

TextCritical.net - Bug #2557

404 Error in container after first attempt

12/30/2019 05:46 AM - Luke Murphey

Status:	Closed	Start date:	12/29/2019
Priority:	Normal	Due date:	
Assignee:	Luke Murphey	% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:			
Description			
<pre> return self.render(context) File "/usr/local/lib/python2.7/site-packages/django/templatetags/cache.py", line 49, in render fragment_cache.set(cache_key, value, expire_time) File "/usr/local/lib/python2.7/site-packages/django/core/cache/backends/filebased.py", line 51, in set fd, tmp_path = tempfile.mkstemp(dir=self._dir) File "/usr/local/lib/python2.7/tempfile.py", line 314, in mkstemp return _mkstemp_inner(dir, prefix, suffix, flags) File "/usr/local/lib/python2.7/tempfile.py", line 244, in _mkstemp_inner fd = _os.open(file, flags, 0600) OSError: [Errno 2] No such file or directory: '/cache/tmpnqPlkS' root@f8d434ad1ddf:/usr/src/app/var/log# tail -n 25 app.log File "/usr/local/lib/python2.7/site-packages/django/template/base.py", line 990, in render bit = node.render_annotated(context) File "/usr/local/lib/python2.7/site-packages/django/template/base.py", line 957, in render_annot ated return self.render(context) File "/usr/local/lib/python2.7/site-packages/django/template/loader_tags.py", line 72, in render result = block.nodelist.render(context) File "/usr/local/lib/python2.7/site-packages/django/template/base.py", line 990, in render bit = node.render_annotated(context) File "/usr/local/lib/python2.7/site-packages/django/template/base.py", line 957, in render_annot ated return self.render(context) File "/usr/local/lib/python2.7/site-packages/django/template/defaulttags.py", line 529, in rende r return self.nodelist.render(context) File "/usr/local/lib/python2.7/site-packages/django/template/base.py", line 990, in render bit = node.render_annotated(context) File "/usr/local/lib/python2.7/site-packages/django/template/base.py", line 957, in render_annot ated return self.render(context) File "/usr/local/lib/python2.7/site-packages/django/templatetags/cache.py", line 49, in render fragment_cache.set(cache_key, value, expire_time) File "/usr/local/lib/python2.7/site-packages/django/core/cache/backends/filebased.py", line 51, in set fd, tmp_path = tempfile.mkstemp(dir=self._dir) File "/usr/local/lib/python2.7/tempfile.py", line 314, in mkstemp return _mkstemp_inner(dir, prefix, suffix, flags) File "/usr/local/lib/python2.7/tempfile.py", line 244, in _mkstemp_inner fd = _os.open(file, flags, 0600) OSError: [Errno 2] No such file or directory: '/cache/tmpnqPlkS'</pre>			

History

#1 - 12/30/2019 06:20 AM - Luke Murphey

- Description updated

Questions:

- Is this a known issue?
- Can I circumvent it by not sharing /cache and using one within the container?
- **[Yes]** Can the other directories be written to?
- Do files made in the host show up on the container?
 - No
- **[Yes]** Can the container make files in other shared directories?
 - I can in /files
 - touch test.txt worked
 - /db works too
- **[Determined]** What are the shares?

```

/opt/textcritical/cache      /cache
/opt/textcritical/db        /db
/opt/textcritical/files     /usr/src/app/media/files
/opt/textcritical/indexes   /usr/src/app/var/indexes

```

- Its also not showing the files from the container

Observations

- Can ssh to the host with:
 - lukemurphey -L 8004:localhost:8004 -L 9001:localhost:9000
- The following URL shows the failure: <http://127.0.0.1:8004/api/works>
- The error I see is:

```
touch: cannot touch 'text.txt': No such file or directory
```

- 'ls' in the directory makes it appear like it is not a directory
- This happened after having the cache directory cleared

Causes/solutions:

- **[No fix]** Changing permissions to 777 from the host
 - Didn't fix
- **[No fix]** Changing permissions to 777 from the container
 - Didn't fix
- Use a different name for the cache directory (like var, then stores logs in it too)
- Store the cache locally
- Store the cache in Redis
- Use Docker volumes
 - <https://docs.docker.com/storage/volumes/>
 - <https://www.ionos.com/community/server-cloud-infrastructure/docker/understanding-and-managing-docker-container-volumes/>
- Restart the container
 - Fixed, but I don't know why

References:

- <https://github.com/rocker-org/rocker/wiki/Sharing-files-with-host-machine>

#2 - 12/30/2019 06:26 AM - Luke Murphey

- Status changed from *New* to *In Progress*

#3 - 12/30/2019 06:27 AM - Luke Murphey

- Subject changed from *Error* to *404 Error in container after first attempt*

#4 - 12/31/2019 07:19 AM - Luke Murphey

- Status changed from *In Progress* to *Closed*

- % Done changed from *0* to *100*

#5 - 03/06/2020 06:28 AM - Luke Murphey

- Status changed from *Closed* to *In Progress*

- Target version changed from *3.1* to *3.2*

#6 - 03/06/2020 07:13 AM - Luke Murphey

- Status changed from *In Progress* to *Closed*

#7 - 03/30/2020 07:33 PM - Luke Murphey

- Status changed from *Closed* to *New*

- Target version changed from *3.2* to *Plus_2*

#8 - 03/30/2020 07:33 PM - Luke Murphey

- % Done changed from *100* to *80*

#9 - 03/30/2020 07:38 PM - Luke Murphey

- Status changed from *New* to *Closed*

- Target version deleted (*Plus_2*)

- % Done changed from *80* to *100*

I updated the script to remove the files from the directory but not remove the directory itself.