

Ruby master - Feature #16249

Dir#empty? and File#empty?

10/12/2019 09:48 AM - zverok (Victor Shepelev)

Status:	Open
Priority:	Normal
Assignee:	
Target version:	
Description	
I don't think it is a super-valuable addition (as nobody complained about it, or I can't find similar proposals), but seems logical to me:	
<pre># Existed since 2.4 Dir.empty?('dirname') #=> true/false File.empty?('filename') # => true/false # Proposed and implemented: Dir.open('dirname').empty? File.open('filename').empty?</pre>	

History

#1 - 10/12/2019 10:59 AM - nobu (Nobuyoshi Nakada)

```
return rb_dir_s_empty_p(rb_cDir, rb_str_dup(dirp->path));
```

This checks a directory named the current Dir object opened, instead of the opened directory itself.

#2 - 10/12/2019 11:39 AM - shevegen (Robert A. Heiler)

Personally I think I have wanted/needed this in the past. It has not been that important to me to suggest it myself, though, but +1 on the name/API.

(as nobody complained about it, or I can't find similar proposals), but seems logical to me:

I think not every thought process alone makes it into a suggestion. :)

A good example is require 'pp'; I was thinking that it would be convenient before it was suggested to change it, but I never made a proposal myself. Inertia sometimes wins ... but rubyists may often "think alike", or in a somewhat similar way, to some extent.

I guess it (whether the API has not existed before) may have to do with what is/should be possible through FileUtils. So perhaps the opinion is or was that the file-related activities, directory-related activities etc... should all go through FileUtils instead.

We already do have a few file-related activities outside of FileUtils, though, such as File.delete(). I use the latter a lot, more often than tapping into FileUtils or the .rm_rf variant (if the task is to delete the file that is); oddly enough, one minor reason is so that I can avoid having to do require 'fileutils', a bit similar as to how I like how require 'pp' became optional - but anyway, I digress, so +1 to the suggestion in itself.

(I have no particular opinion on the implementation either way; my comment here is really meant to the Dir.empty?() and File.empty?() API/suggestion alone.)

#3 - 10/19/2019 12:49 PM - zverok (Victor Shepelev)

[nobu \(Nobuyoshi Nakada\)](#)

This checks a directory named the current Dir object opened, instead of the opened directory itself.

I am not sure I understand (probably it is my lack of in-depth filesystem work understanding), for what I can tell, we have a directory object with some

path, and check if directory with this path is empty?..

Files

file_dir_i_empty.patch	3.27 KB	10/12/2019	zverok (Victor Shepelev)
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