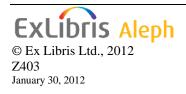# Z403 – OBJECT DATA

The ALEPH Digital Asset Module (ADAM) enables libraries to manage digital assets and associated metadata within the ALEPH environment. The Z403 table contains information related to the digital objects such as the object's location, technical data, copyright information, and access rights.

In the following table, (X) denotes an alphanumeric field and (9) denotes a numeric field. All alphanumeric fields are left-aligned with trailing spaces, all numeric fields are right-aligned with leading zeroes. Decimal positions are indicated by the symbol V. The total number of decimal digits is designated by the number of nines following the V.
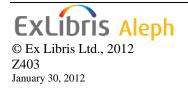
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02 Z403-IP-ADDRESS-V6          PICTURE X(600).
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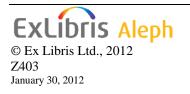| Z403-REC-KEY			
Z403-DOC-NUMBER	M	9(9)	**DESC:** System number of the bibliographic record associated to the digital object. **CONV:** System number of the bibliographic record.
Z403-SEQUENCE	M	9(6)	**DESC:** Sequence number of the digital object. Used to distinguish between multiple digital objects attached to the same bibliographic record. **CONV:** Create consecutive numbers, with leading zeroes. Begin with 000001. Every digital object attached to the same Z403-DOC-NUMBER should increase by one.
Z403-DERIVED-FROM-SEQUENCE	M/O	9(6)	**DESC:** If the digital object derived from another digital object (this is the case for objects where the Z403-USAGE-TYPE is INDEX or THUMBNAIL) this field contains the Z403-SEQUENCE field of the related digital object. If the digital object did not derive from another digital object, then this field should be set to zeroes. **CONV:** Relevant Z403-SEQUENCE or zeroes.
Z403-BASIC-METADATA			
Z403-TITLE	M	X(5)	**DESC:** This field contains the title of the object. If you leave the field blank, it is automatically filled by the system based on the title of the bibliographic record (Z13-TITLE). **CONV:** Relevant string or set to the relevant Z13-TITLE.
Z403-F-DIRECTORY	M/O	X(100)	**DESC:** This field contains the object's storage directory. The field is irrelevant for URL objects. **CONV:** Relevant location/directory or leave blank if the object is of type URL.
Z403-F-FILENAME	M/O	X(100)	**DESC:** This field contains the file name of the object. The field is irrelevant for URL objects. **CONV:** Relevant file name. Note that the file name must be unique per Z403-F-DIRECTORY. In other words, two objects in the same location cannot have the same Z403-F-FILENAME.

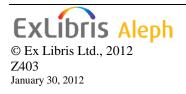| Z403-ORIGINAL-FILE-NAME	M/O	X(200)	**DESC:** This field is for internal use. **CONV:** For conversion purposes place the file name and location of the object in the following format: Z403-F-DIRECTORY/ Z403-F-FILENAME. Leave blank if the object is of type URL
Z403-OBJECT-EXTENSION	M/O	X(5)	**DESC:** This field contains the extension of the object and it is filled in automatically by the system. The field is irrelevant URL objects. **CONV:** Relevant extension. If the object is of type URL, leave this field empty.
Z403-OBJECT-SIZE	M	9(9)	**DESC:** This field contains the object's size in bytes and it is automatically filled in by the system. The field is irrelevant URL objects. **CONV:** Relevant size in bytes. If the object is of type URL, set this field to zeroes.
Z403-U-PATH	M/O	X(2000)	**DESC:** This field is only relevant for URL objects. The field contains the relevant URL. **CONV:** Relevant URL or empty.
Z403-USAGE-TYPE	M	X(20)	**DESC:** The value in this field determines the usage type of the objects. The following options are available : - **VIEW**: This is the standard type for objects. The object is for viewing. - **THUMBNAIL**: The object is used as a thumbnail. - **INDEX**: The object is of XML type and it is used for full indexing of the document. Note that this type is generally generated by the system when using the Indexing function. The XML required for full indexing must be in a very specific format. **CONV:** Relevant usage type value. In most cases this should be set to VIEW.

