

QGIS Application - Bug report #13233

GPS Information - the Connection is not restored

2015-08-19 10:30 AM - Steven Mizuno

Status:	Closed	
Priority:	Normal	
Assignee:		
Category:	GPS Live Tracking	
Affected QGIS version:	master	Regression?: No
Operating System:		Easy fix?: No
Pull Request or Patch applied:	Yes	Resolution:
Crashes QGIS or corrupts data:	No	Copied to github as #: 21294
Description		
GPS Information panel		
<p>problem: on QGIS start the Autodetect connection is always selected even though another, like Serial device, was previously used and should have been restored. This is rather annoying.</p> <p>This occurs on Windows. I believe Linux or Mac versions are also affected.</p> <p>Also, the 'H accuracy' (sic) and 'V accuracy' fields always show -1 when GPS is connected.</p> <p>I found in qgsgpsinformationwidget.cpp that there is a test for HAVE_QT_MOBILITY_LOCATION not defined that forces the Autodetect to be selected (negating the restored choice) and the Internal button to be disabled.</p> <p>Note that that the labels are misspelled as '... accuracy' instead of '... accuracy' -- the ui file needs to be fixed.</p> <p>As the test is for a compile-time setting the user has absolutely no influence on, I consider that the Internal radiobutton being displayed when there is no Internal availability is just noise. Therefore it should be hidden.</p> <p>Additionally, I find that the H accuracy and V accuracy display fields' data are from the internal location module. These are also noise as they don't get any data if there is no internal connection.</p> <p>I offer a patch to change the behavior to:</p> <ol style="list-style-type: none">1. setting Autodetect only if Internal just happened to be the stored connection (it shouldn't happen in normal use)2. hiding the Internal radiobutton3. hiding the H and V accuracy labels/text boxes <p>when HAVE_QT_MOBILITY_LOCATION is not defined.</p> <p>The patch was taken against final-2_10_1 tag, but should be applied to head. And perhaps back port to other branches that may have further releases.</p>		

Associated revisions

Revision 9d5f2892 - 2017-03-24 12:58 AM - Steven Mizuno

hide Internal connection if build is without WITH_QTMOBILITY cmake setting

use previously set connection; set Autodetect only if Internal happened to be the stored setting.

fix #13233

History

#1 - 2015-09-10 05:12 AM - Giovanni Manghi

- Status changed from Open to Feedback

Hi,

if possible please submit this patch as pull request on github, thanks!

#2 - 2015-09-27 11:18 AM - Steven Mizuno

see PR <https://github.com/qgis/QGIS/pull/2338>

#3 - 2015-11-07 11:26 AM - Giovanni Manghi

- Target version deleted (Version 2.12)

#4 - 2015-12-20 09:53 AM - Giovanni Manghi

- Status changed from Feedback to Open

#5 - 2017-03-23 04:51 PM - Steven Mizuno

- Status changed from Open to Closed

Fixed in changeset commit:"9d5f28921d185705303ce689fee84757f8990a3c".

Files

diff-gpsinformationwidget-_final-2_10_1_.txt	874 Bytes	2015-08-19	Steven Mizuno
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