

## Foreman - Bug #11170

### foreman-rake: setting complex parameters (arrays, hashes) broken?

07/21/2015 04:40 AM - Robert Rauch

<b>Status:</b> Closed	
<b>Priority:</b> Normal	
<b>Assignee:</b> Dominic Cleal	
<b>Category:</b> Rake tasks	
<b>Target version:</b> 1.9.1	
<b>Difficulty:</b>	<b>Fixed in Releases:</b>
<b>Triaged:</b>	<b>Found in Releases:</b> 1.8.2
<b>Bugzilla link:</b>	<b>Red Hat JIRA:</b>
<b>Pull request:</b> <a href="https://github.com/foreman/foreman/pull/2586">https://github.com/foreman/foreman/pull/2586</a>	
<b>Description</b>	
Trying to set complex Foreman parameters (i.e. arrays or hashes) using foreman-rake results in various errors, i.e.	
<pre>[root@foreman ~]# foreman-rake -- config -k trusted_puppetmaster_hosts -v '[ "foo.bar.com", "foo.baz.org" ]'</pre> <pre>rake aborted!</pre> <pre>A JSON text must at least contain two octets!</pre> <pre>Tasks: TOP =&gt; config</pre> <pre>(See full trace by running task with --trace)</pre>	
<b>Another variant:</b>	
<pre>[root@foreman ~]# foreman-rake -- config -k trusted_puppetmaster_hosts -v '["foo.bar.com", "foo.baz.org"]'</pre> <pre>rake aborted!</pre> <pre>387: unexpected token at 'foo.bar.com,'</pre> <pre>Tasks: TOP =&gt; config</pre> <pre>(See full trace by running task with --trace)</pre>	
<b>Related issues:</b>	
Related to Packaging - Bug #11275: hammer ... list --search with spaces in ar...	<b>Closed</b> <b>08/03/2015</b>

#### Associated revisions

##### Revision [bea14a70](#) - 08/04/2015 06:53 AM - Dominic Cleal

fixes #11275, #11170 - pass spaces/quotes in args through SCL wrappers

Changes the ruby193/SCL wrappers to create a temporary file containing all original arguments from the ruby193-\* command and then executes it via "scl enable". This fixes two quoting-related bugs with these wrappers.

- #11170: the "scl enable" command has a bug (RHBZ#1248418) where it internally uses temporary shell scripts and doesn't escape double quotes, so JSON strings can't be passed through as arguments.
- #11275: the ruby-wrappers passed through arguments word-by-word, causing arguments containing spaces to be split up. It should have used the special quoted "\$@" variable.

##### Revision [930d32d9](#) - 08/05/2015 03:06 AM - Dominic Cleal

Merge pull request #726 from domcleal/rpm/develop-11275-scl-args

fixes #11275, #11170 - pass spaces/quotes in args through SCL wrappers

##### Revision [e28614c0](#) - 08/19/2015 02:31 PM - Dominic Cleal

fixes #11170 - pass quoted args through foreman-rake

Use the special "\$@" to correctly pass quoted arguments through foreman-rake, through su and to the underlying rake command. Ensures the JSON in this command is unharmed:

```
foreman-rake config -- -k trusted_puppetmaster_hosts -v '["foo.bar.com"]'
```

Also swallows the "--" which gets passed through on some versions of rake.

#### Revision 56b4310f - 09/09/2015 10:52 AM - Dominic Cleal

fixes #11170 - pass quoted args through foreman-rake

Use the special "\$@" to correctly pass quoted arguments through foreman-rake, through su and to the underlying rake command. Ensures the JSON in this command is unharmed:

```
foreman-rake config -- -k trusted_puppetmaster_hosts -v '["foo.bar.com"]'
```

Also swallows the "--" which gets passed through on some versions of rake.

(cherry picked from commit e28614c06bf6ca27e5518e8fae667b9ade3f46b2)

## History

---

### #1 - 07/21/2015 04:41 AM - Dominic Cleal

This works on a dev installation, so I'm pretty sure it's a combination of foreman-rake and ruby193-rake, which both use double quoted strings with su etc to pass commands through.

### #2 - 07/21/2015 08:45 AM - The Foreman Bot

- Status changed from New to Ready For Testing
- Pull request <https://github.com/foreman/foreman/pull/2562> added
- Pull request deleted ()

### #3 - 07/21/2015 02:43 PM - Robert Rauch

I have provided a PR, which should fix it, as far as the foreman-rake wrapper is concerned. The same issue applies to the ruby193-rake wrapper, which apparently is in use on some Systems (like Centos7). I guess the ruby193-rake wrapper is not controlled by the Foreman guys, so this should probably get fixed upstream.

### #4 - 07/22/2015 03:32 AM - Dominic Cleal

We actually adopted the ruby193 wrappers as they were removed from SCLs, so the source is over here now: <https://github.com/foreman/foreman-packaging/tree/rpm/develop/ruby-wrapper>

I happened to fix this in an unmerged refactoring ( <https://github.com/foreman/foreman-packaging/pull/249/files#diff-2092b3ff9c37e1fddb7536cd9beec494R161>), so I can reapply my fix to the current version so we have both instances working.

### #5 - 07/30/2015 05:34 AM - Dominic Cleal

There's a further issue affecting SCL OSES in scl-utils itself: [https://bugzilla.redhat.com/show\\_bug.cgi?id=1248418](https://bugzilla.redhat.com/show_bug.cgi?id=1248418), so this will only fix it completely for the others. Once that's fixed we'll also need the fix to the ruby193-esque wrappers.

### #6 - 08/03/2015 04:09 AM - Dominic Cleal

- Related to Bug #11275: hammer ... list --search with spaces in arg fails on SCL OS added

### #7 - 08/19/2015 03:01 PM - Dominic Cleal

- Status changed from Ready For Testing to Closed
- % Done changed from 0 to 100

Applied in changeset [e28614c06bf6ca27e5518e8fae667b9ade3f46b2](https://github.com/foreman/foreman-packaging/pull/249/files#diff-2092b3ff9c37e1fddb7536cd9beec494R161).

### #8 - 08/20/2015 03:41 AM - Dominic Cleal

- Assignee set to Dominic Cleal

- translation missing: en.field\_release set to 72
- Pull request <https://github.com/theforeman/foreman/pull/2586> added
- Pull request deleted (<https://github.com/theforeman/foreman/pull/2562>)