Core - Bug # 66411

Status:	Resolved	**Priority:**	Must have
Author:	Mathias Brodala	**Category:**	Default
Created:	2015-04-14	**Assigned To:**	Mathias Brodala
Updated:	2015-04-20	**Due date:**	

TYPO3 Version:	7
PHP Version:	
Complexity:	
Is Regression:	No
Sprint Focus:	Stabilization Sprint
Subject:	New locking API exceptions too generic

Description

The new locking API currently only uses RuntimeException to hint at errors during lock acquisition.

While this already has the disadvantage of catching other @RuntimeException@s the issue becomes rather clear with the non-blocking example:

```
try {
  $result = $locker->acquire(LockingStrategyInterface::LOCK_CAPABILITY_SHARED |
LockingStrategyInterface::LOCK_CAPABILITY_NOBLOCK);
catch (\RuntimeException $e) {
  if ($e->getCode() === 1428700748) {
    // some process owns the lock, let's do something else meanwhile
  }
}
```

This requires knowing about this special case and knowing the magic number here. A dedicated exception would make this clearer.

Related issues:

follows Core - Feature # 47712: Refactor Locking	**Resolved**	**2013-02-08**

Associated revisions

Revision f51c1996 - 2015-04-20 23:17 - Mathias Brodala

[FOLLOWUP][TASK] Add meaningful exceptions to new locking API

This adds dedicated exceptions to the new locking API which
vastly simplifies usage workflows.

Since the new API was not yet released, this is a non-breaking
change.

Resolves: #66411
Related: #47712
Releases: master
Change-Id: Iae44eaa121562469b64222f5837f7a48e6d9fc14
Reviewed-on: http://review.typo3.org/38683
Reviewed-by: Markus Klein <klein.t3@reelworx.at>
Tested-by: Markus Klein <klein.t3@reelworx.at>

Reviewed-by: Jigal van Hemert <jigal.van.hemert@typo3.org>

Tested-by: Jigal van Hemert <jigal.van.hemert@typo3.org>

History

#1 - 2015-04-14 09:59 - Gerrit Code Review

- Status changed from New to Under Review

Patch set 1 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at http://review.typo3.org/38683

#2 - 2015-04-14 10:00 - 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 http://review.typo3.org/38683

#3 - 2015-04-14 10:01 - Gerrit Code Review

Patch set 3 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at http://review.typo3.org/38683

#4 - 2015-04-14 10:04 - Gerrit Code Review

Patch set 4 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at http://review.typo3.org/38683

#5 - 2015-04-14 11:09 - Gerrit Code Review

Patch set 5 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at http://review.typo3.org/38683

#6 - 2015-04-15 08:43 - Gerrit Code Review

Patch set 6 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at http://review.typo3.org/38683

#7 - 2015-04-15 12:50 - Gerrit Code Review

Patch set 7 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at http://review.typo3.org/38683

#8 - 2015-04-15 14:04 - Gerrit Code Review

Patch set 8 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at http://review.typo3.org/38683

#9 - 2015-04-17 08:31 - Anja Leichsenring

- Sprint Focus set to Stabilization Sprint

#10 - 2015-04-20 23:30 - Mathias Brodala

- Status changed from Under Review to Resolved

- % Done changed from 50 to 100

Applied in changeset commit:f51c1996679752b1b7fd3c7d54aa99f76405031f.