

TYPO3 Core - Bug #93593

ImageResourceContentObject unusable in CLI mode because FormProtection using session data

2021-02-26 10:25 - Lukas Speck

Status:	New	Start date:	2021-02-26
Priority:	Should have	Due date:	
Assignee:		% Done:	0%
Category:	CLI	Estimated time:	0.00 hour
Target version:		Complexity:	
TYPO3 Version:	10	Is Regression:	
PHP Version:	7.3	Sprint Focus:	
Tags:	cli, session,		

Description

Using the ImageResourceContentObject (via Typoscript "renderObj = IMG_RESOURCE") in CLI does not reliably work because it generates processed images with FormProtection and FormProtection want to retrieve a token with help of the session ID. The CLI has no session.

I found a workaround for the solr indexer by setting the context aspect "fileProcessing" with "deferProcessing" to false.

Discovered in v10.

The exception then thrown is this:

Uncaught TYPO3 Exception Argument 1 passed to TYPO3\CMS\Core\Session\Backend\DatabaseSessionBackend::update() must be of the type string, null given, called in /public/typo3/sysex/core/Classes/Authentication/AbstractUserAuthentication.php on line 1260

thrown in file /public/typo3/sysex/core/Classes/Session/Backend/DatabaseSessionBackend.php in line 185

With this trace:

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#0 /public/typo3/sysex/core/Classes/Authentication/AbstractUserAuthentication.php(1260):
TYPO3\CMS\Core\Session\Backend\DatabaseSessionBackend->update(NULL, Array)
#1 /public/typo3/sysex/core/Classes/FormProtection/BackendFormProtection.php(133):
TYPO3\CMS\Core\Authentication\AbstractUserAuthentication->setAndSaveSessionData('formProtectionS...', 'a1f7bdd1a9c2f8b...')
#2 /public/typo3/sysex/core/Classes/FormProtection/BackendFormProtection.php(120):
TYPO3\CMS\Core\FormProtection\BackendFormProtection->persistSessionToken()
#3 /public/typo3/sysex/core/Classes/FormProtection/AbstractFormProtection.php(50):
TYPO3\CMS\Core\FormProtection\BackendFormProtection->retrieveSessionToken()
#4 /public/typo3/sysex/core/Classes/FormProtection/AbstractFormProtection.php(91):
TYPO3\CMS\Core\FormProtection\AbstractFormProtection->getSessionToken()
#5 /public/typo3/sysex/backend/Classes/Routing/UriBuilder.php(118):
TYPO3\CMS\Core\FormProtection\AbstractFormProtection->generateToken('route', 'image_processin...')
#6 /public/typo3/sysex/backend/Classes/Resource/Processing/DeferredBackendImageProcessor.php(61):
TYPO3\CMS\Backend\Routing\UriBuilder->buildUriFromRoute('image_processin...', Array)
#7 /public/typo3/sysex/core/Classes/Resource/Service/FileProcessingService.php(149):
TYPO3\CMS\Backend\Resource\Processing\DeferredBackendImageProcessor->processTask(Object(TYPO3\CMS\Core\Resource\
Processing\ImageCropScaleMaskTask))
#8 /public/typo3/sysex/core/Classes/Resource/Service/FileProcessingService.php(122):
TYPO3\CMS\Core\Resource\Service\FileProcessingService->process(Object(TYPO3\CMS\Core\Resource\ProcessedFile),
Object(TYPO3\CMS\Core\Resource\ResourceStorage))
#9 /public/typo3/sysex/core/Classes/Resource/ResourceStorage.php(1448):
TYPO3\CMS\Core\Resource\Service\FileProcessingService->processFile(Object(TYPO3\CMS\Core\Resource\File),
Object(TYPO3\CMS\Core\Resource\ResourceStorage), 'Image.CropScale...', Array)
#10 /public/typo3/sysex/core/Classes/Resource/File.php(270):
TYPO3\CMS\Core\Resource\ResourceStorage->processFile(Object(TYPO3\CMS\Core\Resource\File), 'Image.CropScale...', Array)
#11 /public/typo3/sysex/frontend/Classes/ContentObject/ContentObjectRenderer.php(4432):
TYPO3\CMS\Core\Resource\File->process('Image.CropScale...', Array)
#12 /public/typo3/sysex/frontend/Classes/ContentObject/ImageResourceContentObject.php(32):
TYPO3\CMS\Frontend\ContentObject\ContentObjectRenderer->getImgResource('1:/Bilder_und_D...', Array)
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#13 /public/typo3/sysex/frontend/Classes/ContentObject/ContentObjectRenderer.php(822): TYPO3\CMS\Frontend\ContentObject\ImageResourceContentObject->render(Array)

