TYPO3 Core - Bug #50378

sql_free_result does not work with all parameters as specified

2013-07-24 14:19 - Robert Vock

Status:	Closed		**Start date:**	2013-07-24
Priority:	Should have		**Due date:**	
Assignee:			**% Done:**	100%
Category:	Database API (Doctrine DBAL)		**Estimated time:**	0.00 hour
Target version:				
TYPO3 Version:	6.1		**Complexity:**	
PHP Version:			**Is Regression:**	No
Tags:			**Sprint Focus:**	

Description

The method "sql_free_result" of the DatabaseConnection class throws a fatal error when called with the (boolean) result of exec_INSERTquery.

The direct mail extension uses the following code:

```
$res = $GLOBALS['TYPO3_DB']->exec_INSERTquery('sys_dmail_maillog', $insertFields);
$GLOBALS['TYPO3_DB']->sql_free_result($res);
```

This results in a fatal error because $res is boolean true and sql_free_result asumes it is an object.

The method description of sql_free_result says that it is ok, to call the method with a boolean:

```
 * @param boolean|\mysqli_result|object $res MySQLi result object / DBAL object
```

The fix would be to check if the parameter is an object before calling the free-method.
Another "fix" would be to change the method description, but that would leave bugs in extensions which relied on the ability to call sql_free_result with boolean results.

Note: In TYPO3 4.7 sql_free_result would just call mysql_free_result, which would not throw a fatal error, when called with a boolean parameter, but just return false.

Associated revisions

Revision 367a65f3 - 2014-04-12 01:22 - Wouter Wolters

[BUGFIX] sql_free_result does not work with all allowed types

sql_free_result throws a fatal error when called with a
boolean. According to the method description boolean is an
allowed type. Check if $res is an object.

Change-Id: I6f7cdbb42c07869a320510e9b0b779f2b7cf6b70
Resolves: #50378
Releases: 6.2, 6.1
Reviewed-on: https://review.typo3.org/22594
Reviewed-by: Dan Untenzu
Tested-by: Dan Untenzu
Reviewed-by: Christian Kuhn
Reviewed-by: Stefan Neufeind
Reviewed-by: Markus Klein
Tested-by: Markus Klein

Revision b93d9b45 - 2014-04-12 01:29 - Wouter Wolters

[BUGFIX] sql_free_result does not work with all allowed types

sql_free_result throws a fatal error when called with a
boolean. According to the method description boolean is an
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Resolves: #50378
Releases: 6.2, 6.1
Reviewed-on: https://review.typo3.org/29413
Reviewed-by: Markus Klein
Tested-by: Markus Klein

History

#1 - 2013-07-25 15:36 - Ernesto Baschny

- Project changed from 329 to TYPO3 Core

#2 - 2013-07-25 15:43 - Ernesto Baschny

- Category set to Database API (Doctrine DBAL)

- Status changed from New to Needs Feedback

This is not a DBAL issue but a general Core issue. So I moved it to the right tracker.

I wonder how this works in 4.7, because first thing sql_free_result does is a:

```
if ($this->debug_check_recordset($res) {
```

and this should then choke (logging errors to sys_log etc) when called without a resource.

What Fatal error do you get?

#3 - 2013-07-25 15:48 - Robert Vock

debug_check_recordset returns true, if $res is !== FALSE and does not log anything to sys_log

So if $res is true, debug_check_recordset also returns true. (exec_INSERTquery returns true, if the insert succeeded)

The fatal error is:
Fatal error: Call to a member function free() on a non-object in .../typo3/sysext/core/Classes/Database/DatabaseConnection.php on line 1070

#4 - 2013-07-26 16:51 - Gerrit Code Review

- Status changed from Needs Feedback to Under Review

Patch set 1 for branch **master** has been pushed to the review server.
It is available at https://review.typo3.org/22594

#5 - 2014-04-09 18:25 - Markus Klein

- Is Regression set to No

I'd say that is actually NOT a core bug at all.
Why calling free() at all after an insert??
No resources are allocated for an insert statement.

It is ok to add a check in Core to assure that we ignore boolean values.

#6 - 2014-04-09 23:12 - Gerrit Code Review

Patch set 2 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at https://review.typo3.org/22594

#7 - 2014-04-12 01:28 - Gerrit Code Review

Patch set 1 for branch **TYPO3_6-1** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at https://review.typo3.org/29413

#8 - 2014-04-12 01:30 - Wouter Wolters

- Status changed from Under Review to Resolved

- % Done changed from 0 to 100

Applied in changeset b93d9b456eea5e48ec9426931e0f9e0d3acc8211.

#9 - 2018-10-02 12:12 - Benni Mack

- Status changed from Resolved to Closed