Subject: Out of Sync Data in DICT
Posted by kong on Thu, 29 Sep 2016 16:54:47 GMT
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Notice that in dict/sql/mysql/dict_data.sql there are references to a column_id 'language_code' related to the mnu_user table. However, in the mnu_user schema there is no such a column. I suspect that some time in history 'language_code' was renamed to 'language_id' and remnants of this evolution still hiding in the DICT module. In v1.97 for example, the file dict-data.sql dates back to 2014.

When you try to re-import the columns in mnu_user via the DICT module (for example to solve http:// radicore.org/fud/index.php?t=msg&th=2293&start=0&amp ;amp ;amp ;amp ;amp ;), you will detect a hidden error with a debugger during the process: [language_code] 0: Cannot delete - record still linked to DICT_RELATED_COLUMN tableThis is a hidden error because it does not show up on the screen. If you then unsuspectingly click 'Export to PHP' you will have overwritten the good references to 'language_id' with bad references to 'language_code' in mnu_user_dict.inc.

Now, when you try to create a new user: Fatal Error: MySQL: Unknown column 'language_code' in 'field list' (# 1054)
Interestingly, when you try to log out, you will have found an unrelated bug (http:// radicore.org/fud/index.php?t=msg&th=2294&start=0&amp ;amp ;amp ;amp ;amp ;) : Fatal Error: MySQL: You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near '), (SELECT role_desc FROM mnu_user_role LEFT JOIN mnu_role ON (mnu_role.role_id=' at line 1 (# 1064)

SQL query: SELECT SQL_CALC_FOUND_ROWS mnu_user.*, mnu_account.account_name, (SELECT GROUP_CONCAT(role_desc ORDER BY is_primary DESC, mnu_user_role.role_id ASC SEPARATOR ', ') FROM mnu_user_role LEFT JOIN mnu_role ON (mnu_role.role_id=mnu_user_role.role_id) WHERE user_id=mnu_user.user_id) AS role_list), (SELECT role_desc FROM mnu_user_role LEFT JOIN mnu_role ON (mnu_role.role_id=mnu_user_role.role_id) WHERE user_id=mnu_user.user_id AND is_primary='Y' LIMIT 1) AS role_id FROM mnu_user LEFT JOIN mnu_account ON (mnu_account.rdcaccount_id=mnu_user.rdcaccount_id) WHERE mnu_user.user_id='EKL' ORDER BY mnu_user.user_name asc
So, what I did to re-import the columns of mnu_user:
(1) Make sure you first delete the parent relationship with mnu_language.
(2) Re-import the columns of mnu_user.
(3) Re-create the parent relationship with the mnu_language table.
(4) Export to PHP

For future releases, might want to think about:
(1) Fix code to show above mentioned hidden error on the screen.
(2) Update dict_data.sql file for new installs.
(3) Migration file to update data in DICT database to reflect schema changes in AUDIT, MENU and WORKFLOW.

Subject: Re: Out of Sync Data in DICT
Posted by AJM on Fri, 30 Sep 2016 09:01:56 GMT
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I normally update the ???.dict_export.sql file after every database update, but I must have missed it on this occasion. Please see the attached file which should be up-to-date.

File Attachments
1) menu.dict_export.zip, downloaded 1455 times

Subject: Re: Out of Sync Data in DICT
Posted by kong on Fri, 30 Sep 2016 15:47:32 GMT
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Thank you.