Z403-SUB-LIBRARY	O	X(5)	**DESC:** This field indicates the library or sublibrary to which the object belongs. There are three possible levels: - **Global**: The object is not related to a specific administrative library and to a specific sublibrary. In this case, the field is empty. - **ADM**: The object is related to a specific administrative library. In this case, the field contains the library code (for example, USM50). - **Sublibrary**: The object is related to a specific sublibrary. In this case, the field contains the sublibrary code. **CONV:** Relevant value.
Z403-NOTE-1	O	X(500)	**DESC:** Free-text note. **CONV:** Relevant note or empty.
Z403-NOTE-2	O	X(500)	**DESC:** Free-text note. **CONV:** Relevant note or empty.
Z403-NOTE-3	O	X(500)	**DESC:** Free-text note. **CONV:** Relevant note or empty.
Z403-NOTE-4	O	X(2000)	**DESC:** Free-text note. **CONV:** Relevant note or empty.
Z403-NOTE-5	O	X(2000)	**DESC:** Free-text note. **CONV:** Relevant note or empty.
Z403-OPEN-DATE	M	9(8) Format: YYYYMMDD	**DESC:** Date the record was created. **CONV:** Relevant date or conversion date.
Z403-UPDATE-DATE	M	9(8) Format: YYYYMMDD	**DESC:** Date the record was last updated. **CONV:** Relevant date or conversion date.
Z403-CATALOGER	M	X(10)	**DESC:** This field contains the user name of the librarian who loaded the digital object. This field is added automatically by the system when the load is performed. **CONV:** Use 'CONV' as a default or relevant operator's user name.
Z403-ADVANCED-METADATA			

Z403-CHARACTER-SET	O	X(100)	**DESC:** The Character Set is recommended for textual objects that will be further used for full-text indexing. In other cases it is optional. It contains the character set of the document. This information will be used to start the appropriate routine for character conversion for full-text indexes. **CONV:** Relevant character set (recommended for textual objects such as WORD, PDF, etc.) or leave empty.
Z403-COLOR-SETTING	O	X(100)	**DESC:** This field contains information related to the object's color. **CONV:** Relevant information or leave empty.
Z403-RESOLUTION	O	X(100)	**DESC:** This field contains the object's resolution. **CONV:** Relevant resolution or leave empty.
Z403-DIMENSIONS	O	X(100)	**DESC:** This field contains information related to the object's dimensions. **CONV:** Relevant information or leave empty.
Z403-COMPRESSION-RATIO	O	X(100)	**DESC:** This field contains information related to the object's compression ratio. **CONV:** Relevant information or leave empty.
Z403-CREATION-DATE	M	9(8)	**DESC:** This field contains the object's creation date. If no information is available the field is set to zeroes. **CONV:** Relevant date or zeroes.
Z403-CREATION-HARDWARE	O	X(100)	**DESC:** This field contains information related to the creation hardware that was used. **CONV:** Relevant information or leave empty.
Z403-CREATION-SOFTWARE	O	X(100)	**DESC:** This field contains information related to the creation software that was used. **CONV:** Relevant information or leave empty.
Z403-COPYRIGHT			
Z403-COPYRIGHT-CONTACT	O	X(20)	**DESC:** This field contains the copyright contact. **CONV:** Relevant string or leave empty.
Z403-COPYRIGHT-OWNER	O	X(100)	**DESC:** This field contains the copyright owner. **CONV:** Relevant string or leave empty.

