

Foreman - Bug #928

Dependency problem with f15 / foreman.noarch 0:0.3rc1-1

05/22/2011 11:29 AM - D. Johnson

Status: Resolved	
Priority: Normal	
Assignee: D. Johnson	
Category: Packaging	
Target version:	
Difficulty:	Fixed in Releases:
Triaged:	Found in Releases:
Bugzilla link:	Red Hat JIRA:
Pull request:	
Description	
New clean, bare install of F15, 'yum install foreman' after adding both stable and unstable repos: Loaded plugins: downloadonly, etckeeper Setting up Install Process Resolving Dependencies --> Running transaction check ---> Package foreman.noarch 0:0.3rc1-1 will be installed --> Processing Dependency: rubygem(rake) >= 0.8.3 for package: foreman-0.3rc1-1.noarch --> Processing Dependency: rubygem(json) for package: foreman-0.3rc1-1.noarch --> Processing Dependency: rubygem(sqlite3-ruby) for package: foreman-0.3rc1-1.noarch Package rubygem-sqlite3-ruby is obsoleted by rubygem-sqlite3, but obsoleting package does not provide for requirements --> Processing Dependency: rubygem(rest-client) for package: foreman-0.3rc1-1.noarch --> Running transaction check ---> Package foreman.noarch 0:0.3rc1-1 will be installed --> Processing Dependency: rubygem(sqlite3-ruby) for package: foreman-0.3rc1-1.noarch Package rubygem-sqlite3-ruby is obsoleted by rubygem-sqlite3, but obsoleting package does not provide for requirements ---> Package rubygem-json.x86_64 0:1.4.6-3.fc15 will be installed ---> Package rubygem-rake.noarch 0:0.9.0-0.3.beta.4.fc15 will be installed ---> Package rubygem-rest-client.noarch 0:1.6.1-2.fc15 will be installed --> Processing Dependency: rubygem(mime-types) >= 1.16 for package: rubygem-rest-client-1.6.1-2.fc15.noarch --> Running transaction check ---> Package foreman.noarch 0:0.3rc1-1 will be installed --> Processing Dependency: rubygem(sqlite3-ruby) for package: foreman-0.3rc1-1.noarch Package rubygem-sqlite3-ruby is obsoleted by rubygem-sqlite3, but obsoleting package does not provide for requirements ---> Package rubygem-mime-types.noarch 0:1.16-3.fc15 will be installed --> Finished Dependency Resolution You could try using --skip-broken to work around the problem You could try running: rpm -Va --nofiles --nodigest	
Related issues:	
Is duplicate of Foreman - Bug #1190: RPM from repositories does not work on f...	Duplicate 09/28/2011
Is duplicate of Foreman - Bug #1661: Dependency problem with f16 / foreman.no...	Resolved 05/30/2012

Associated revisions

Revision 471a7d5c - 05/23/2011 11:05 AM - D. Johnson

fixes #928 - Patch spec file to work with Fedora 15+

Signed-off-by: D. Johnson <fenris02@fedoraproject.org>

History

#1 - 05/22/2011 04:01 PM - D. Johnson

This should allow it to build on both RHEL systems (old package name) as well as Fedora 15+ systems:

```
diff --git a/extras/spec/foreman.spec b/extras/spec/foreman.spec
index 88af005..0afcc2e 100644
```

```
--- a/extras/spec/foreman.spec
+++ b/extras/spec/foreman.spec
@ -18,7 +18,11 @ Requires: ruby(abi) = 1.8
Requires: rubygems
Requires: rubygem(rake) >= 0.8.3
Requires: puppet >= 0.24.4
if ! (0{?fedora} > 14 || 0{?rhel} > 5)
Requires: rubygem(sqlite3)
%else
Requires: rubygem(sqlite3-ruby)
+%endif
Requires: rubygem(rest-client)
Requires: rubygem(json)
Requires(pre): shadow-utils
```

#2 - 05/23/2011 11:03 AM - D. Johnson

- File 0002-Patch-spec-file-to-work-with-Fedora-15.patch added

Looks like wiki broke git patch, attaching as external file with git format-patch

#3 - 05/23/2011 11:04 AM - Ohad Levy

- Category set to Packaging

- Target version set to 0.3

#4 - 05/23/2011 11:06 AM - D. Johnson

- Status changed from New to Ready For Testing

- % Done changed from 0 to 100

Applied in changeset [471a7d5cddb0dd6ff97268632d0aca5e6ecc6fe4](#).

