

Backport193 - Backport #3630

File.expand_path doesn't expand content of HOME env. variable

07/30/2010 07:03 AM - tmat (Tomas Matousek)

Status:	Closed
Priority:	Normal
Assignee:	yugui (Yuki Sonoda)
Description	
<pre>=begin Dir.chdir 'C:/temp' do p File.expand_path("a") ENV["HOME"] = './abc/./xxx' p File.expand_path("~/a") ENV["HOME"] = '~/xxx' p File.expand_path("~/a") end Prints: "C:/temp/a" "./abc/./xxx/a" "~/xxx/a" I'd expect it to print: "C:/temp/a" "C:/temp/xxx/a" "C:/temp~/xxx/a" The content of HOME variable should be subject to expansion. If it starts with ~/ the tilde should be treated like a regular directory name to avoid recursion. =end</pre>	

History

#1 - 07/30/2010 07:07 AM - luislavena (Luis Lavena)

```
=begin
I have one question for you:

File.expand_path('~') is supposed to expand to HOME. now, if home contains '~', that is supposed to expand to what?

Recursive expansion sounds bad in that context.
=end
```

#2 - 07/30/2010 07:17 AM - tmat (Tomas Matousek)

```
=begin
No it is not suppose to expand tilde again. Only relative paths and .. so that the result of expand_path is a normalized absolute path.
=end
```

#3 - 07/30/2010 07:19 AM - tmat (Tomas Matousek)

```
=begin
That is

Dir.chdir 'c:/temp' do
ENV["HOME"] = '~'
File.expand_path('~').should == 'c:/temp/~'
end
=end
```

#4 - 07/30/2010 12:25 PM - nobu (Nobuyoshi Nakada)

- Category set to core

- Status changed from Open to Closed

=begin

Fixed at [r28796](#).

BTW, please avoid filing Bug issues to 1.9.1, unless it is particular to 1.9.1.
In general, 1.9.1 should accept Backport issues only.

=end

#5 - 07/30/2010 12:28 PM - nobu (Nobuyoshi Nakada)

- Category set to core

- Assignee set to yugui (Yuki Sonoda)

- Priority changed from Normal to 3

=begin

=end

#6 - 08/01/2010 09:24 PM - mame (Yusuke Endoh)

- Status changed from Closed to Assigned

=begin

=end

#7 - 02/08/2012 10:34 AM - naruse (Yui NARUSE)

- Status changed from Assigned to Closed