

## Installer - Bug #31135

### foreman-maintain package lock check indicates false failure

10/23/2020 12:23 AM - Eric Helms

<b>Status:</b>	Closed	
<b>Priority:</b>	Normal	
<b>Assignee:</b>	Eric Helms	
<b>Category:</b>	foreman-installer script	
<b>Target version:</b>	2.3.0	
<b>Difficulty:</b>		<b>Fixed in Releases:</b> 2.3.0
<b>Triaged:</b>	Yes	<b>Found in Releases:</b>
<b>Bugzilla link:</b>	1881150	<b>Red Hat JIRA:</b>
<b>Pull request:</b>	<a href="https://github.com/theforeman/foreman-installer/pull/600">https://github.com/theforeman/foreman-installer/pull/600</a>	

#### Description

Cloned from [https://bugzilla.redhat.com/show\\_bug.cgi?id=1881150](https://bugzilla.redhat.com/show_bug.cgi?id=1881150)

From [https://bugzilla.redhat.com/show\\_bug.cgi?id=1880637#c1](https://bugzilla.redhat.com/show_bug.cgi?id=1880637#c1)

We have logic that attempts to detect if foreman-maintain is installed and package locking is enabled but the output isn't being interpreted correctly.

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```
/usr/share/foreman-installer/hooks/post/30-upgrade.rb
```

```
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```

```
if !app_value(:noop) && [0, 2].include?(@kafo.exit_code) && foreman_server?
```

```
execute('foreman-rake upgrade:run')
```

```
end
```

```
~~
```

which appears to kick off if the kafo-puppet run had a "bad" exit code.

Looking back at that puppet run, the only error I see is

```
~~
```

```
[ INFO 2020-09-18T18:21:00 verbose] Executing hooks in group pre_commit
```

```
[ERROR 2020-09-18T18:21:05 verbose] foreman-maintain packages is-locked --assumeeyes failed! Check the output for error!
```

```
[ INFO 2020-09-18T18:21:05 verbose] All hooks in group pre_commit finished
```

```
~~
```

There are a number of warnings though.

Running that command gives:

~~

```
root@tstr000047:/var/log/foreman-installer $ foreman-maintain packages is-locked --assumeeyes; echo $?
```

Packages are not locked

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I ran it again with debug and captured this:

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```
[ INFO 2020-09-18T19:03:39 main] Executing hooks in group pre_commit
```

```
[DEBUG 2020-09-18T19:03:39 main] Hook /usr/share/foreman-installer/katello/hooks/pre_commit/05-puppet_certs_exist.rb returned nil
```

```
[DEBUG 2020-09-18T19:03:39 main] Executing: foreman-maintain packages -h
```

```
[DEBUG 2020-09-18T19:03:41 main] Usage:
```

```
[DEBUG 2020-09-18T19:03:41 main] foreman-maintain packages [OPTIONS] SUBCOMMAND [ARG] ...
```

```

[DEBUG 2020-09-18T19:03:41 main] Parameters:
[DEBUG 2020-09-18T19:03:41 main] SUBCOMMAND          subcommand
[DEBUG 2020-09-18T19:03:41 main] [ARG] ...      subcommand arguments
[DEBUG 2020-09-18T19:03:41 main]
[DEBUG 2020-09-18T19:03:41 main] Subcommands:
[DEBUG 2020-09-18T19:03:41 main] lock          Prevent packages from automatic update
[DEBUG 2020-09-18T19:03:41 main] unlock       Enable packages for automatic update
[DEBUG 2020-09-18T19:03:41 main] status       Check if packages are protected against update
[DEBUG 2020-09-18T19:03:41 main] install      Install packages in an unlocked session
[DEBUG 2020-09-18T19:03:41 main] update       Update packages in an unlocked session
[DEBUG 2020-09-18T19:03:41 main] is-locked    Check if update of packages is allowed
[DEBUG 2020-09-18T19:03:41 main]
[DEBUG 2020-09-18T19:03:41 main] Options:
[DEBUG 2020-09-18T19:03:41 main] -h, --help   print help
[DEBUG 2020-09-18T19:03:41 main] foreman-maintain packages -h finished successfully!
[DEBUG 2020-09-18T19:03:41 main] Executing: foreman-maintain packages is-locked --assumeeyes
[DEBUG 2020-09-18T19:03:43 main] Packages are not locked
[ERROR 2020-09-18T19:03:43 main] foreman-maintain packages is-locked --assumeeyes failed! Check the output for error!
[DEBUG 2020-09-18T19:03:43 main] Hook /usr/share/foreman-installer/katello/hooks/pre_commit/09-version_locking.rb returned nil
~~~

```

It looks like that's ultimately coming from  
 /usr/share/foreman-installer/hooks/boot/03-foreman-maintain-extensions.rb

```

~~~
def package_lock_feature?

foreman_maintain('packages -h')

end

~~~
~~~~

```

## Associated revisions

### Revision d5e079d0 - 11/13/2020 05:03 PM - Eric Helms

Fixes #31135: Introduce execute! and execute for fatal and non-fatal commands

Introduce two separate functions that run a command. `execute!` will run a command and exit if the status indicates failure. `execute` will run a command and return the status of the command to let the hook take further action. `execute` is intended for actions that require information to decide what further action to take or if the action is non-fatal.

This present previously seen errors where detecting `foreman-maintain` exists on the system or `foreman-maintain` checks for a feature from presenting as an error incorrectly to the user.

## History

### #1 - 10/23/2020 12:29 AM - The Foreman Bot

- Status changed from *New* to *Ready For Testing*
- Assignee set to *Eric Helms*
- Pull request <https://github.com/theforeman/foreman-installer/pull/600> added

### #2 - 11/13/2020 05:03 PM - The Foreman Bot

- Fixed in Releases 2.4.0 added

### #3 - 11/13/2020 06:01 PM - Eric Helms

- Status changed from Ready For Testing to Closed

Applied in changeset [installer\[d5e079d0b4ccd6168a8f419bc002aac65b0607eb\]](#).

**#4 - 11/16/2020 05:30 AM - Tomer Brisker**

- Category set to foreman-installer script

- Fixed in Releases 2.3.0 added

- Fixed in Releases deleted (2.4.0)

**#5 - 11/30/2020 05:52 PM - Ewoud Kohl van Wijngaarden**

- Target version set to 2.3.0

- Triaged changed from No to Yes