

## RPM Support - Issue #1856

### publishing kickstart repo fails on EL6

04/22/2016 07:16 PM - dkliban@redhat.com

<b>Status:</b>	CLOSED - CURRENTRELEASE	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	dkliban@redhat.com	<b>Estimated time:</b>	0:00 hour
<b>Category:</b>		<b>Groomed:</b>	No
<b>Sprint/Milestone:</b>		<b>Sprint Candidate:</b>	No
<b>Severity:</b>	2. Medium	<b>Tags:</b>	Pulp 2
<b>Version:</b>	2.8.2	<b>Sprint:</b>	
<b>Platform Release:</b>	2.8.3	<b>Quarter:</b>	
<b>OS:</b>	RHEL 6		
<b>Triaged:</b>	Yes		
<b>Description</b>			
The following traceback is present in the logs when trying to publish a kickstart repo on EL6			
<pre>celery.worker.job:ERROR: (21227-18496) Traceback (most recent call last): celery.worker.job:ERROR: (21227-18496)   File "/usr/lib/python2.6/site-packages/celery/app/trace.py", line 240, in trace_task celery.worker.job:ERROR: (21227-18496)       R = retval = fun(*args, **kwargs) celery.worker.job:ERROR: (21227-18496)   File "/usr/lib/python2.6/site-packages/pulp/server/async/tasks.py", line 473, in __call__ celery.worker.job:ERROR: (21227-18496)       return super(Task, self).__call__(*args, **kwargs) celery.worker.job:ERROR: (21227-18496)   File "/usr/lib/python2.6/site-packages/pulp/server/async/tasks.py", line 103, in __call__ celery.worker.job:ERROR: (21227-18496)       return super(PulpTask, self).__call__(*args, **kwargs) celery.worker.job:ERROR: (21227-18496)   File "/usr/lib/python2.6/site-packages/celery/app/trace.py", line 437, in __protected_call__ celery.worker.job:ERROR: (21227-18496)       return self.run(*args, **kwargs) celery.worker.job:ERROR: (21227-18496)   File "/usr/lib/python2.6/site-packages/pulp/server/controllers/repository.py", line 971, in publish celery.worker.job:ERROR: (21227-18496)       result = _do_publish(repo_obj, dist_id, dist_inst, transfer_repo, conduit, call_config) celery.worker.job:ERROR: (21227-18496)   File "/usr/lib/python2.6/site-packages/pulp/server/controllers/repository.py", line 1023, in _do_publish celery.worker.job:ERROR: (21227-18496)       publish_report = publish_repo(transfer_repo, conduit, call_config) celery.worker.job:ERROR: (21227-18496)   File "/usr/lib/python2.6/site-packages/pulp/server/async/tasks.py", line 658, in wrap_f celery.worker.job:ERROR: (21227-18496)       return f(*args, **kwargs) celery.worker.job:ERROR: (21227-18496)   File "/usr/lib/python2.6/site-packages/pulp_rpm/plugins/distributors/yum/distributor.py", line 174, in publish_repo celery.worker.job:ERROR: (21227-18496)       return self._publisher.process_lifecycle() celery.worker.job:ERROR: (21227-18496)   File "/usr/lib/python2.6/site-packages/pulp/plugins/util/publish_step.py", line 562, in process_lifecycle celery.worker.job:ERROR: (21227-18496)       super(PluginStep, self).process_lifecycle() celery.worker.job:ERROR: (21227-18496)   File "/usr/lib/python2.6/site-packages/pulp/plugins/util/publish_step.py", line 159, in process_lifecycle celery.worker.job:ERROR: (21227-18496)       step.process() celery.worker.job:ERROR: (21227-18496)   File "/usr/lib/python2.6/site-packages/pulp/plugins/util/publish_step.py", line 232, in process celery.worker.job:ERROR: (21227-18496)       self._process_block(item=item) celery.worker.job:ERROR: (21227-18496)   File "/usr/lib/python2.6/site-packages/pulp/plugins/util/publish_step.py", line 291, in _process_block celery.worker.job:ERROR: (21227-18496)       self.process_main(item=item) celery.worker.job:ERROR: (21227-18496)   File "/usr/lib/python2.6/site-packages/pulp_rpm/plugins/distributors/yum/publish.py", line 748, in process_main celery.worker.job:ERROR: (21227-18496)       self._publish_distribution_files(unit)</pre>			

```
celery.worker.job:ERROR: (21227-18496) File "/usr/lib/python2.6/site-packages/pulp_rpm/plugins/distributors/yum/publish.py", line 816, in _publish_distribution_files
celery.worker.job:ERROR: (21227-18496) self._write_pulp_distribution_file(distro_files, xml_file_path)
celery.worker.job:ERROR: (21227-18496) File "/usr/lib/python2.6/site-packages/pulp_rpm/plugins/distributors/yum/publish.py", line 835, in _write_pulp_distribution_file
celery.worker.job:ERROR: (21227-18496) old_files = [old_element.text for old_element in old_xml_root.iter('file')]
celery.worker.job:ERROR: (21227-18496) AttributeError: iter
```

