

Ruby master - Bug #14429

Overzealous escaping of + in Shellwords

01/31/2018 08:09 PM - woodruffw (William Woodruff)

Status: Assigned	
Priority: Normal	
Assignee: knu (Akinori MUSHA)	
Target version:	
ruby -v: ruby 2.4.3p205 (2017-12-14 revision 61247) [x86_64-linux-gnu]	Backport: 2.3: UNKNOWN, 2.4: UNKNOWN, 2.5: UNKNOWN

Description

The Shellwords module is currently a little too conservative: + isn't a token in Bourne sh¹, but Shellwords escapes it anyways.

Actual:

```
>> Shellwords.escape 'foo+bar' #=> "foo\\+bar"
```

Expected:

```
>> Shellwords.escape 'foo+bar' #=> "foo+bar"
```

I'm reporting this on ruby 2.4.3, but it looks like ruby-trunk is also affected².

History

#1 - 05/13/2018 11:32 PM - woodruffw (William Woodruff)

Ping (and confirming that this is still the case on 2.5.1p57).

#2 - 06/20/2019 08:27 PM - jeremyevans0 (Jeremy Evans)

- Assignee set to knu (Akinori MUSHA)
- Status changed from Open to Assigned
- File shellwords-plus.patch added

While the current code is not really a bug (Shellwords.escape does not guarantee to only escape when required), I agree it makes sense not to escape +. From what I read, in addition to Bourne sh, neither bash nor ksh require escaping +. Attached is a patch that removes the escaping.

Files

shellwords-plus.patch	1.45 KB	06/20/2019	jeremyevans0 (Jeremy Evans)
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