Foreman - Bug #11170

foreman-rake: setting complex parameters (arrays, hashes) broken?
07/21/2015 04:40 AM - Robert Rauch

<table>
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<tr>
<th>Status:</th>
<th>Closed</th>
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<tr>
<td>Priority:</td>
<td>Normal</td>
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<tr>
<td>Assignee:</td>
<td>Dominic Cleal</td>
</tr>
<tr>
<td>Category:</td>
<td>Rake tasks</td>
</tr>
<tr>
<td>Target version:</td>
<td>1.9.1</td>
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<td>Difficulty:</td>
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<td>Pull request:</td>
<td><a href="https://github.com/theforeman/foreman/pull/2586">https://github.com/theforeman/foreman/pull/2586</a></td>
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<td>Triaged:</td>
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Description

Trying to set complex Foreman parameters (i.e. arrays or hashes) using foreman-rake results in various errors, i.e.

```
[root@foreman ~]# foreman-rake --config -k trusted_puppetmaster_hosts -v '[ "foo.bar.com", "foo.baz.org" ]'
```

rake aborted!
A JSON text must at least contain two octets!

Tasks: TOP => config
(See full trace by running task with --trace)

Another variant:

```
[root@foreman ~]# foreman-rake --config -k trusted_puppetmaster_hosts -v '"["foo.bar.com","foo.baz.org"]"'
```

rake aborted!
387: unexpected token at 'foo.bar.com,'

Tasks: TOP => config
(See full trace by running task with --trace)

Related issues:

- Related to Packaging - Bug #11275: hammer ... list --search with spaces in ar... Closed 08/03/2015

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.

1. #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.
2. #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
#3 - 07/21/2015 02:43 PM - Robert Rauch
I have provided a PR, which should fix this, 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/theforeman/foreman-packaging/tree/rpm/develop/ruby-wrapper

I happened to fix this in an unmerged refactoring (https://github.com/theforeman/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, 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 e29614c06b66ca27e5518e8fae667b9ade3f46b2.

#8 - 08/20/2015 03:41 AM - Dominic Cleal
- Assignee set to Dominic Cleal
- Legacy Backlogs Release (now unused) set to 72
- Pull request https://github.com/theforeman/foreman/pull/2586 added
- Pull request deleted (https://github.com/theforeman/foreman/pull/2562)