#14 /public/typo3/sysex/frontend/Classes/ContentObject/ContentObjectRenderer.php(736): TYPO3\CMS\Frontend\ContentObject\ContentObjectRenderer->render(Object(TYPO3\CMS\Frontend\ContentObject\ImageResourceContentObject), Array)

#15 /public/typo3/sysex/frontend/Classes/ContentObject/FilesContentObject.php(84): TYPO3\CMS\Frontend\ContentObject\ContentObjectRenderer->cObjGetSingle('IMG_RESOURCE', Array, 'renderObj')

#16 /public/typo3/sysex/frontend/Classes/ContentObject/ContentObjectRenderer.php(822): TYPO3\CMS\Frontend\ContentObject\FilesContentObject->render(Array)

#17 /public/typo3/sysex/frontend/Classes/ContentObject/ContentObjectRenderer.php(736): TYPO3\CMS\Frontend\ContentObject\ContentObjectRenderer->render(Object(TYPO3\CMS\Frontend\ContentObject\FilesContentObject), Array)

#18 /public/typo3/sysex/frontend/Classes/ContentObject/ContentObjectRenderer.php(1874): TYPO3\CMS\Frontend\ContentObject\ContentObjectRenderer->cObjGetSingle('FILES', Array, 'stdWrap/.cObj...')

#19 /public/typo3/sysex/frontend/Classes/ContentObject/ContentObjectRenderer.php(1687): TYPO3\CMS\Frontend\ContentObject\ContentObjectRenderer->stdWrap_cObj("", Array)

#20 /public/typo3/sysex/frontend/Classes/ContentObject/ContentObjectRenderer.php(1666): TYPO3\CMS\Frontend\ContentObject\ContentObjectRenderer->stdWrap("", Array)

#21 /public/typo3/sysex/frontend/Classes/ContentObject/TextContentObject.php(44): TYPO3\CMS\Frontend\ContentObject\ContentObjectRenderer->stdWrap("", Array)

#22 /public/typo3/sysex/frontend/Classes/ContentObject/ContentObjectRenderer.php(822): TYPO3\CMS\Frontend\ContentObject\TextContentObject->render(Array)

#23 /public/typo3/sysex/frontend/Classes/ContentObject/ContentObjectRenderer.php(736): TYPO3\CMS\Frontend\ContentObject\ContentObjectRenderer->render(Object(TYPO3\CMS\Frontend\ContentObject\TextContentObject), Array)

#24 /public/typo3conf/ext/solr/Classes/IndexQueue/AbstractIndexer.php(156): TYPO3\CMS\Frontend\ContentObject\ContentObjectRenderer->cObjGetSingle('TEXT', Array)

#25 /public/typo3conf/ext/solr/Classes/IndexQueue/AbstractIndexer.php(93): ApacheSolrForTypo3\Solr/IndexQueue\AbstractIndexer->resolveFieldValue(Array, 'image_stringS', Array)

#26 /public/typo3conf/ext/solr/Classes/IndexQueue/Indexer.php(361): ApacheSolrForTypo3\Solr/IndexQueue\AbstractIndexer->addDocumentFieldsFromTypoScript(Object(ApacheSolrForTypo3\Solr\System\Document\Document), Array, Array)

