
Recovering lost UTIL G 2 counters using SQL flashback query

- **Product:** Aleph
 - **Product Version:** 20, 21, 22, 23
 - **Relevant for Installation Type:** Dedicated-Direct, Direct, Local, Total Care
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Description:

This morning at around 10:50 we accidentally called up UTIL G 3, causing all UTIL G 2 counters to be reset to 0. How can we get a list of previous counter values?

Resolution:

A SQL flashback query can be used to retrieve the Z52 settings per 10:50 this morning:

```
abc50@ALEPH1> select * from z52
2 as of timestamp
3 to_timestamp ('11-06-2012 10:50:00', 'dd-mm-yyyy hh24:mi:ss');
**** Hit return to continue ****
```

```
Z52_REC_KEY Z52_PREFIX Z52_SEQUENCE Z Z52_FORMAT Z
-----
```

```
-----
call-number CN- 0 n S
change-file-name 0 y S
last-acc-number 0 Y S
last-barcode-number 221294 Y S
last-bor-id ID 159010 y S
last-bor-id-1 B 0 y S
last-bor-verify-1 P 1 y S
last-bor-verify-2 P1 0 y S
last-bor-verify-3 P2 0 y S
last-cash-receipt-no No. 286233 y S
last-doc-number 10351526 S
**** Hit return to continue ****
```

```
Z52_REC_KEY Z52_PREFIX Z52_SEQUENCE Z Z52_FORMAT Z
-----
```

```
-----
last-edi-log-no 1831 Y S
```

```

last-edi-message 2409 y S
last-edi-order 2588 y S
last-file-number usm50 2674650 y S
last-hold-group 35780 y S
last-loan-number 3559920 y S
last-order-no-ser SER- 1114 y U
last-order-number 113173 y S
last-photo-number 0 y S
last-req-no DS 43650 y S
last-slip-number usm50 141636 y S
**** Hit return to continue ****

```

```

Z52_REC_KEY Z52_PREFIX Z52_SEQUENCE Z Z52_FORMAT Z
-----
-----

```

```

last-z34-sequence 0 y S
library-lock-status 0 n S
test-shelf 0 Y S
last-request-number 153606 Y S
last-order-number-no no. 0 Y S
location-usig USIG 0 Y S
last-title-req-num 2 Y S
last-order-number-tx TXT- 120000 Y U
last-frs-batch-id 0 n S
last-shelf-rpt-num no. 3 Y S

```

32 rows selected.

abc50@ALEPH1>

You can also use another timestamps for your retrieval.

For example to retrieve values per 10:52 use:

```

select * from z52
2 as of timestamp
3 to_timestamp ('11-06-2012 10:52:00','dd-mm-yyyy hh24:mi:ss');

```

You may also use a where-statement to restrict the query to a specific line in z52:

```

select * from z52
2 as of timestamp
3 to_timestamp ('11-06-2012 10:52:00','dd-mm-yyyy hh24:mi:ss')
4 where Z52_REC_KEY = 'last-bor-id-1';

```

Then UTIL G 2 can be used to manually set the counters to the correct value.

Please note that flashback query is only possible for a restricted period of time depending on the setup of the rollback segment and the number of transactions that has happened in your database.

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- **Article last edited:** 26-Jun-2016