Packaging - Refactor #27874
Optimize process tree in tfm-* wrappers
09/17/2019 03:57 PM - Ewoud Kohl van Wijngaarden

Status: Closed
Priority: Normal
Assignee: Ewoud Kohl van Wijngaarden
Category: RPMs
Target version:
Difficulty:
Triaged: Yes
Bugzilla link: Found in Releases: 1.24.0

Description
Currently we execute bash and within that bash we execute scl enable tfm "bash wrapper". This results in a complex process tree:

```
/bin/bash /usr/bin/tfm-rake -- console
  \_ scl enable tfm bash /tmp/tmp.4vH4dRd7aM
  \_ /bin/bash /var/tmp/scl1l01x5z
  \_ bash /tmp/tmp.4vH4dRd7aM
```

It can also use source scl_enable tfm && exec ruby "$@" and end up with a much smaller process tree since it replaces the parent process:

```
```

This still avoids https://bugzilla.redhat.com/show_bug.cgi?id=1248418 in a different way.

Associated revisions
Revision 682a5f1a - 09/17/2019 04:31 PM - Ewoud Kohl van Wijngaarden
Fixes #27874 - Optimize tfm wrappers
This avoids a complex process tree and replaces the original process. This saves memory and also makes ps auxf and similar commands much more understandable.

```
/bin/bash /usr/bin/tfm-rake -- console
  \_ scl enable tfm bash /tmp/tmp.4vH4dRd7aM
  \_ /bin/bash /var/tmp/scl1l01x5z
  \_ bash /tmp/tmp.4vH4dRd7aM
```

With:
```
```
History

#1 - 09/17/2019 04:04 PM - The Foreman Bot
- Assignee set to Ewoud Kohl van Wijngaarden
- Status changed from New to Ready For Testing
- Pull request https://github.com/theforeman/foreman-packaging/pull/4115 added

#2 - 09/17/2019 04:31 PM - The Foreman Bot
- Fixed in Releases 1.24.0 added

#3 - 09/17/2019 05:01 PM - Ewoud Kohl van Wijngaarden
- Status changed from Ready For Testing to Closed

Applied in changeset foreman-packaging|682a5f1a0803c5aa422c8495f1b1e56494058f36.

#4 - 09/18/2019 09:00 AM - The Foreman Bot
- Pull request https://github.com/theforeman/foreman-packaging/pull/4129 added