
Subject: Windows ProgramData directory
Posted by [Tom1](#) on Thu, 03 Nov 2022 09:45:04 GMT
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Hi Mirek,

Could you add the following to Core/App.h:

```
String GetProgramDataFolder();
```

And Core/App.cpp:

```
String GetProgramDataFolder() { return GetShellFolder(CSIDL_COMMON_APPDATA);}
?
```

Best regards,

Tom

EDIT: And by the way, what would be the Linux equivalent for "C:\ProgramData"?

Subject: Re: Windows ProgramData directory
Posted by [mirek](#) on Sat, 03 Dec 2022 14:48:23 GMT
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Tom1 wrote on Thu, 03 November 2022 10:45Hi Mirek,

Could you add the following to Core/App.h:

```
String GetProgramDataFolder();
```

And Core/App.cpp:

```
String GetProgramDataFolder() { return GetShellFolder(CSIDL_COMMON_APPDATA);}
?
```

Best regards,

Tom

EDIT: And by the way, what would be the Linux equivalent for "C:\ProgramData"?

Gladly, if you can answer your question :)

Subject: Re: Windows ProgramData directory
Posted by [Tom1](#) on Mon, 05 Dec 2022 10:15:15 GMT
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Hi,

I wish I (or someone else) could. I tried to search for anything suitable on the web without result.

How would you solve this 'ProgramData' for Linux? I.e. a path on local computer where all users can create/read/write/delete files like on a network share with sufficient privileges.

Should I just: 'sudo mkdir /var/programdata && sudo chmod 777 /var/programdata' and point to this directory within my programs?

(My programs use some files that may be updated by the programs themselves running at user level privileges. All users on the local computer and many of my programs use and update the same files, so there is no point keeping multiple copies on the disk for each program and/or each user. Windows ProgramData is just the right thing for this.)

Best regards,

Tom

Subject: Re: Windows ProgramData directory
Posted by [fudadmin](#) on Tue, 06 Dec 2022 00:11:56 GMT
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Some ideas:

Quote:

If you want to strictly follow the FHS, then /var/opt/<appname> for the data of apps installed in /opt is the right place to go. Stuff installed in /usr/local typically just used /var/lib/<appname>.

--

The difference between /var/opt and /var/lib (or similarly between /opt and /lib) is usually whether any particular package comes from the standard OS repository or manually downloaded and installed/compiled by the administrator. Again usually what ends up in opt folders is purchased non-free programs and 3rd party software not installed by the OS package manager. Those programs and software usually have their own way of self-management, e.g. satisfying library dependencies, un-installation, etc.

from : <https://serverfault.com/questions/262006/var-opt-vs-var-lib>

Regards, Aris

Subject: Re: Windows ProgramData directory
Posted by [Tom1](#) on Tue, 06 Dec 2022 13:06:52 GMT
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Hi,

Thanks Aris! (BTW, nice to hear from you after many years.)

Mirek, would you agree on this:

```
String GetProgramDataFolder() {  
#ifdef WIN32  
    return GetShellFolder(CSIDL_COMMON_APPDATA);  
#else  
    return String("/var/opt");  
#endif  
}
```

Best regards,

Tom

EDIT: Removed trailing slash from /var/opt.

BTW: Should it be called GetProgramDataFolder() or GetProgramDataDirectory()? Currently there is at least GetExeFolder(), GetHomeDirectory() and GetConfigFolder().

Subject: Re: Windows ProgramData directory
Posted by [fudadmin](#) on Thu, 08 Dec 2022 11:27:54 GMT
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Tom1 wrote on Tue, 06 December 2022 13:06Hi,

Thanks Aris! (BTW, nice to hear from you after many years.)

Thanks, Tom! I really appreciate your welcoming words. Btw, have you seen this? :)
https://www.ultimatepp.org/forums/index.php?t=msg&th=11976&goto=59264&#msg_59264