**Ruby master - Feature #4970**

**FileUtils refactored**

07/04/2011 08:55 AM - trans (Thomas Sawyer)

<table>
<thead>
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<th>Status:</th>
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<tbody>
<tr>
<td>Priority:</td>
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</tr>
<tr>
<td>Assignee:</td>
<td></td>
</tr>
<tr>
<td>Target version:</td>
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**Description**

I've been working with FileUtils a good bit, and concluded it could use some refactoring to make the code clearer and easier to work with. Here is the pull request:

https://github.com/ruby/ruby/pull/30

Essentially, I have removed the method definition loops that occur at the end of the script and replaced them with a simple call (define_command) made for each command as it is defined. This allowed me to use extend self all the way through, rather than having to use module_function in FileUtils and extend self in the Verbose, NoWrite and DryRun "submodules".

**Related issues:**

Related to Ruby master - Bug #7958: include FileUtils::Verbose gives NoMethod...

**Associated revisions**

**Revision 5cfba33a - 02/20/2012 12:30 PM - shirosaki**

- lib/fileutils.rb: revert a line modified accidentally at r34669. This fixes mingw test errors in TestDir_M17N. [ruby-core:42728] [Feature #4970]
  
git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@34706 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

**Revision 34706 - 02/20/2012 12:30 PM - shirosaki**

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**History**

**#1 - 12/28/2011 11:54 AM - trans (Thomas Sawyer)**

Is current trunk destined to be 2.0? If so, can this get a review and merge if ok?

**#2 - 12/28/2011 12:53 PM - matz (Yukihiro Matsumoto)**

Hi,
In message "Re: [ruby-core:41834] [ruby-trunk - Feature #4970] FileUtils refactored" on Wed, 28 Dec 2011 11:54:52 +0900, Thomas Sawyer transfire@gmail.com writes:

Is current trunk destined to be 2.0? If so, can this get a review and merge if ok?

Current trunk is to be 2.0. Is anyone willing to review the code?

matz.

#3 - 02/16/2012 02:26 AM - trans (Thomas Sawyer)
Aaron Patterson looked at it, his only remarks were that I forgot to remove a spurious comment and that I changed the indentation on private. Since, he said nothing about the implementation itself, I am assuming it looked okay to him.

I would remove the unnecessary comment myself, but I seem to have deleted the repo I was working on, and I am not sure there is a way to get it back such that I can update the same pull request. It would just be easier to merge then remove the comment, and if deemed necessary, rebase to a single commit.

#4 - 02/16/2012 03:23 AM - Anonymous
On Thu, Feb 16, 2012 at 02:26:10AM +0900, Thomas Sawyer wrote:

Ya, I think it's basically fine. I have a few more questions that I'll add to the diff. Sorry it's taking me so long to respond on this. :(

I would remove the unnecessary comment myself, but I seem to have deleted the repo I was working on, and I am not sure there is a way to get it back such that I can update the same pull request. It would just be easier to merge then remove the comment, and if deemed necessary, rebase to a single commit.

I don't think it matters too much. Once we have the final patch assembled, I can just apply to trunk without the pull request.

--
Aaron Patterson
http://tenderlovemaking.com/

#5 - 02/16/2012 03:53 AM - mame (Yusuke Endoh)
Hello,

2012/2/16 Aaron Patterson tenderlove@ruby-lang.org:

    Ya, I think it's basically fine.

Agreed. Also looks good to me. Thanks.

--
Yusuke Endoh mame@tsg.ne.jp

#6 - 02/18/2012 10:43 AM - h.shirosaki (Hiroshi Shirosaki)
r34669 (trunk): * lib/fileutils.rb: refactored FileUtil methods seems to cause test errors with mingw32.

TestDir_M17N#test_filename_as_bytes_extutf8 = 0.12 s = E
TestDir_M17N#test_filename_extutf8_inteucjp_unrepresentable = 0.18 s = E

This patch reverts a line to the original code and fixes errors.

diff --git a/lib/fileutils.rb b/lib/fileutils.rb
index 8d1009b..46dfffb 100644
--- a/lib/fileutils.rb
+++ b/lib/fileutils.rb
@@ -1342,7 +1342,7 @@ private
     def entries
       opts = {}
opts[:encoding] = "UTF-8" if /mswin|mignw/ =~ RUBY_PLATFORM
opts[:encoding] = ::Encoding::UTF_8 if fu_windows?
  Dir.entries(path, opts).
  .reject {|n| n == '.' or n == '..'}.
  .map {|n|
    Entry_new(prefix, join(rel, n.untaint)) }

#7 - 02/18/2012 02:56 PM - trans (Thomas Sawyer)
Looks like someone had simply misspelled "mignw". I am guessing that's actually the older code, and fu_windows? is the newer. Is that right?

The refactoring I did did not touch that line, so I am guessing it was changed between the time I wrote the refactor and now --which could be since 1) it was a number of months ago and 2) I lost my original branch and had to reconstruct the the whole file and resubmit.

#8 - 02/19/2012 01:53 AM - nobu (Nobuyoshi Nakada)
(12/02/18 14:56), Thomas Sawyer wrote:

  Looks like someone had simply misspelled "mignw". I am guessing that's actually the older code, and fu_windows? is the newer. Is that right?

Right. I fixed it at r34146, in the last December.

#9 - 02/20/2012 09:30 PM - Anonymous
- Status changed from Open to Closed
- % Done changed from 0 to 100

This issue was solved with changeset r34706.
Thomas, thank you for reporting this issue.
Your contribution to Ruby is greatly appreciated.
May Ruby be with you.

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