

Ruby - Bug #13908

Result of Pathname#dirname / File.dirname handling of paths with trailing File::SEPARATOR is surprising

09/16/2017 04:14 AM - davemyron (Dave Myron)

Status:	Closed	
Priority:	Normal	
Assignee:		
Target version:		
ruby -v:	2.4.1p111	Backport: 2.2: UNKNOWN, 2.3: UNKNOWN, 2.4: UNKNOWN
Description <p>Given File.dirname("/some/folder/") the result of /some is very surprising because the path is "obviously" a directory without a file specified. (I got bit by this today... yes, I needed more tests)</p> <p>My expectation was that it would return /some/folder. My expectation seems consistent with the method's documentation which states "Returns all components of the filename given in file_name except the last one." – the "last one" should be the item after the last File::SEPARATOR ("/" on my system)</p> <p>What is the reasoning for the above being the behavior?</p>		

Associated revisions

Revision 40d117ae88c4c8f2a9134fba7ba62417425877d1 - 09/16/2017 11:50 AM - nobu (Nobuyoshi Nakada)

file.c: [DOC] separators at dirname and basename

- file.c (rb_file_s_basename, rb_file_s_dirname): [DOC] state that trailing separators will be stripped first, like as basename(1) and dirname(1). [ruby-core:82828] [Bug #13908]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@59933 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 40d117ae - 09/16/2017 11:50 AM - nobu (Nobuyoshi Nakada)

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git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@59933 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

History

#1 - 09/16/2017 04:15 AM - davemyron (Dave Myron)

- Subject changed from Result of Pathname#dirname / File.dirname handling of paths with trailing slashes is surprising to Result of Pathname#dirname / File.dirname handling of paths with trailing File::SEPARATOR is surprising

#2 - 09/16/2017 04:15 AM - davemyron (Dave Myron)

- Description updated

#3 - 09/16/2017 04:16 AM - davemyron (Dave Myron)

- Description updated

#4 - 09/16/2017 09:13 AM - rocifier (Ryan O'Connor)

davemyron (Dave Myron) wrote:

Given File.dirname("/some/folder/") the result of /some is very surprising because the path is "obviously" a directory without a file specified. (I got bit by this today... yes, I needed more tests)

My expectation was that it would return /some/folder. My expectation seems consistent with the method's documentation which states "Returns all components of the filename given in file_name except the last one." – the "last one" should be the item after the last File::SEPARATOR ("/" on my system)

What is the reasoning for the above being the behavior?

The path is obvious a directory.. true. However, the docs says to call the method with a filename, not a directory name. I'm not quite sure what you would be trying to achieve by calling it with just a directory name. Perhaps you intend to use `Pathname.new("/some/folder/")` instead?

#5 - 09/16/2017 11:51 AM - nobu (Nobuyoshi Nakada)

- *Status changed from Open to Closed*

Applied in changeset trunk|r59933.

file.c: [DOC] separators at dirname and basename

- file.c (rb_file_s_basename, rb_file_s_dirname): [DOC] state that trailing separators will be stripped first, like as `basename(1)` and `dirname(1)`. [\[ruby-core:82828\]](#) [Bug [#13908](#)]