
Subject: Re: Different getenv("PATH") and \$PATH on macos

Posted by [Novo](#) on Fri, 06 Jan 2023 05:06:36 GMT

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fudadmin wrote on Thu, 05 January 2023 18:05

No. The PATH is set. It is only NOT correctly retrieved with the getenv("PATH") function. Or let's say it is the other PATH set.

But in Terminal one can get the correct one. And I tested it.

And it is also possible to get the correct one with what Oblivion correctly corrected:

```
Sys("sh -c `echo $PATH`");
```

Do any opendir directory API functions/classes exist?

Or anything else what could correctly replace getenv? Or \$PATH?

Or any code which is more politically and/or programatically correct than this:

```
Sys("sh -c `echo $PATH`");
```

?

Yes, it is set. But it is set not by a shell.

According to Set system-wide PATH environment variable for Mac OS GUI apps which is dated 2020 setting PATH via /etc/launchd.conf works.

Comments to "How to set PATH for Finder-launched applications" say that this doesn't work ...

Sys("sh -c `echo \$PATH`") is a hack. This is not a MacOS way. You are not supposed to use shell on Mac. MacOS itself doesn't launch shell on login.

This is why I personally wouldn't recommend to use PATH in GUI apps on Mac.

Legally MacOS is Unix (and Linux and different flavors of BSD are not), but practically it is something different :)

I do not know what you need PATH for, but I believe there should be a different way of solving your problem.

Quote:Do any opendir directory API functions/classes exist?

Or anything else what could correctly replace getenv? Or \$PATH?

Or any code which is more politically and/or programatically correct than this:

IMHO, if you need shell-related PATH you need to call "sh -c". If you need native MacOS PATH you should call regular getenv.

Macos PATH and shell PATH is not the same thing, IMHO. MacOS ignores shell.
