

Ruby master - Feature #16741

Implement Shellwords.shellescape correctly for Windows

03/28/2020 06:16 PM - abobrikovich (Alexander Bobrikovich)

Status:	Open
Priority:	Normal
Assignee:	
Target version:	
Description	
shellwords module was originally designed and developed for *NIX, and currently works like this:	
<pre>require 'shellwords'</pre>	
<pre>Shellwords.shellescape("/home/me/test with space.txt") # => "/home/me/test\\ with\\ space.txt"</pre>	
<pre>Shellwords.shellescape("C:\Program Files") # => "C:Program\\ Files"</pre>	
I think it's a good opportunity to extend it to support Windows. According to [2], it looks like using quotations is the only option for paths used in a batch script that have space inside. I propose:	
<pre>Shellwords.shellescape("C:\Program Files") # => "\"C:\Program Files\""</pre>	
Links	
<ol style="list-style-type: none">1. https://docs.microsoft.com/en-us/windows/win32/fileio/naming-a-file2. https://superuser.com/a/962816/2459443. https://ss64.com/nt/syntax-esc.html	

History

#1 - 03/29/2020 04:59 AM - znz (Kazuhiro NISHIYAMA)

I think adding Shellwords.cmdescape is better than changing Shellwords.shellescape.

Some environments on Windows support both bash and cmd.

#2 - 03/29/2020 05:17 AM - mame (Yusuke Endoh)

I agree with @znz. IMO, a gem named cmdwords or something would be a good start for the feature instead of directly extending shellwords.

#3 - 03/29/2020 06:07 AM - sawa (Tsuyoshi Sawada)

- Description updated

- Subject changed from Implement Shellwords.shellescape correctly on Windows to Implement Shellwords.shellescape correctly for Windows

#4 - 03/29/2020 07:54 AM - nobu (Nobuyoshi Nakada)

I'm curious for what purpose you need to escape paths.

To pass it to another program, it is better to spawn or system with split array.