Ruby master - Bug #7496
incorrect base_dir for default gemspecs
12/02/2012 04:34 PM - bitsweat (Jeremy Daer)

Status: Closed
Priority: Normal
Assignee: drbrain (Eric Hodel)
Target version: 2.0.0

Description
gemspecs for default gems have incorrect path since they're installed in a subdirectory of the normal specifications path. The base_dir is dirname(dirname(loaded_from)), so using an additional subdir results in a base_dir that's "off by one." Example:

Find the gemspec for the default rake gem:

    spec = Gem::Specification.find_by_name('rake')
    => #
    spec.default_gem?
    => true
    spec.loaded_from
    => "~/Users/jeremy/.rbenv/versions/2.0.0-preview2/lib/ruby/gems/2.0.0/specifications/default/rake-0.9.5.gemspec"

The spec.base_dir should be "~/Users/jeremy/.rbenv/versions/2.0.0-preview2/lib/ruby/gems/2.0.0"

    spec.base_dir
    => "~/Users/jeremy/.rbenv/versions/2.0.0-preview2/lib/ruby/gems/2.0.0/specifications"

This means Gem.bin_path lookups in bin/rake, etc result in incorrect executable paths:

    spec.bin_file('rake')
    => "~/Users/jeremy/.rbenv/versions/2.0.0-preview2/lib/ruby/gems/2.0.0/specifications/gems/rake-0.9.5/bin/rake"
    File.file? _
    => false

Associated revisions
Revision afae107a - 12/06/2012 05:13 AM - drbrain (Eric Hodel)

- test/rubygems/test_gem_package.rb: Test for above.
- lib/rubygems/remote_fetcher.rb: Only update the cache when we have permission. [ruby-trunk - Bug #7509]
- lib/rubygems/source.rb (class Gem): ditto
- test/rubygems/test_gem_remote_fetcher.rb: Test for above.
- lib/rubygems/test_utilities.rb: ditto
- lib/rubygems/specification.rb: Derive base_dir properly for default gems. [ruby-trunk - Bug #7496]
- test/rubygems/test_gem_specification.rb: Test for above.
- lib/rubygems.rb: Untaint Dir.pwd when searching for gemdeps files for operation under $SAFE=1
Revision 38229 - 12/06/2012 05:13 AM - drbrain (Eric Hodel)


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- `lib/rubygems/specification.rb`: Derive `base_dir` properly for default gems. [ruby-trunk - Bug #7496]

- `test/rubygems/test_gem_specification.rb`: Test for above.

- `lib/rubygems.rb`: Untaint `Dir.pwd` when searching for gemdeps files for operation under `$SAFE=1`
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## History

### #1 - 12/02/2012 04:41 PM - luislavena (Luis Lavena)
- Status changed from Open to Assigned
- Assignee set to drbrain (Eric Hodel)

### #2 - 12/06/2012 02:13 PM - drbrain (Eric Hodel)
- Status changed from Assigned to Closed
- % Done changed from 0 to 100

This issue was solved with changeset r38229. Jeremy, thank you for reporting this issue. Your contribution to Ruby is greatly appreciated. May Ruby be with you.


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### #3 - 12/09/2012 09:11 AM - bitsweat (Jeremy Daer)
Thank you!