QGIS Application - Feature request #10751
GPS unit communication with QGIS and live tracking

2014-06-29 10:42 AM - David Lovelace

Status:	Closed		
Priority:	Normal		
Assignee:			
Category:	C++ plugins/GPS plugin		
Pull Request or Patch supplied:	No	**Resolution:**	worksforme
Easy fix?:	No	**Copied to github as #:**	19135

Description

The reasoning given for the closure of issue "#10749" is that "...much less necessity of a tool to download waypoints from a gps unit as any recent gps unit has sd cards". Direct connection by USB/bluetooth to and from GPS unit to GIS is important for data gathering in the field. It also means that its not possible to have live tracking in QGIS - that is centering a map/air photo in response to live GPS data stream - unless there is some plugin already that I'm not aware of. Not being a programmer myself, I obviously accept the decision of the person who has worked on the GPS tools and those managing the QGIS development process but I think that many practitioners find would find it very useful (if not essential in some cases) to have such a functionality for the future. Indeed it may hamper the take up of FOSS4G for some GIS applications. I therefore respectfully ask that this be considered as an important feature for a future version.

History

#1 - 2014-06-29 10:49 AM - Giovanni Manghi

- Resolution set to worksforme

- Status changed from Open to Closed

for live tracking on Windows use GPSGATE as a way to put in communication QGIS and the GPS, is very simple and easy to use.

Live tracking and download data from GPS are two different things, the first needs qgis to communicate real time with the GPS, for the second QGIS uses GPSBABEL in the middle, that is now source of many troubles.

See

https://issues.qgis.org/wiki/quantum-gis/Gps_units_download_data_and_live_tracking#QGIS-live-tracking

I'm closing this because the last time I tested qgis/windows/and garmin USB units and live tracking it was working ok using GPSGATE (an alternative I know is http://www8.garmin.com/support/download_details.jsp?id=1627 but I havn't tested myself).