

Backport193 - Backport #7143

system("ls && ls") should work in windows

10/12/2012 03:10 AM - rogerdpack (Roger Pack)

Status:	Closed	
Priority:	Normal	
Assignee:	usa (Usaku NAKAMURA)	
Description		
Hello. Since windows "on the command line" supports &&, I believe this should work for ruby system commands. It appears this run both commands, as expected (the first one fails): using " " works well: <pre>system("ffmpeg -i ls") # ffmpeg -i fails</pre> using && <pre>system("ls && ls") ls: &&: No such file or directory ls: ls: No such file or directory => false</pre> Thanks. -roger-		
Related issues:		
Related to Ruby master - Feature #4269: command with && should execute as shell	Closed	01/12/2011

Associated revisions

Revision [acd82f6e](#) - 10/25/2012 08:50 AM - usa (Usaku NAKAMURA)

- win32/win32.c (has_redirection): should use shell (cmd.exe) when the commandline contains '&'. reported by Roger Pack at [ruby-core:47912] [Bug #7143], and patched by Heesob Park at [ruby-core:47931].

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@37322 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision [37322](#) - 10/25/2012 08:50 AM - usa (Usaku NAKAMURA)

- win32/win32.c (has_redirection): should use shell (cmd.exe) when the commandline contains '&'. reported by Roger Pack at [ruby-core:47912] [Bug #7143], and patched by Heesob Park at [ruby-core:47931].

Revision [37322](#) - 10/25/2012 08:50 AM - usa (Usaku NAKAMURA)

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Revision c58402cd - 11/08/2012 05:05 AM - usa (Usaku NAKAMURA)

merge revision(s) 37322: [Backport #7143]

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the commandline contains '&'.
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patched by Heesob Park at [ruby-core:47931].
```

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_1_9_3@37549 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 37549 - 11/08/2012 05:05 AM - usa (Usaku NAKAMURA)

merge revision(s) 37322: [Backport #7143]

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History

#1 - 10/12/2012 02:18 PM - phasis68 (Heesob Park)

As you know, && is a shell feature.

using "&&" works well when used with the internal command.

```
irb(main):001:0> system('ver && ls')
```

```
Microsoft Windows XP [Version 5.1.2600]
Thumbs.db  devkitvars.ps1 home m.ico msys.ico qq2 xxx
bin dk.rb include mingw postinstall sbin
devkitvars.bat etc lib msys.bat qq share
=> true
```

Here is a simple patch to invoke shell when command contains '&':

```
diff --git a/win32.c b/win32.c.new
index 7eaf1fc..3446728 100644
--- a/win32.c
+++ b/win32.c.new
@@ -1446,6 +1446,7 @@ has_redirection(const char *cmd)
case '>':
case '<':
case '|':
```

- case '&': case '\n': if (!quote) return TRUE;

#2 - 10/21/2012 02:12 PM - luislavena (Luis Lavena)

- Category set to misc

- Status changed from Open to Assigned

- Assignee set to usa (Usaku NAKAMURA)

Usa, do you think adding such support is a good thing?

#3 - 10/25/2012 05:50 PM - usa (Usaku NAKAMURA)

- Status changed from Assigned to Closed

- % Done changed from 0 to 100

This issue was solved with changeset [r37322](#).
Roger, thank you for reporting this issue.
Your contribution to Ruby is greatly appreciated.
May Ruby be with you.

- `win32/win32.c (has_redirection)`: should use shell (`cmd.exe`) when the commandline contains '&'. reported by Roger Pack at [ruby-core:47912] [Bug [#7143](#)], and patched by Heesob Park at [ruby-core:47931].

#4 - 10/25/2012 06:42 PM - usa (Usaku NAKAMURA)

- *Tracker changed from Bug to Backport*
- *Project changed from Ruby master to Backport193*
- *Category deleted (misc)*
- *Status changed from Closed to Assigned*

#5 - 11/08/2012 02:05 PM - usa (Usaku NAKAMURA)

- *Status changed from Assigned to Closed*

This issue was solved with changeset [r37549](#).
Roger, thank you for reporting this issue.
Your contribution to Ruby is greatly appreciated.
May Ruby be with you.

merge revision(s) 37322: [Backport [#7143](#)]

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