#5 - 05/24/2011 02:01 PM - Ohad Levy

- Status changed from Ready For Testing to Feedback

- Assignee set to D. Johnson

this does not seem to work on rhel5 :

```
--> Running transaction check
---> Package foreman.noarch 0:0.3rc2-2 set to be updated
--> Processing Dependency: rubygem(sqlite3) for package: foreman
---> Package foreman-proxy.noarch 0:0.2rc1-1 set to be updated
--> Finished Dependency Resolution
foreman-0.3rc2-2.noarch from foreman-testing has depsolving problems
--> Missing Dependency: rubygem(sqlite3) is needed by package foreman-0.3rc2-2.noarch (foreman-testing)
Error: Missing Dependency: rubygem(sqlite3) is needed by package foreman-0.3rc2-2.noarch (foreman-testing)
You could try using --skip-broken to work around the problem
You could try running: package-cleanup --problems
                        package-cleanup --dupes
                        rpm -Va --nofiles --nodigest
[root@infra ~]# yum upgrade --enablerepo=foreman-testing --enablerepo=foreman
[root@infra ~]# cat /etc/issue
CentOS release 5.6 (Final)
Kernel \r on an \m
```

#6 - 05/25/2011 12:12 AM - D. Johnson

on that system, can you run this command please?

```
rpm --eval 'F = 0{?fedora} EL = 0{?rhel}'
```

It should return something like: F = 0 EL = 05

#7 - 05/29/2011 04:29 PM - D. Johnson

- File 0003-Corrected-Requires-line-to-work-with-f15-and-C5.patch added

This should work for C5 now.

#8 - 06/07/2011 05:31 AM - Ohad Levy

- Target version changed from 0.3 to 0.4

#9 - 06/21/2011 10:22 PM - Robin Powell

I am currently having this problem with the foreman repo (see <http://pastie.org/private/udydkbocjfqsss3yvmfpg> for the actual error output).

The output of the requested rpm command is:

```
root# rpm --eval 'F = 0%{?fedora} EL = 0%{?rhel}'
F = 015 EL = 0
```

Is there a way I can work around this now?

-Robin

#10 - 06/22/2011 12:29 AM - D. Johnson

- File foreman.spec added

Here is the .spec file diff:

```
% diff u.../foreman.spec foreman.spec
- ../foreman.spec      2011-06-07 02:55:10.000000000 -0500
+++ foreman.spec      2011-06-21 23:15:35.578125407 -0500
@ -3,13 +3,13 @

Name:          foreman
  Version:     0.3
-Release:     1
+Release:     1%{?dist}
  Summary:    Systems Management web application

Group:        Applications/System
  License:    GPLv3+
  URL:        http://theforeman.org
Source0:     http://github.com/ohadlevy/%{name}/tarball/%{name}-0.3.tar.bz2
+Source0:     http://github.com/ohadlevy/%{name}/tarball/%{name}.tar.bz2
  BuildRoot:  %{_tmppath}/%{name}-%{version}-%{release}-root-%(%{__id_u} -n)

BuildArch:    noarch
@ -18,7 +18,11 @
  Requires:   rubygems
  Requires:   rubygem(rake) >= 0.8.3
  Requires:   puppet >= 0.24.4
-Requires:   rubygem(sqlite3-ruby)
+Requires:   rubygem(sqlite3)
%else
Requires:   rubygem(sqlite3-ruby)
%endif
  Requires:   rubygem(rest-client)
  Requires:   rubygem(json)
  Requires(pre): shadow-utils
```

RPM test files, located at <http://fenris02.fedorapeople.org/foreman/>

Please let me know if they work for you. (Both f15 and el5 are there, choose the one that matches your install)

#11 - 06/22/2011 12:33 AM - D. Johnson

Erg. Redmine ate the diff, that did not work out.

