Core - Bug # 31460

Status:	Resolved	**Priority:**	Should have
Author:	Timm	**Category:**	
Created:	2011-10-31	**Assigned To:**	Dmitry Dulepov
Updated:	2012-03-08	**Due date:**	

TYPO3 Version:	4.6
PHP Version:	5.3
Complexity:	
Is Regression:	
Sprint Focus:	
Subject:	flock() in class.t3lib_div.php

Description

Hi,

we're serving T3 v4.6.0 from NFS. First thanks for the last release with some alternative locking methods.

At line 5499 and 5584 in file ./typo3_src-4.6.0/t3lib/class.t3lib_div.php we found some flock()-calls wich breaks down php.

Our workaround is to comment out the flock()s.

Support for new locking methods in class.t3lib_div.php would be great.

There are also some other files with flock():

./typo3_src-4.6.0/typo3/sysext/adodb/adodb/adodb-active-record.inc.php:361:   @flock($fp, LOCK_SH);
./typo3_src-4.6.0/typo3/sysext/adodb/adodb/adodb-active-recordx.inc.php:420:   @flock($fp, LOCK_SH);
./typo3_src-4.6.0/typo3/sysext/adodb/adodb/adodb-csvlib.inc.php:103:   @flock($fp, LOCK_SH);
./typo3_src-4.6.0/typo3/sysext/adodb/adodb/adodb-csvlib.inc.php:305:   if (flock($fd, LOCK_EX) && ftruncate($fd, 0)) {
./typo3_src-4.6.0/t3lib/mail/class.t3lib_mail_mboxtransport.php:101:   flock($file, LOCK_EX);
./typo3_src-4.6.0/t3lib/mail/class.t3lib_mail_mboxtransport.php:103:   flock($file, LOCK_UN);

Regards,

timm

Related issues:

related to Core - Bug # 34662: Fatal error 't3lib_lock' does not exist if dep...	**Resolved**	**2012-03-08**
related to Core - Bug # 18716: Acquired lock/Released lock entries in system log	**Resolved**	**2008-04-28**

Associated revisions

Revision 075e1a12 - 2011-12-24 13:15 - Dmitry Dulepov

[BUGFIX] flock() calls in TYPO3 prevent NFS hosting

flock() happens in several places in TYPO3. This function does
not work properly on NFS shares. t3lib_lock should be used
instead.

Change-Id: I30392bf06c5e20e27e929fb06d77ee9f96978902
Resolves: #31460

Releases: 4.7, 4.6, 4.5

Reviewed-on: http://review.typo3.org/6778

Reviewed-by: Stefan Neufeind

Tested-by: Stefan Neufeind

Reviewed-by: Tolleiv Nietsch

Tested-by: Tolleiv Nietsch

Reviewed-by: Xavier Perseguers

Reviewed-by: Steffen Gebert

Tested-by: Steffen Gebert

Revision d083f5af - 2012-02-27 22:23 - Dmitry Dulepov

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not work properly on NFS shares. t3lib_lock should be used
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Change-Id: I30392bf06c5e20e27e929fb06d77ee9f96978902

Resolves: #31460

Releases: 4.7, 4.6, 4.5

Reviewed-on: http://review.typo3.org/7504

Reviewed-by: Stefan Neufeind

Reviewed-by: Oliver Klee

Reviewed-by: Steffen Ritter

Reviewed-by: Xavier Perseguers

Tested-by: Xavier Perseguers

Revision f1fd1b69 - 2012-03-07 19:42 - Dmitry Dulepov

[BUGFIX] flock() calls in TYPO3 prevent NFS hosting

flock() happens in several places in TYPO3. This function does
not work properly on NFS shares. t3lib_lock should be used
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Resolves: #31460

Releases: 4.7, 4.6, 4.5

Reviewed-on: http://review.typo3.org/7506

Reviewed-by: Stefan Neufeind

Reviewed-by: Oliver Klee

Reviewed-by: Ivan Dharma Kartolo

Tested-by: Ivan Dharma Kartolo

Reviewed-by: Steffen Ritter

Tested-by: Steffen Ritter

History

#1 - 2011-10-31 15:09 - Francois Suter

Hi Timm, thanks for reporting. I must admit that I'm not at all into the locking mechanism, I hope someone else can help you.

Would you be able to provide a patch yourself? It would greatly enhance the chances of seeing those changes made to the TYPO3 Core.

BTW I don't think the flock's inside adodb will be changed, as this is just included as a contribution.

#2 - 2011-11-21 15:45 - Dmitry Dulepov

- Status changed from New to Under Review

- Assigned To set to Dmitry Dulepov

https://review.typo3.org/6778

#3 - 2011-12-07 01:34 - Gerrit Code Review

Patch set 2 for branch **master** has been pushed to the review server.

It is available at http://review.typo3.org/6778

#4 - 2011-12-24 13:17 - Gerrit Code Review

Patch set 1 for branch **TYPO3_4-6** has been pushed to the review server.

It is available at http://review.typo3.org/7504

#5 - 2011-12-24 13:20 - Gerrit Code Review

Patch set 1 for branch **TYPO3_4-5** has been pushed to the review server.

It is available at http://review.typo3.org/7506

#6 - 2011-12-24 13:30 - Dmitry Dulepov

- Status changed from Under Review to Resolved

- % Done changed from 0 to 100

Applied in changeset commit:075e1a12f25ff18807d6401df0b4649f975e2171.

#7 - 2012-03-04 20:23 - Gerrit Code Review

- Status changed from Resolved to Under Review

Patch set 1 for branch **TYPO3_4-6** has been pushed to the review server.

It is available at http://review.typo3.org/9360

#8 - 2012-03-08 02:30 - Dmitry Dulepov

- Status changed from Under Review to Resolved

Applied in changeset commit:f1fd1b69e8934055dc3e7e4408aa4fe771f2aff1.