

Ruby - Bug #18436

Fix Pathname dot directory globbing

12/26/2021 10:04 PM - bkuhlmann (Brooke Kuhlmann)

Status:	Closed	
Priority:	Normal	
Assignee:		
Target version:		
ruby -v:	ruby 3.1.0p0 (2021-12-25 revision fb4df44d16) [arm64-darwin21.2.0]	Backport: 2.6: DONTNEED, 2.7: DONTNEED, 3.0: DONTNEED, 3.1: DONE
Description		
Overview		
With 3.1.0, I'm seeing different behavior when trying to obtain directories which have a dot (.) prefix. With 3.0.x, .. would be answered but with 3.1.0, .. is missing. Is this to be expected because the documentation states that Dir.glob should include .. since Pathname.glob wraps Dir.glob. If this is desired behavior feel free to close this issue but it caught me by surprise so wanted to ask in case it's a concern. Thanks!		
Screenshots/Screencasts		
(see attached screenshot where I demonstration behavior between 3.0.3 and 3.1.0.)		
Steps to Recreate		
1. Create a new project directory called "demo" and then change directory to "demo". 2. Create a sub-directory call .config. 3. Using Ruby 3.0.3, launch IRB. 4. Run: require "pathname" 5. Run: Pathname.glob("*.File::FNM_DOTMATCH).select(&:directory?).sort 6. Repeat Steps #4 - #5 using 3.1.0 this time and notice the difference in behavior.		
Environment		
Ruby 3.0.3 and 3.1.0.		
Related issues:		
Related to Ruby - Bug #17280: Dir.glob with FNM_DOTMATCH matches ".." and ".\"		Closed

Associated revisions

Revision 5917f49ad03cd3b2c13d3eea85c969a113b83bf8 - 01/04/2022 08:38 PM - jeremyevans (Jeremy Evans)

Fix documentation for Dir.glob

Dir.glob("*.File::FNM_DOTMATCH) no longer includes ".." in the returned array as of Ruby 3.1.

Fixes [Bug #18436]

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Revision e75246c287436621658bc2b8a5f999d8991e7d1d - 01/30/2022 10:06 AM - naruse (Yui NARUSE)

merge revision(s) 5917f49ad03cd3b2c13d3eea85c969a113b83bf8: [Backport #18436]

Fix documentation for Dir.glob

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dir.rb | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

Revision e75246c287436621658bc2b8a5f999d8991e7d1d - 01/30/2022 10:06 AM - naruse (Yui NARUSE)

merge revision(s) 5917f49ad03cd3b2c13d3eea85c969a113b83bf8: [Backport #18436]

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dir.rb | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

Revision e75246c2 - 01/30/2022 10:06 AM - naruse (Yui NARUSE)

merge revision(s) 5917f49ad03cd3b2c13d3eea85c969a113b83bf8: [Backport #18436]

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Fixes [Bug #18436]

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1 file changed, 1 insertion(+), 1 deletion(-)

History

#1 - 12/27/2021 12:09 AM - znz (Kazuhiro NISHIYAMA)

- Related to Bug #17280: Dir.glob with FNM_DOTMATCH matches "." and "." and results in duplicated entries added

#2 - 01/04/2022 08:38 PM - jeremyevans0 (Jeremy Evans)

The glob difference between Ruby 3.0 and 3.1 is expected, as the change was made to fix bug [#17280](#). Looks like the documentation needs to be updated to reflect the change. I'll take care of that shortly.

#3 - 01/04/2022 08:42 PM - jeremyevans (Jeremy Evans)

- Status changed from Open to Closed

Applied in changeset [git\[5917f49ad03cd3b2c13d3eea85c969a113b83bf8\]](#).

Fix documentation for Dir.glob

Dir.glob("", File::FNM_DOTMATCH) no longer includes "." in the returned array as of Ruby 3.1.

Fixes [Bug [#18436](#)]

#4 - 01/04/2022 08:42 PM - jeremyevans0 (Jeremy Evans)

- Backport changed from 2.6: UNKNOWN, 2.7: UNKNOWN, 3.0: UNKNOWN, 3.1: UNKNOWN to 2.6: DONTNEED, 2.7: DONTNEED, 3.0: DONTNEED, 3.1: REQUIRED

#5 - 01/30/2022 10:07 AM - naruse (Yui NARUSE)

- Backport changed from 2.6: DONTNEED, 2.7: DONTNEED, 3.0: DONTNEED, 3.1: REQUIRED to 2.6: DONTNEED, 2.7: DONTNEED, 3.0: DONTNEED, 3.1: DONE

ruby_3_1 e75246c287436621658bc2b8a5f999d8991e7d1d merged revision(s) 5917f49ad03cd3b2c13d3eea85c969a113b83bf8.

#6 - 02/01/2022 11:11 PM - jnchito (Junichi Ito)

I noticed this change just now. We have some programs which depended on the previous behavior. It loses backward compatibility, so I think it should have been noted in NEWS.md in Ruby 3.1.0. I understand it's too late to say that, though.

Files

screenshot.png	48.2 KB	12/26/2021	bkuhlmann (Brooke Kuhlmann)
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