
856 Electronic Location and Access (R)

First Indicator*Access method*# - *No information provided*0 - *Email*1 - *FTP*2 - *Remote login (Telnet)*3 - *Dial-up***4 - HTTP**7 - *Method specified in subfield \$2***Second Indicator***Relationship*# - **No information provided**0 - *Resource*1 - *Version of resource*2 - *Related resource*8 - *No display constant generated***Subfield Codes**\$a - *Host name (R)*\$b - *Access number (R)*\$c - *Compression information (R)*\$d - *Path (R)*\$f - *Electronic name (R)*\$h - *Processor of request (NR)*\$i - *Instruction (R)*\$j - *Bits per second (NR)*\$k - *Password (NR)*\$l - *Logon (NR)*\$m - *Contact for access assistance (R)*\$n - *Name of location of host (NR)*\$o - *Operating system (NR)*\$p - *Port (NR)*\$q - *Electronic format type (NR)*\$r - *Settings (NR)*\$s - *File size (R)*\$t - *Terminal emulation (R)***\$u - Uniform Resource Identifier (R)**\$v - *Hours access method available (R)*\$w - *Record control number (R)*\$x - *Nonpublic note (R)*\$y - *Link text (R)*\$z - *Public note (R)*\$2 - *Access method (NR)*\$3 - *Materials specified (NR)*\$6 - *Linkage (NR)*\$8 - *Field link and sequence number (R)***FIELD DEFINITION AND SCOPE**

Information needed to locate and access electronic information. The field may be used in an authority record to provide supplementary information available electronically about the entity for which the record was created.

Field 856 is repeated when the location data elements vary (the URL in subfield \$u or subfields \$a, \$b, \$d, when used). It is also repeated when more than one access method is used, mirror sites are recorded, different formats/resolutions with different URLs are indicated, and related items are recorded.

See the [Guidelines for the Use of Field 856](#) for a more thorough discussion on the use of field 856.

GUIDELINES FOR APPLYING CONTENT DESIGNATORS
■ INDICATORS
First Indicator - Access method

Value that defines the access method to the electronic resource. If the resource is available by more than one access method, the field is repeated with data appropriate to each method. When recording a URL in subfield \$u, the value corresponds to the access method (URL scheme), which is also the first element in the URL string.

Methods defined are the main TCP/IP (Transmission Control Protocol/Internet Protocol) protocols.

4 - HTTP

Access to the electronic resource is through the Hypertext Transfer Protocol (HTTP).

Second Indicator - Relationship

Relationship between the electronic resource at the location identified in field 856 and the entity described in the record.

Only value # (No information provided) is used for authority records.

- No information provided
■ SUBFIELD CODES
\$u - Uniform Resource Identifier

Uniform Resource Identifier (URI), which provides standard syntax for locating an object using existing Internet protocols or by resolution of a URN. Field 856 is structured to allow for the creation of a URL from the concatenation of other separate 856 subfields. Subfield \$u may be used instead of those separate subfields or in addition to them.

May be repeated only if both a URN or a URL or more than one URN are recorded.

■ EXAMPLES

856 with URL/URN:

- | | |
|---------------|--|
| 100 | 1#\$aRussell,Bertrand,\$d1872-1970 |
| 856 | 4#\$u http://plato.stanford.edu/entries/russell/russell.jpeg \$y photograph |
| 100 0# | \$aLeonardo,\$cda Vinci,\$d1452-1519.\$tMona Lisa |
| 856 4# | \$u http://www.ibiblio.org/wm/paint/auth/vinci/joconde/ \$y description |
| 856 4# | \$3image \$u http://www.ibiblio.org/wm/paint/auth/vinci/joconde/joconde.jpg |
| 110 2# | \$aLibrary of Congress.\$bCopyright Office |
| 856 4# | \$u http://www.loc.gov/copyright |
| 111 2# | \$aInternational Conference on the Principles and Future Development of AACR |
| 856 4# | \$u http://www.collectionscanada.ca/jsc/ |
| 150 ## | \$aPresidents' spouses\$zUnited States |
| 856 4# | \$u http://www.firstladies.org/ |