

## Z00P – ALEPH Published Documents

The Z00P table contains document records that were extracted from the ALEPH catalog for publishing purposes (for example for publishing to search engines and search tools such as Google and Primo).

The Z00P is by default located in the usr\_library. However, it may be located in a different library, defined by the aleph\_start 'publishing\_library' variable.

The table is created and updated by two extract processes: initial and ongoing. The initial extract process is performed by running the Initial Publishing Process (publish-04) service. This service can be run from the Publishing submenu of the Services menu in the Cataloging module.

The ongoing extract process is performed by the UE\_21 publishing daemon. This program updates the Z00P table in order to reflect changes to the database such as the deletion and update of records.

The specifications for the creation of the Z00P table derive from the tab\_publish table located in the tab directory of the published library.

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 zeros. Decimal positions are indicated by the symbol V. The total number of decimal digits is designated by the number of nines following the V. Note that the decimal point is not stored in the field (for example, if the field definition is 9(4)V99, then 1000 = 10.00).

02	Z00P-REC-KEY.	
03	Z00P-SEQUENCE	PICTURE 9(9).
02	Z00P-SET	PICTURE X(20).
02	Z00P-LIBRARY	PICTURE X(5).
02	Z00P-DOC-NUMBER	PICTURE 9(9).
02	Z00P-TIMESTAMP	PICTURE 9(15).
02	Z00P-STATUS	PICTURE X(10).
02	Z00P-HASH	PICTURE X(32).
02	Z00P-STORAGE-TYPE	PICTURE X(1).
02	Z00P-STR	PICTURE X(4000).
02	FILLER	PICTURE X(3).
02	Z00P-PTR	PICTURE X(8)
		VALUE SPACES.

<b>Z00P-REC-KEY</b>			
Z00P-SEQUENCE	M	9(9)	<b>DESC:</b> This field contains the unique identifier of the published record. The sequence is based on the last_publish_seq Oracle sequence that is present in \$publishing_library ("setenv publishing_library") or, if not specified, in \$usr_library. Note that it is recommended to recreate the sequence (UTIL A/17/9/2) when the z00p is recreated.
Z00P-SET	M	X(20)	<b>DESC:</b> This field contains the publishing set code. The contents of the field derive from column 1 of the tab_publish table.
Z00P-LIBRARY	M	X(5)	<b>DESC:</b> This field contains the original library of the published record.
Z00P-DOC-NUMBER	M	9(9)	<b>DESC:</b> This field contains the original system number of the published record. Note that the combination of Z00P-SET and Z00P-LIBRARY and Z00P-DOC-NUMBER is always unique.
Z00P-TIMESTAMP	M	9(15)	<b>DESC:</b> Time stamp, assigned when record is created or updated. The time stamp is in UTC (Coordinated Universal Time) and is in the following format: YYYYMMDDHHMMSS.
Z00P-STATUS	M	X(10)	<b>DESC:</b> This field contains the status of the published record. Following values are available: NEW UPDATED DELETED The Initial Publishing Process (publish-04) service sets the field to NEW. The ongoing UE_21 daemon changes the status in order to reflect the reason for the update. New records are set to NEW, updated records are set to UPDATED and deleted records are set to DELETED.
Z00P-HASH	M	X(32)	<b>DESC:</b> This field is for internal use.
Z00P-STORAGE-TYPE	M	X(1)	<b>DESC:</b> This field indicates whether XML is stored in the Z00P-STR field (if its length is less than 4000 bytes) or in Z00P-PTR (in case the XML is longer than 4000 bytes). Following values are possible:

			<p><b>V</b> – Stored in Z00P-STR (Oracle’s Varchar2 datatype).</p> <p><b>C</b> – Stored in Z00P-PTR (Oracle’s Clob)</p>
Z00P-STR	M	X (4000)	<p><b>DESC:</b> This field contains the published record, if its length is less than 4000 bytes. The format of the record is derived from the specifications in the tab_publish table. Note that the extracted record might differ from the record in the database. The reason for this difference is because extracted records can be modified to include information added by standard ALEPH procedures such as FIX and EXPAND.</p>
FILLER	-	X(3)	<p><b>DESC:</b> Not in use.</p>
Z00P- PTR	M	X(8)	<p><b>DESC:</b> This field contains the published record if its length is more than 4000 bytes. The format of the record derives from the specifications in the tab_publish table. Note that the extracted record might differ from the record in the database. The reason for this difference is based on the fact that extracted records can be modified to include information added by standard ALEPH procedures such as FIX and EXPAND.</p>