QGIS Application - Feature request #6961
add additional path for python plugins in system options

2013-01-08 01:38 AM - Regis Haubourg

Status:	Closed			
Priority:	Low			
Assignee:				
Category:	Python plugins			
Pull Request or Patch supplied:	No	**Resolution:**	fixed/implemented	
Easy fix?:	No	**Copied to github as #:**	16071	

Description

Currently, it is possible to list additionnal path(s) for C++ plugins. It would be nice to add also path(s) for python plugins.
QGIS_PLUGINPATH environnement variable permits to achieve it, but it supposes to have admin rights on the system.
Regards,
Régis

History

#1 - 2013-01-08 09:40 PM - Larry Shaffer

Hi Régis,

This should be pretty straightforward to do.

> *QGIS_PLUGINPATH environnement variable permits to achieve it, but it supposes to have admin rights on the system.*

Which system requires admin rights to set environment variables? I'm assuming Windows. I'm also assuming you already tried adding the QGIS_PLUGINPATH to the new Custom Environment Variables table, yes?

#2 - 2013-01-08 11:48 PM - Regis Haubourg

Hi Larry,
right, I did try to modify QGIS_PLUGINPATH in the new Custom Environment Variables table, but it remained greyed out, even on a Windows XP with admin rights.. tested with revision 7e29d7c

#3 - 2013-01-14 12:11 PM - Larry Shaffer

- Status changed from Open to Feedback

Hi Régis,

Could you test if commit commit:9182ab2 fixes the greyed-out issue for you? Looks like those QtDesigner-made connections maybe got erased when I was doing some final fiddling with the layout for the variable tables.

It won't fix the admin/standard user issue. If you get it working with an admin account, please test with standard user. If it doesn't work for the standard user, I should probably grey the custom vars table, notifying the user as to why, or hide it. Then, just need a way to figure out if the current user on Windows is an admin or standard user.

There seems to be other, third-party solutions, like SetEnv for setting user-defined env vars, but not sure if it could be included with the OSGeo4W

installer. That utility also seems to have issues with Windows 7 and 8.

Also, I don't develop on Windows, so another dev will need to help implement any further Windows-specific changes.

#4 - 2013-01-15 02:20 AM - Regis Haubourg

Hi Larry,
tested on Win XP with admin rights. It works OK. two remarks:
1- the tab of system environemment variable is editable, even if it is read only in reality. Cool for copy/paste values, but a bit confusing. Is it possible to copy paste values from this tab, but without allowing it to be editable (not really important, very few user will try that).

2- I realized that QGIS_PLUGINPATH path list is not traced in log messages panel. It would be nice for debugging purposes.

Thanks very much Larry!

#5 - 2013-01-15 07:53 AM - Larry Shaffer

BTW, Juergen added the Windows env var support with commit commit:314d144

regis Haubourg wrote:

> *1- the tab of system environemment variable is editable, even if it is read only in reality. Cool for copy/paste values, but a bit confusing. Is it possible to copy paste values from this tab, but without allowing it to be editable (not really important, very few user will try that).*

Yeah, I couldn't find a simple read-only way of doing the copy, that didn't include allowing editing as well. I thought about putting a textChanged connection on the cells that would auto-revert the contents on leaving or changing. Still looking into it.

> *2- I realized that QGIS_PLUGINPATH path list is not traced in log messages panel. It would be nice for debugging purposes.*

Do you mean it should be part of this log output?:

    Application state:
    QGIS_PREFIX_PATH env var:
    ...

#6 - 2013-01-15 08:22 AM - Regis Haubourg

Ok, thanks to Jurgen too,

    Do you mean it should be part of this log output?:

    Application state:
    QGIS_PREFIX_PATH env var:

It could be something like :

Prefix: C:/Program Files/Quantum Gis/apps/qgis

Plugin Path: C:/Program Files/Quantum Gis/apps/qgis/plugins

Python Plugin Path(s)   //Nas01/appdata2008/haubourg/AppData/Roaming/.qgis/python/plugins ; F:/MyOtherPluginLocation

Package Data Path: C:/Program Files/Quantum Gis/apps/qgis/.

Active Theme Name: default

Active Theme Path: :/images/themes/default/

Default Theme Path: :/images/themes/default/

SVG Search Paths: C:/Program Files/Quantum Gis/apps/qgis/./svg/

      //Nas01/appdata2008/haubourg/AppData/Roaming/.qgis/svg/

User DB Path: C:/Program Files/Quantum Gis/apps/qgis/./resources/qgis.db

#7 - 2014-06-23 06:43 AM - Regis Haubourg

can be closed. has been done in QGIS 2.0

#8 - 2014-06-23 06:44 AM - Paolo Cavallini

- Status changed from Feedback to Closed

- Resolution set to fixed/implemented

#9 - 2019-02-27 03:17 PM - Alain FERRATON

I don't know if a version of QGIS has displayed in the logs the paths of the python plugins but this doesn't seem to be the case with QGIS 3

cf :

2019-02-27T14:35:53   INFO   État de l'application

      variable d'environnement QGIS_PREFIX_PATH : C:/Program Files/QGIS 3.4/apps/qgis-ltr

      Préfixe: C:/Program Files/QGIS 3.4/apps/qgis-ltr

      Chemin des extensions: C:/Program Files/QGIS 3.4/apps/qgis-ltr/plugins

      Chemin des paquets de données: C:/Program Files/QGIS 3.4/apps/qgis-ltr/.

      Nom du thème actif: default

      Chemin du thème actif: C:/Program Files/QGIS 3.4/apps/qgis-ltr/./resources/themes\default\icons/

      Chemin du thème par défaut: :/images/themes/default/

      Chemins de recherche SVG: C:/PROGRA~1/QGIS3~1.4I/apps/qgis/./svg/

       C:/Users/alain.ferraton/AppData/Roaming/QGIS/QGIS3/profiles/default/svg/

       C:/Program Files/QGIS 3.4/apps/qgis-ltr/./svg/

       C:\Users\alain.ferraton\AppData\Roaming\QGIS\QGIS3\profiles\default/svg/

      Chemin de la BD utilisateur: C:/Program Files/QGIS 3.4/apps/qgis-ltr/./resources/qgis.db

      Chemin de la BD d'authentification: C:\Users\alain.ferraton\AppData\Roaming\QGIS\QGIS3\profiles\default/qgis-auth.db