This is due to Element.iter() method not being available on Python 2.6.

## Associated revisions

### Revision 8c2ea72b - 04/22/2016 08:02 PM - mhrivnak

adding a unit test for \_write\_pulp\_distribution\_file

<https://pulp.plan.io/issues/1856>

re #1856

### Revision 153b67ea - 04/22/2016 08:24 PM - dkliban@redhat.com

Makes publishing kickstart trees compatible with Python 2.6

Element.getiterator() is deprecated in Python 2.7, but still available. However, Element.iter() is not available in Python 2.6.

fixes #1856 <https://pulp.plan.io/issues/1856>

## History

### #1 - 04/22/2016 07:16 PM - dkliban@redhat.com

[https://github.com/pulp/pulp\\_rpm/pull/850](https://github.com/pulp/pulp_rpm/pull/850)

### #2 - 04/22/2016 08:06 PM - mhrivnak

A unit test to reproduce it: [https://github.com/pulp/pulp\\_rpm/pull/851](https://github.com/pulp/pulp_rpm/pull/851)

### #3 - 04/22/2016 08:38 PM - dkliban@redhat.com

- Status changed from POST to MODIFIED

- % Done changed from 0 to 100

Applied in changeset [153b67eab635e2ff888f5b5fbb99a2f8c3cebb85](https://pulp.plan.io/changesets/details/153b67eab635e2ff888f5b5fbb99a2f8c3cebb85).

### #4 - 04/27/2016 12:39 AM - semyers

- Status changed from MODIFIED to 5

### #5 - 04/29/2016 04:49 PM - dkliban@redhat.com

- Triaged changed from No to Yes

### #6 - 05/06/2016 07:27 PM - pthomas@redhat.com

verified

```
[root@ibm-x3250m4-03 ~]# rpm -qa pulp-server
```

```
pulp-server-2.8.3-0.2.beta.el6.noarch
```

```
[root@ibm-x3250m4-03 ~]#
```

```
[root@ibm-x3250m4-03 ~]# pulp-admin rpm repo publish run --repo-id rhel6
+-----+
| Publishing Repository [rhel6] |
+-----+
```

This command may be exited via ctrl+c without affecting the request.

```
Copying files
```

```
[-]
```

```
... completed
```

```
Initializing repo metadata
```

```
[-]
... completed

Publishing Distribution files
[!]
... completed

Publishing RPMs
[/]
... completed

Publishing Delta RPMs
... skipped

Publishing Errata
[-]
... completed

Publishing Comps file
[=====] 100%
212 of 212 items
... completed

Publishing Metadata.
[-]
... completed

Closing repo metadata
[-]
... completed

Generating sqlite files
... skipped

Publishing files to web
[\\]
... completed

Writing Listings File
[-]
... completed

Writing Listings File
[-]
... completed

Task Succeeded
```

**#7 - 05/06/2016 07:27 PM - pthomas@redhat.com**

- Status changed from 5 to 6

**#8 - 05/17/2016 09:32 PM - semyers**

- Status changed from 6 to CLOSED - CURRENTRELEASE

**#10 - 04/15/2019 10:31 PM - bmbouter**

- Tags Pulp 2 added