Z502 – Message for External Gateway (Oracle Queue)

A library may employ a third party gateway system that controls patron access to library services. Aleph is capable of making information available to be used by the gateway system. This information is stored in the Oracle Advanced Queue, which resides in the Aleph database (Z502).

Aleph merely makes the information available; the gateway system is responsible for accessing the information from the Aleph queue, analyzing it according to its own criteria, and determining whether to allow or block access to a patron.

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  Z502.
      02 Z502-EVENT-TIME      PICTURE X(15).
      02 Z502-EVENT-LIBRARY   PICTURE X(5).
      02 Z502-EVENT-TYPE      PICTURE X(2).
      02 Z502-USER-ID         PICTURE X(12).
      02 Z502-EVENT-ID        PICTURE X(50).
      02 Z502-EVENT-FIELD-1   PICTURE X(100).
      02 Z502-EVENT-FIELD-2   PICTURE X(100).
      02 Z502-EVENT-FIELD-3   PICTURE X(100).
      02 Z502-EVENT-FIELD-4   PICTURE X(100).
      02 Z502-EVENT-FIELD-5   PICTURE X(100).
      02 Z502-EVENT-FIELD-6   PICTURE X(100).
      02 Z502-EVENT-FIELD-7   PICTURE X(100).
      02 Z502-EVENT-FIELD-8   PICTURE X(100).
      02 Z502-EVENT-FIELD-9   PICTURE X(100).
      02 Z502-EVENT-FIELD-10  PICTURE X(100).
```

Z502-EVENT-TIME	M	X(15)	**DESC:** Time stamp, when the transaction took place. YYYYMMDDHHMMSSS
Z502-EVENT-LIBRARY	M	X(5)	**DESC:** The library where the event occurred
Z502-EVENT-TYPE	M	X(2)	**DESC:** the type of the event: PC – photocopy created PS – photocopy supplied PR – photocopy refused PD – photocopy deleted LC – loan created LD – loan deleted LR – loan returned

			UC – user ID created UD – user ID deleted UB – user barcode updated MC – local patron record created ED – expiry date changed SC – patron status changed BC – block created BU – block updated BD – block deleted
Z502-USER-ID	M	X(12)	**DESC:** Patron's internal ID.
Z502-EVENT-ID	M	X(50)	**DESC:** relevant ID according to event type: photocopy related events: Z38-NUMBER Loan related events: Z30-BARCODE User id related events: Z308-KEY-DATA Local patron record related events: Z305-SUB-LIBRARY Block related events: Z303-DELINQ-N
Z502-EVENT-FIELD-1 thru EVENT-FIELD-10	O	X(100)	**DESC:** additional information of the event. The data of this field depends on the event type.