Z403-COPYRIGHT-TYPE	O	X(100)	**DESC:** This field contains information related to the copyright type (for example, registered, licensed, and so on). **CONV:** Relevant string or leave empty.
Z403-COPYRIGHT-NOTE	O	X(2000)	**DESC:** Free-text note. **CONV:** Relevant string or leave empty.
Z403-COPYRIGHT-NOTICE	M	X(1)	**DESC:** This field determines whether a copyright notice is displayed before the object is presented. Values are: **N**: Do not display a copyright notice **Y**: Display a copyright notice. **CONV:** Relevant value.
Z403-COPYRIGHT-NOTICE-TYPE	O	X(10)	**DESC:** This field contains information related to information related to the copyright notice type (for example, Free for all, and so on). **CONV:** Relevant string or leave empty.
Z403-ACCESS-RIGHTS			
Z403-DISPLAY-LINK	M	X(1)	**DESC:** This field determines whether the object is available for viewing through the OPAC. Values are: **Y**: Object is available in the OPAC. **N**: Object is not available for viewing from the OPAC. **CONV:** Relevant value.
Z403-DISPLAY-CODE	-	X(5)	**DESC:** Not in use. **CONV:** Leave empty.
Z403-EXPIRY-DATE	M	9(8)	**DESC:** This field contains the object's expiry date. If the date is in the past, the object is not displayed in the OPAC. **CONV:** Relevant dates or zeroes.
Z403-GUEST	M	X(1)	**DESC:** This field determines whether the object is available for users that have not signed in. Values are: Y: The object is available to users that have not signed in. N: The object is not available to users that have not signed in. **CONV:** Relevant value.

Z403-IP-ADDRESS	O	X(200)	**DESC:** This field can be used in order to restrict the display of the object to a particular IP address. You can enter more that one IP; the addresses must be delimited by a space. Note that the address can use the * character (for example, 235.125.*.* means all addresses that begin with "235.125"). **CONV:** Relevant IP(s) or leave empty.
Z403-COURSE	O	X(200)	**DESC:** This field can be used in order to restrict the display of the object only to patrons registered to the selected course. You can enter more that one course; the courses should be delimited by a space. Note that this functionality is enabled when the object's environment is the Course library (for example, USM30). **CONV:** Relevant course(s) or empty.
Z403-USER-STATUS	-	X(50)	**DESC:** This field is currently not in use. In the future it will be used in order to restrict the display of the object to a particular patron status. You will be able to enter more than one status delimited by a space. **CONV:** Leave empty.
Z403-RESTRICT-SUB-LIBRARY	O	X(5)	**DESC:** This field can be used in order to restrict the display of the object only to patrons registered to the selected sublibrary. **CONV:** Relevant sublibrary code or leave empty.
Z403-NO-OF-COPIES	M	9(3)	**DESC:** This field determines the limit of concurrent views for the object. **CONV:** Relevant number or set to 000.
Z403-VIEW-TIME	-	9(3)	**DESC:** This field is currently not in use. In the future it will be used in order to determine the object's "loan duration". **CONV:** Set to 000.
Z403-ITEM-INFORMATION			All the fields in this section are currently not in use. In the future they will be used in order to link the object with a particular item record (Z30).
Z403-ITEM-LIBRARY	-	X(5)	**DESC:** This field is currently not in use. **CONV:** Leave empty.
Z403-ITEM-DOC-NUMBER	-	9(9)	**DESC:** This field is currently not in use. **CONV:** Set to 000000000.
Z403-ITEM-SEQUENCE	-	9(6)	**DESC:** This field is currently not in use. **CONV:** Set to 000000.

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Z403-ENUMERATION-A	-	X(20)	**DESC:** This field is currently not in use. **CONV:** Leave empty.
Z403-ENUMERATION-B	-	X(20)	**DESC:** This field is currently not in use. **CONV:** Leave empty.
Z403-ENUMERATION-C	-	X(20)	**DESC:** This field is currently not in use. **CONV:** Leave empty.
Z403-CHRONOLOGICAL-I	-	X(20)	**DESC:** This field is currently not in use. **CONV:** Leave empty.
Z403-CHRONOLOGICAL-J	-	X(20)	**DESC:** This field is currently not in use. **CONV:** Leave empty.
Z403-RELATIONS			
Z403-PID	O	X(200)	**DESC:** DigiTool PID. Contains the Object DigiTool PID in order to enable data replication between ADAM and DigiTool. **CONV:** Relevant DigiTool PID or leave blank.
Z403-STREAM-LINK	O	X(2000)	**DESC:** Link to the streamed object. Required for the creation of index files (e.g. with p_adam_05)
Z403-IP-ADDRESS-V6	O	X(600)	**DESC**: For future use.