps, if known, may be provided in subfield \$x or in subfield \$z. Not repeatable.

\$f Archive Completeness

The subfield is intended primarily for archived electronic continuing resources or other archived dynamic resources. It contains information about how often or how many times an electronic continuing resource has been harvested.

This information enables the user to infer the archived material's completeness for the date range in \$d when coupled with the resource's frequency.

If providing the number of times a resource has been harvested, provide the date this information was obtained. Not repeatable.

\$g Persistent Identifier

Persistent identifier (PID) enables search and retrieval of a resource from a web archive or digital archive repository using existing Internet protocols. It is assigned to the resource for automated access and other resolution services by a PID resolver. PIDs should be provided as actionable hyperlinks (e.g., HTTP URI format).

If a PID resolves to more than one URI, these URIs may be provided in the same 857 field, with repeated subfield \$u. Repeatable.

\$h Non-Functioning Uniform Resource Identifier

Uniform Resource Identifier (URI), for any archive or repository that has ceased to exist.

A note on the status change (including the date) may be added in either subfield \$x or subfield \$z, depending on the local policy. Repeatable.

\$l Standardized Information Governing Access

A one-character code indicating information about the access status of a resource. Not repeatable.

Codes:

0	open access	The networked electronic resource is freely and openly accessible online to everyone, without restriction, login, or payment.
1	restricted access	The networked electronic resource is not freely and openly accessible online.
u	unspecified	
z	other	

\$m Contact for Access Assistance

Name of the contact for assistance in accessing a resource at the host specified in subfield \$a. Repeatable.

\$n Terms Governing Access

Textual information about the access status of a resource. Repeatable.

\$p Access Method

The access method when the first indicator position contains value 7. Use the codes from the Electronic Access Methods Code List (<https://www.loc.gov/standards/valuelist/electronaccess.html>). Not repeatable.

\$q Electronic Format Type

Identification of the electronic format type and version.

Electronic format type should be specified with a code from the list of registered Internet Media Types (MIME types), taken from: IANA Media Types (<https://www.iana.org/assignments/media-types/media-types.xhtml>). If necessary (e.g., to specify a file format version to support access or digital preservation) additional information, such as PRONOM Unique Identifier (PUID) codes, may be included in addition to the information provided by the MIME Type by repeating subfield \$q. Repeatable.

\$r Standardized Information Governing Use and Reproduction

Standardized information regarding the use and reproduction rights of a resource. The information may be in the form of a value from a controlled vocabulary, or a Uniform Resource Identifier (URI).

Source of value is recorded in \$2.

Repeatable.

\$s File Size

Size of the file(s) as stored in the archive indicated in subfield \$c. It is generally expressed in terms of 8-bit bytes (megabytes, gigabytes). Repeatable.

\$t Terms Governing Use and Reproduction

Textual information about using and reproduction rights of a resource. Repeatable.

\$a Uniform Resource Identifier (URI)

A Uniform Resource Identifier (URI), such as a URL (Uniform Resource Locator) or URN (Uniform Resource Name), serves as a standardized string that identifies a resource and provides electronic access via internet protocols. This allows for automated retrieval or interaction with the resource in a consistent manner.

Subfield \$u may be repeated if more than one URI is recorded.

URIs that no longer function to provide access to the described resource may be transferred to \$h.

\$x Nonpublic Note

Note relating to the electronic location of the source identified in the field. The note is written in a form that is not adequate or intended for public display. It may also contain processing information about the file at the location specified. Repeatable.

\$z Public Note

Note relating to the electronic location of the source identified in the field. The note is written in a form that is adequate or intended for public display. Repeatable.

\$y Link Text

Used for display in place of the URL in subfield \$u. When subfield \$y is present, applications should use the contents of subfield \$y as the link instead of the content of subfield \$u when linking to the destination in subfield \$u. The use of the link text is independent of any decision concerning the second indicator value. Repeatable.

\$2 Source

An identification in coded form of source of the value used in \$r. For the list of Access Restriction Term Source Codes, see [Appendix A](#). Mandatory if \$r is used. Not repeatable.

\$5 Institution to Which the Field Applies

Name of the institution to which field applies in the coded form if it is considered necessary by the agency which creates the record to identify specific attributes of an item.

If the subfield is used codes should be entered in accordance with the provisions of International Standard Identifier for Libraries and Related Organizations (ISIL), ISO 15511 or may contain codes from MARC Code List for Organizations, otherwise, the full name of the agency or a national code may be used. Not repeatable.

\$6 Interfield Linking Data

This subfield contains information allowing the field to be linked for processing purposes to other fields in the record. (See section 3.13 Interfield Linking Data, 3 Format structure). Repeatable.

\$8 Materials Specified

Part of the described materials to which the field applies. Repeatable.

Related Fields

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Examples

EX 1
530 1# \$aBúnaðarblaðið Freyja
856 4# \$uhttp://www.sjarminn.is\$zResource no longer available online as of 2013
857 41 \$aLandsbókasafn Íslands - Háskólabókasafn\$cVefsafn\$d2011-2013\$uhttps://vefsafn.is/is/20130315194337/http://www.sjarminn.is/\$\$x[diagnostic]\a200OK\b\c20240111\$zLast archived 2013.
Web archive URL in 857 \$u, the name of the agency responsible for the web archive in \$a, and the public note in \$z.
EX 2
857 41 \$aBibliothèque nationale de France\$cGallica\$d1917-1917\$fIncomplete\$ghttps://gallica.intramuros.bnf.fr/ark:/12148/cb34471903t/date
A persistent identifier (PID) allows automated access and other resolution services by a PID resolver.
EX 3
530 1# \$aJournal de votre quartier Fives\$b(En ligne)
856 4# \$uhttps://www.calameo.com/books/002898805d06e6c940480
857 40 \$aInternet Archive\$cWayback Machine\$o1\$nAccess is allowed for registered users
\$uhttps://web.archive.org/web/*/https://www.calameo.com/books/002898805d06e6c940480
EX 4
85741 \$bInternet Archive\$d1892-2014\$fComplete\$o0\$uhttps://archive.org/details/pub_vogue

History

2024	New field.
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