

Packages - Freedom Issue #3406

Bug # 3395 (fixed): [ruby] Requires rubygems, which conflicts with your-freedom

[various]: `require`: cannot load such file -- rubygems (LoadError)

2022-12-21 10:58 PM - bill-auger

Status: fixed	% Done: 100%
Priority: freedom issue	
Assignee: lukeshu	
Category:	
Description	
<pre>\$ lolcat <<<'hello' /usr/bin/lolcat:9:in `require': cannot load such file -- rubygems (LoadError) from /usr/bin/lolcat:9:in `<main>'</pre>	
<p>this presumably affects every program which loads its ruby libs; (eg: `require` above), or otherwise calls `rubygems` for fun - so presumably, each of their packages will need to be blacklisted evermore, if not patched and restored separately, if possible - there will likely be many examples of both outcomes, depending on how pervasively ruby devs tend to call rubygems from application code</p>	
<p>note that the concern is: "freedom issue" intentionally - this ticket is presumed to be an epic - the anticipated sub-tasks will be evident/reported as bugs; but the cause is the 'your-freedom' package, and was intentional - the change was abrupt; and some sacrifices were anticipated - again presumably, that is: 'rubygems' package dependents, and any program which call rubygems from application code</p>	
<p>there are few packages, which declare the dependency now; but it is a dependency of ruby in arch - any assumed dep is now a hidden/undeclared dep - the example above 'lolcat' is one example of the undeclared dep</p>	
<pre>\$ sudo parabola-dependents -v rubygems updating database package: 'rubygems' not found - creating dummy package dummy package 'rubygems' created querying database compiling results for (1) dependents searching abslibre direct and transitive arch dependents: [rubygems] <- community/ruby-rake-compiler parabola build dependents: pcr/ruby-syntax pcr/note</pre>	
Subtasks:	
Bug # 3440: metasploit fails to start	fixed

History

#1 - 2022-12-21 11:02 PM - bill-auger

- Description updated

#2 - 2022-12-21 11:05 PM - bill-auger

- Description updated

#3 - 2023-03-19 02:56 AM - bill-auger

the reason why lolcat required 'rubygems' at runtime is because it is packaged as a 'gem' - it had an explicit command `require 'rubygems'`, and relied on the 'rubygems' dependency mechanism for it's other library imports

i was able to "de-pip" lolcat, by *not* building it as a standard gem, but simply installing it's files in the normal *nix way - i converted it's `require` commands (normally resolved at runtime) to literal filesystem paths - that solution is admittedly hackish; but those paths are reliable, because the files are owned by distro packages, declared explicitly in the depends() array, pinned to specific versions

#4 - 2024-02-26 01:40 AM - bill-auger

- Assignee changed from bill-auger to lukeshu

'rubygems' was patched and re-instated - this is probably fixed now - can people verify?

#5 - 2024-02-26 02:41 AM - lukeshu

- Status changed from in progress to fixed

One of the affected packages was extra/ruby-ronn-ng.

The libretools 20240221.1-2 build verified that ronn now works with its declared depends. So marking this as fixed.