#27 /public/typo3conf/ext/solr/Classes/IndexQueue/Indexer.php(177): ApacheSolrForTypo3\Solr/IndexQueue/Indexer->itemToDocument(Object(ApacheSolrForTypo3\Solr/IndexQueue\Item), 0)

#28 /public/typo3conf/ext/solr/Classes/IndexQueue/Indexer.php(149): ApacheSolrForTypo3\Solr/IndexQueue/Indexer->indexItem(Object(ApacheSolrForTypo3\Solr/IndexQueue\Item), 0)

#29 /public/typo3conf/ext/solr/Classes/Domain/Index/IndexService.php(205): ApacheSolrForTypo3\Solr/IndexQueue/Indexer->index(Object(ApacheSolrForTypo3\Solr/IndexQueue\Item))

#30 /public/typo3conf/ext/solr/Classes/Domain/Index/IndexService.php(131): ApacheSolrForTypo3\Solr\Domain/Index/IndexService->indexItem(Object(ApacheSolrForTypo3\Solr/IndexQueue\Item), Object(ApacheSolrForTypo3\Solr\System\Configuration\TypoScriptConfiguration))

#31 /public/typo3conf/ext/solr/Classes/Task/IndexQueueWorkerTask.php(72): ApacheSolrForTypo3\Solr\Domain/Index/IndexService->indexItems(2000)

#32 /public/typo3/sysex/scheduler/Classes/Scheduler.php(182): ApacheSolrForTypo3\Solr\Task/IndexQueueWorkerTask->execute()

#33 /public/typo3/sysex/scheduler/Classes/Command/SchedulerCommand.php(259): TYPO3\CMS\Scheduler\Scheduler->executeTask(Object(ApacheSolrForTypo3\Solr\Task/IndexQueueWorkerTask))

#34 /public/typo3/sysex/scheduler/Classes/Command/SchedulerCommand.php(190): TYPO3\CMS\Scheduler\Command\SchedulerCommand->executeOrStopTask(Object(ApacheSolrForTypo3\Solr\Task/IndexQueueWorkerTask))

#35 /public/typo3/sysex/scheduler/Classes/Command/SchedulerCommand.php(119): TYPO3\CMS\Scheduler\Command\SchedulerCommand->loopTasks()

#36 /vendor/symfony/console/Command/Command.php(255): TYPO3\CMS\Scheduler\Command\SchedulerCommand->execute(Object(Symfony\Component\Console\Input\ArgvInput), Object(Symfony\Component\Console\Output\ConsoleOutput))

#37 /vendor/symfony/console/Application.php(971): Symfony\Component\Console\Command\Command->run(Object(Symfony\Component\Console\Input\ArgvInput), Object(Symfony\Component\Console\Output\ConsoleOutput))

#38 /vendor/symfony/console/Application.php(290): Symfony\Component\Console\Application->doRunCommand(Object(TYPO3\CMS\Scheduler\Command\SchedulerCommand), Object(Symfony\Component\Console\Input\ArgvInput), Object(Symfony\Component\Console\Output\ConsoleOutput))

#39 /vendor/symfony/console/Application.php(166): Symfony\Component\Console\Application->doRun(Object(Symfony\Component\Console\Input\ArgvInput), Object(Symfony\Component\Console\Output\ConsoleOutput))

#40 /public/typo3/sysex/core/Classes/Console/CommandApplication.php(91): Symfony\Component\Console\Application->run(Object(Symfony\Component\Console\Input\ArgvInput), Object(Symfony\Component\Console\Output\ConsoleOutput))

#41 /public/typo3/sysex/core/bin/typo3(23): TYPO3\CMS\Core\Console\CommandApplication->run()

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#42 /public/typo3/sysext/core/bin/typo3(24): {closure}()
#43 {main} - {"TYPO3_MODE":"BE","exception":{}}
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