

TYPO3.Flow - Bug #44202

\$session->start() initializes a new session and does not resume a current one

2012-12-22 20:50 - Helmut Hummel

Status:	Resolved	Start date:	2012-12-22
Priority:	Must have	Due date:	
Assignee:	Robert Lemke	% Done:	100%
Category:	Session	Estimated time:	0.00 hour
Target version:	2.0	Complexity:	
PHP Version:			
Has patch:	No		

Description

Disclaimer: I did not test anything, but only making assumptions by reading the code. Just close this ticket if I'm mistaken.

When introducing the new session handling in [#43376](#) the "start" method of the session object changed it's notion.

Before "start" initialized a new session or resumed an existing one

```
public function start() {
    if ($this->started === FALSE) {
        $this->startOrResume();
    }
}
```

Now the start method clearly initializes a completely new session:

```
public function start() {
    if ($this->request === NULL) {
        $this->initializeHttpAndCookie();
    }
    if ($this->started === FALSE) {
        $this->sessionIdentifier = Algorithms::generateRandomString(32);
        $this->storageIdentifier = Algorithms::generateUUID();
    }
    ...
}
```

This is a severe change in behaviour, which at least breaks the `@Flow\Session(autoStart=true)` annotation, because the `LazyLoadingAspect` explicitly calls `$this->session->start()`;

```
public function initializeSession(\TYPO3\Flow\Aop\JoinPointInterface $joinPoint) {
    if ($this->session->isStarted() === TRUE) {
        return;
    }

    $objectName = $this->objectManager->getObjectByNameByClassName(get_class($joinPoint->getProxy()));
    $methodName = $joinPoint->getMethodName();

    $this->systemLogger->log(sprintf('Session initialization triggered by %s->%s.', $objectName, $methodName), LOG_DEBUG);
    $this->session->start();
}
```

These methods will never get a resumed session, but always a fresh one.

P.S.: I cannot select the "Session" category, but only Documentation, Testing and Build Process. Maybe you should check the project permissions.

Related issues:

Related to TYPO3.Flow - Feature #43376: Remote session management	Resolved	2012-12-01
Related to TYPO3.Flow - Bug #46428: Session is started on every request	Resolved	2013-03-19

Associated revisions

Revision 2fdafb69 - 2013-04-05 17:05 - Robert Lemke

[BUGFIX] Reduce side effects of sessions used in functional tests

This patch makes sure that once a session has been closed or destroyed, it will rebuild information determined from the request / response in case it is started again.

While this scenario (a session is closed and started again during the same PHP request) is uncommon in real world projects, it may happen during functional tests. Therefore this is mainly a fix to reduce side effects in functional tests.

A concrete side effect Flow has without this patch is that session cookies are set to the HTTP response only when a session was started the first time.

This patch also adds an explanation about starting / resuming sessions to the class doc comment.

Change-Id: Ia78851bd3167733114b94255e5ee201ca3197564
Resolves: #46703
Resolves: #44202
Releases: master, 2.0

Revision 8f6917b6 - 2013-04-05 20:03 - Robert Lemke

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Resolves: #44202
Releases: master, 2.0

History

#1 - 2013-01-15 10:12 - Karsten Dambekalns

- *Project changed from TYPO3 Flow Base Distribution to TYPO3.Flow*

#2 - 2013-01-15 10:13 - Karsten Dambekalns

- *Category set to Session*
- *Status changed from New to Needs Feedback*
- *Assignee set to Robert Lemke*
- *Has patch set to No*

Helmut, the categories you were looking for are in the Flow project, not the base distribution... :)

#3 - 2013-03-27 07:45 - Robert Lemke

The session is automatically resumed by the Bootstrap (calling resume()) and if that was successful, calling start() at a later stage will be a noop. I'll add a description of that mechanism to the Script doc comment.

#4 - 2013-03-27 08:53 - 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/19338>

#5 - 2013-04-05 17:10 - Gerrit Code Review

Patch set 2 for branch **master** has been pushed to the review server.
It is available at <https://review.typo3.org/19338>

#6 - 2013-04-05 17:36 - Anonymous

- Status changed from *Under Review* to *Resolved*

- % Done changed from 0 to 100

Applied in changeset [2fdafb69fa403e2bc55c10f9f1d28808dcd0fc6f](#).

#7 - 2013-04-05 17:37 - Gerrit Code Review

- Status changed from *Resolved* to *Under Review*

Patch set 1 for branch **2.0** has been pushed to the review server.
It is available at <https://review.typo3.org/19594>

#8 - 2013-04-05 20:14 - Gerrit Code Review

Patch set 2 for branch **2.0** has been pushed to the review server.
It is available at <https://review.typo3.org/19594>

#9 - 2013-04-05 20:37 - Anonymous

- Status changed from *Under Review* to *Resolved*

Applied in changeset [8f6917b64af670e3b0bd4d288b94fde74971ae6c](#).