

## QGIS Application - Feature request #21127

### Use relative paths in qgis-bin.env

2019-01-30 08:24 AM - Michiel Nass

<b>Status:</b>	Feedback	<b>Resolution:</b> <b>Copied to github as #:</b> 28945
<b>Priority:</b>	Normal	
<b>Assignee:</b>		
<b>Category:</b>	Build/Install	
<b>Pull Request or Patch supplied:</b>	No	
<b>Easy fix?:</b>	No	
<b>Description</b>		
In file OSGEO4W_ROOT\bin\qgis-bin.env the drive letter of the QGIS installation is hard coded.		
To allow for portable edition (changing drive letters) of QGIS using relative paths or variables like OSGEO4W_ROOT is preferable.		

#### History

##### #1 - 2019-01-30 10:00 AM - Jürgen Fischer

- Status changed from Open to Feedback

The .env is created by the .exe when it's invoked with the --postinstall parameter and dumps the current values of the environment variables listed in .vars to it. The point of the .env is that QGIS doesn't need environment variables to start - this is required for pinning as that automatically starts the pinned .exe and doesn't know about the batch files used for a regular start. The .exe will source the .env automatically. For portable installations you could change the batch file to delete the .env and run the .exe with --postinstall upfront (on regular installations this is done once in etc/postinstall/qgis.bat)

##### #2 - 2019-02-02 03:10 PM - Michiel Nass

Please elaborate.

I normally start QGIS via batch file %OSGEO4W\_ROOT%\bin\qgis.bat.

The last line of that batch file I edited to make it portable and it reads:

```
start "QGIS" /B "%OSGEO4W_ROOT%\bin\qgis-bin.exe" --profiles-path "%OSGEO4W_ROOT%\qgisini" %*
```

Do i understand correctly I have to replace the last line with the following two lines?

```
del "%OSGEO4W_ROOT%\bin\qgis-bin.env"
start "QGIS" /B "%OSGEO4W_ROOT%\bin\qgis-bin.exe" --profiles-path "%OSGEO4W_ROOT%\qgisini" --postinstall %*
```

##### #3 - 2019-02-02 04:35 PM - Jürgen Fischer

```
del "%OSGEO4W_ROOT%\bin\qgis-bin.env"
"%OSGEO4W_ROOT%\bin\qgis-bin.exe" --postinstall
start "QGIS" /B "%OSGEO4W_ROOT%\bin\qgis-bin.exe" --profiles-path "%OSGEO4W_ROOT%\qgisini" %*
```