

## Z503 – Message for External SSO (Oracle Queue)

Aleph is capable of storing information regarding specific events that affect a third-party Single Sign On system (SSO). This information is stored in the Oracle advanced queue, residing inside the Aleph database (Z503).

It is the third-party SSO system's responsibility to pull the information from Aleph's queue, analyze it according to its own logics, and update the SSO data (for example, update patron name and password).

For more information, refer to the **Aleph and SSO Integration** section of the *Aleph 21 System Librarian's Guide-Circulation*.

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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01  Z503.
      02  Z503-EVENT-TIME          PICTURE X(15) .
      02  Z503-EVENT-LIBRARY      PICTURE X(5) .
      02  Z503-EVENT-TYPE         PICTURE X(2) .
      02  Z503-USER-ID            PICTURE X(12) .
      02  Z503-EVENT-Z303         PICTURE X(3000) .
      02  Z503-EVENT-Z304         PICTURE X(1000) .
      02  Z503-EVENT-Z305         PICTURE X(2000) .
      02  Z503-EVENT-Z308         PICTURE X(200) .
  
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Z503-EVENT-TIME	M	X(15) Format: YYYYMMDDHHMMSS	<b>DESC:</b> Time stamp, when the transaction took place.
Z503-EVENT-LIBRARY	M	X(5)	<b>DESC:</b> The ADM library where the event occurred
Z503-EVENT-TYPE	M	X(2)	<b>DESC:</b> the type of the event: NP – New Patron UA – Update Address UP – Update Password
Z503-USER-ID	M	X(12)	<b>DESC:</b> Patron's internal ID.
Z503-EVENT-Z303	O	X(3000)	<b>DESC:</b> Global patron information. Same structure of Z303 table
Z503-EVENT-Z304	O	X(1000)	<b>DESC:</b> Patron's address. Same structure of Z304 table
Z503-EVENT-Z305	O	X(2000)	<b>DESC:</b> Patron's Local Information. Same structure of Z305 table
Z503-EVENT-Z308	O	X(200)	<b>DESC:</b> Patron's ID. Same structure of Z308 table