Ruby - Bug #4436

FileUtils verbose mode prints output to stderr

02/24/2011 04:19 AM - jrdioko (Johnathan Ritzi)

Status:	Closed		
Priority:	Normal		
Assignee:			
Target version:	3.0		
ruby -v:		**Backport:**	2.5: UNKNOWN, 2.6: UNKNOWN

Description

=begin
I'm using a plugin in a Ruby on Rails application that uses FileUtils's cp_r method to copy files into place (with verbose mode on).
When deploying my application with Capistrano, I get several "error" lines during this part (
http://groups.google.com/group/capistrano/browse_thread/thread/64e95a26af3035cd?pli=1).

It appears that FileUtils#cp_r prints all output in verbose mode to stderr, even if the output is not erroneous (
http://stackoverflow.com/questions/3163585/getting-executed-command-from-ruby-fileutils). It seems that fu_output_message (and
related code) should be changed so that output goes to stdout and errors go to stderr, as usual.
=end

History

#1 - 07/15/2019 04:43 PM - jeremyevans0 (Jeremy Evans)

- Project changed from 2 to Ruby

- Subject changed from FileUtils#cp_r verbose mode prints output to stderr to FileUtils verbose mode prints output to stderr

- Description updated

- ruby -v deleted (1.8.7)

- Backport set to 2.5: UNKNOWN, 2.6: UNKNOWN

This was set to the Ruby 1.8 tracker, but I think it is still an issue currently for all FileUtils methods. Changing the default behavior could possibly be done in Ruby 3, and potentially we could add an option for $stdout (or another IO stream) for non-error messages in 2.7.

#2 - 07/31/2019 07:56 PM - jeremyevans0 (Jeremy Evans)

- Target version set to 3.0

After a more thorough review, fu_output_message is only called in verbose mode. You can get the behavior you want via:

```
FileUtils.instance_variable_set(:@fileutils_output, $stdout)
```

before calling other methods on FileUtils. I think changing the default from $stderr to $stdout should be done in Ruby 3.

#3 - 03/09/2020 04:49 PM - jeremyevans0 (Jeremy Evans)

I've submitted a pull request upstream for this: https://github.com/ruby/fileutils/pull/49

#4 - 06/11/2020 03:22 PM - jeremyevans0 (Jeremy Evans)

- Status changed from Open to Closed