



Automatic Resetting of Business Objects User Ids

This document describes a procedure for resetting BusinessObjects User Ids by doing a direct update to the Repository Tables.

CAUTION: BusinessObjects does not support either data or structure changes to the Repository Tables. Lyon Technologies, Inc., is not responsible for any impact to your database resulting from the use of information in this document. Information in this document is used at your own risk.

The Repository table containing the User information is OBJ_M_ACTOR. For a complete description of the Repository tables, their structure, and the data within them, see the file named REPOSTRY.HTM located in the \FREEWARE directory on the BusinessObjects CD. (CD #1) (Note: These files are also available within the Technical Support area @ www.LyonTechnologies.com)

OBJ_M_ACTOR

Column Name	Null ?	Type	Values
M_ACTOR_N_ID	NOT NULL	int10	Primary Key, see OBJ_M_MAGICID in 'ACTORDEF'.
M_ACTOR_N_TYPE	NOT NULL	int10	BOAT_GROUP = 1, BOAT_USER = 16
M_ACTOR_N_LEVEL	NOT NULL	int10	0=Public, 1=Controlled, 2=Restricted, 3=Confidential, 4=Private
M_ACTOR_C_NAME	NOT NULL	char(70)	User Id as seen within Supervisor
M_ACTOR_C_PASSWORD		char(70)	Encrypted password
M_ACTOR_N_AUTID	NOT NULL	int10	Authentication strategy: Full Checking = 1 No Password Checking = 2
M_ACTOR_N_LAD	NOT NULL	int10	Last Action Date Date of the last modification (see Last Action Type). The unit is elapsed seconds since the 15th of December 1970 at midnight.
M_ACTOR_N_LAT	NOT NULL	int10	Last Action Type BOSLAT_UNCHANGED=0, BOSLAT_DELETED=1, BOSLAT_INSERTED=2, BOSLAT_UPDATED=4, BOSLAT_INSERTEDUPONDELETED=8, BOSLAT_MOVED=16
M_ACTOR_N_STATUS	NOT NULL	int10	BOSAS_ENABLED=1, BOSAS_LOCKED=2, BOSAS_OFFLINEPREVENT=4, BOSAS_CANNOTCHANGEPWD=8, BOSAS_REALTIMESECU=32, BOSAS_CANNOTDELETEDOC=64

Note: The values in the M_ACTOR_N_LAT and M_ACTOR_N_STATUS tables are additive. For example, a user who is Enabled and also has Real Time security checking would have a value of 33 in the M_ACTOR_N_STATUS field.

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The `M_ACTOR_C_NAME` column contains the actual user id as seen within the Supervisor module. The primary key for the table is `M_ACTOR_N_ID`. To completely reset a User Id, simply set the `M_ACTOR_C_PASSWORD` column to **NULL** and the `M_ACTOR_N_STATUS` column to **1**.

Sample SQL:

```
UPDATE
  OBJ_M_ACTOR
SET
  M_ACTOR_C_PASSWORD = NULL,
  M_ACTOR_N_STATUS = 1
WHERE
  M_ACTOR_N_ID = 2; ← ID for the User ID you want to reset (contents of M_ACTOR_N_ID)
```

Of course, this could be expanded to reset all BusinessObjects Users which are currently locked out:

Sample SQL:

```
UPDATE
  OBJ_M_ACTOR
SET
  M_ACTOR_C_PASSWORD = NULL,
  M_ACTOR_N_STATUS = 1
WHERE
  M_ACTOR_N_STATUS = 2; ← See note on previous page regarding the data values in this column
```