

## Core - Bug # 31255

<b>Status:</b>	Resolved	<b>Priority:</b>	Should have
<b>Author:</b>	Steffen Gebert	<b>Category:</b>	Caching
<b>Created:</b>	2011-10-25	<b>Assigned To:</b>	
<b>Updated:</b>	2013-09-14	<b>Due date:</b>	
<b>TYPO3 Version:</b>	4.6		
<b>PHP Version:</b>			
<b>Complexity:</b>			
<b>Is Regression:</b>	No		
<b>Sprint Focus:</b>			
<b>Subject:</b>	CF: Could not create directory		
<b>Description</b>			
<p>Installing TYPO3 in a directory, where the web server user has no write permissions at all ends up with a RuntimeException:</p> <p>PHP Fatal error: Uncaught exception 'RuntimeException' with message 'Could not create directory!' in t3lib/class.t3lib_div.php:2909</p> <p>Stack trace:</p> <pre>#0 t3lib/cache/backend/class.t3lib_cache_backend_filebackend.php(201): t3lib_div::mkdir_deep('/var/www/typo3t...') #1 t3lib/cache/backend/class.t3lib_cache_backend_filebackend.php(99): t3lib_cache_backend_FileBackend-&gt;createFinalCacheDirectory('/var/www/typo3t...') #2 t3lib/cache/frontend/class.t3lib_cache_frontend_abstractfrontend.php(63): t3lib_cache_backend_FileBackend-&gt;setCache(Object(t3lib_cache_frontend_PhpFrontend)) #3 t3lib/cache/frontend/class.t3lib_cache_frontend_phpfrontend.php(45): t3lib_cache_frontend_AbstractFrontend-&gt;__construct('cache_phpcode', Object(t3lib_cache_backend_FileBackend)) #4 [internal function]: t3lib_cache_frontend_PhpFrontend-&gt;__construct('cache_phpcode', Object(t3lib_cache_backend_FileBackend)) #5 /var/www/typo3_sr in t3lib/cache/backend/class.t3lib_cache_backend_filebackend.php on line 203</pre> <p>The bad thing is that modern browsers don't show that Exception, but show just a <i>Server Error</i> page.</p> <p>If possible, we should check, whether the directory is writable and then output a message, which finds its way to the user!</p> <p>In doubt I'm fine with taking this from the 4.6.0 target.</p>			
<b>Related issues:</b>			
related to Core - Feature # 11771: Check for write-permissions before install...		<b>Resolved</b>	<b>2010-12-29</b>
duplicated by Core - Bug # 32306: Install tool fails silently if typo3temp is...		<b>Rejected</b>	<b>2011-12-05</b>
duplicated by Core - Bug # 32842: Missing write permissions cause HTTP 500 error		<b>Closed</b>	<b>2011-12-27</b>

### History

#### #1 - 2011-10-25 02:57 - Steffen Gebert

- Target version set to 4.6.0

#### #2 - 2011-10-25 12:07 - Steffen Gebert

- File 31255.diff added

Few things missing:

- Exceptions should be caught in a callee few levels outside the CF
- Redirection after creating ENABLE\_INSTALL\_TOOL is wrong, it redirects to install/ subdirectory of typo3/install/

### #3 - 2011-10-25 12:28 - Steffen Gebert

- *Priority changed from Must have to Should have*
- *Target version changed from 4.6.0 to 4.6.1*

### #4 - 2011-10-25 13:52 - Christian Kuhn

Mmh,

if a system is already set up and this error is thrown, I'd say there is the install tool that comes with checks for those things. From a production perspective I'd not handle this error in the cf.

Since this message is much more likely to be thrown in the install tool during first installation, the issue occurs because the install tool is interweaved with the default TYPO3 bootstrap, so the autoloader is instantiated and wants to create the cache file. At the moment we can not solve this issue systematically.

So, best solution at the moment is probably to catch the error at a higher level in the install process itself and write a happy little error message that at least typo3temp/ must be writable to continue.

### #5 - 2011-10-25 13:57 - Steffen Gebert

To be precise: It's before the install process. Before even detecting that we have to redirect to the Install Tool.

### #6 - 2011-11-30 20:07 - Chris topher

- *Target version changed from 4.6.1 to 4.6.2*

### #7 - 2012-02-07 08:50 - Xavier Perseguers

- *Target version deleted (4.6.2)*

### #8 - 2012-04-22 12:23 - Yan Guy

With typo3 version 4.6.8,  
under OS X (10.6.8) the solution is to

```
cd /Library/WebServer/Documents/(sitedirectory)
sudo chgrp -R _www fileadmin typo3temp typo3conf uploads
```

Would be good to add to the INSTALL.txt file that

under OS X (at least 10.6)  
the apache server root directory is /Library/WebServer/Documents  
and the group of the apache web server included with OS X is \_www

**#9 - 2013-09-14 22:20 - Christian Kuhn**

- *Status changed from New to Resolved*
- *Target version set to 6.2.0*
- *% Done changed from 0 to 100*
- *Is Regression set to No*

The "folder structure" in 6.2 install tool takes care of this permission issue now.

**Files**

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31255.diff	1.3 kB	2011-10-25	Steffen Gebert
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