Affected line should read:

```
Source0: http://github.com/ohadlevy/%{name}/tarball/%{name}-%{version}.tar.bz2
```

Attached .spec file appears ok, but I cannot change the mimetype to text/plain.

#12 - 06/22/2011 01:56 AM - Robin Powell

Confirmed successful installation. Can't speak beyond that yet as I've no idea what I'm doing. :)

-Robin

#13 - 07/07/2011 09:27 AM - Marcello de Sousa

The logic here is broken.

With the current **extras/spec/foreman.spec**:

```
%if ! (0%{?fedora} > 14 || 0%{?rhel} > 5)
Requires:      rubygem(sqlite3)
%else
Requires:      rubygem(sqlite3-ruby)
%endif
```

if the variables are not defined they will get a value of "0". Consequently the default requirement will be: `rubygem(sqlite3)` and that breaks installations that have been working before.

My quick and dirty solution is to change it to:

```
%if (100%{?fedora} < 15 || 100%{?rhel} < 6)
Requires:      rubygem(sqlite3)
%else
Requires:      rubygem(sqlite3-ruby)
%endif
```

This will make it work again in CentOS.

As extra info, in CentOS when testing these values I get:

```
> rpm --eval 'F = XXX%{?fedora} EL = XXX%{?rhel}'
F = XXX EL = XXX
```

#14 - 07/07/2011 11:05 AM - Marcello de Sousa

Ok, so the last suggestion didn't seem to fix it for everyone (as discussed on the IRC)...

I think it would be nice if we could recap what is exactly the problem and the affected versions. This is not clear now...

The important point is that the **default** situation should be the previous working one where:

Requires: `rubygem(sqlite3-ruby)`

In RHEL5 and CentOS5 machines here I see these variables are not defined.

```
[root@server ~]# cat /etc/issue
Red Hat Enterprise Linux Server release 5.5 (Tikanga)
Kernel \r on an \m

[root@server ~]# rpm --eval 'F = 0%{?fedora} EL = 0%{?rhel}'
F = 0 EL = 0
```

On both I see "rubygem-sqlite3-ruby" available, so the proposed default value work:

Requires: `rubygem(sqlite3-ruby)`

#15 - 07/13/2011 01:16 AM - D. Johnson

RPM test files, located at <http://fenris02.fedorapeople.org/foreman/>

Please let me know if they work for you. (Both f15 and el5 are there, choose the one that matches your install)

#16 - 09/20/2011 04:36 AM - Ohad Levy

- Target version deleted (0.4)

ok, this is not a release blocker, but we need to get a new yum repo structure.

since foreman 0.5 would be targeted to migration into fedora (or at least would hopefully stop bundling everything inside and migrate to rails 3), I'm removing the target version.

#17 - 09/29/2011 12:23 PM - Ohad Levy

- Status changed from Feedback to Duplicate

#18 - 12/06/2011 08:00 AM - Ohad Levy

- Status changed from Duplicate to New

oops, this should not be a duplicate

#19 - 05/30/2012 04:07 PM - Ohad Levy

latest working rpms can be found at

<http://people.redhat.com/jmontleo/foreman/>

#20 - 06/07/2012 04:00 AM - Ohad Levy

- Status changed from New to Resolved

Files

0002-Patch-spec-file-to-work-with-Fedora-15.patch	925 Bytes	05/23/2011	D. Johnson
0003-Corrected-Requires-line-to-work-with-f15-and-C5.patch	1019 Bytes	05/29/2011	D. Johnson
foreman.spec	8.34 KB	06/22/2011	D. Johnson