

Ruby master - Bug #15247

Windows - TEMP folder, non 8.3 & drive, fails & errors in test-all (ruby & rdoc)

10/23/2018 05:02 PM - MSP-Greg (Greg L)

Status: Open	
Priority: Normal	
Assignee:	
Target version:	
ruby -v:	Backport: 2.3: UNKNOWN, 2.4: UNKNOWN, 2.5: UNKNOWN

Description

While working with Azure pipelines, two issues came up related to the TEMP folder.

1. The standard Windows TEMP folder is located in a user directory. The user for pipelines is 'buildguest', which is greater than 8 characters, and hence, its short and long paths differ. When I created a new user account locally on Windows 10, both ENV['TEMP'] and ENV['TMP'] were set to the short path.

This causes two failures in test/rdoc/test_rdoc_rdoc.rb and one failure in test_dir.rb, the failures are listed in the attached file temp_short-long.txt.

2. Azure pipelines has the normal TEMP folder on drive C:, but, unlike Appveyor, the repo is placed on drive D:. This causes one failure in test/rdoc/test_rdoc_options.rb, and two errors from the same file, but in the std-Lib file pathname.rb. See attached file temp_drive.txt.

I'm not really sure what I think the solution for this is, as the issue is really due to Windows setting ENV['TEMP'] and ENV['TMP'] to short paths. I do recall the same issues happened on my old multi-drive desktop system. At the time, there were more significant issues with build/test, so I reconfigured the env for that...

Files

temp_drive.txt	1.86 KB	10/23/2018	MSP-Greg (Greg L)
temp_short-long.txt	5.32 KB	10/23/2018	MSP-Greg (Greg L)