QGIS Application - Bug report #2419
qgis standalone crashes when opening a vector layer with "Shift-JIS" encoding

2010-02-09 12:37 AM - toltec77 -

Status:	Closed			
Priority:	Low			
Assignee:	nobody -			
Category:	Build/Install			
Affected QGIS version:		**Regression?:**	No	
Operating System:	All	**Easy fix?:**	No	
Pull Request or Patch supplied:		**Resolution:**	worksforme	
Crashes QGIS or corrupts data:		**Copied to github as #:**	12479	

Description

Downloaded QGIS-1.4.0-1-No-GrassSetup.exe today. After installed and started the QGIS, A raster layer of Alaska sample data (landcover.img) opened OK, but the program shut down every time I tried to open a vector (lake.gml). Same thing happens when I tried to open my vector shapefiles.

History

#1 - 2010-02-09 12:47 AM - toltec77 -

Update: it was related to encoding. The program works fine when encoding is "UTF-8," but fails when it is "Shift-JIS."

#2 - 2010-02-09 06:59 AM - Giovanni Manghi

Hi, this is replicable with the standalone installer but not with the osego4w one.

#3 - 2010-02-17 02:59 AM - Giovanni Manghi

see also #2448

#4 - 2010-05-26 02:09 PM - Charles Timko -

I was able to reproduce this on Mac OS X. I think it would be best if this was definitely fixed for the 1.5 release. I am looking at a crash dump though, and it is pointing at [[QtCore]] as the culprit of the crashing [QTextCodec::toUnicode(char const*) to be more specific].

#5 - 2010-05-27 07:22 AM - Charles Timko -

Looks like a general protection fault in QTextCodec::toUnicode.

#6 - 2010-05-27 07:31 AM - Charles Timko -

I am unable to reproduce this error when using "System" encoding on a Mac. I can only reproduce when I change the encoding from System to Shift-JIS. toltec77, does that work for you using System over Shift-JIS?

#7 - 2010-05-27 11:48 AM - Charles Timko -

Ok, I have some more data:

Debug: /Users/ctimko/Documents/workspace/qgis/src/core/qgsvectordataprovider.cpp: 144: (setEncoding) error finding QTextCodec for SHIFT-JIS

Doesn't look like QTextCodec supports Japanese. This error was created when I set the encoding within xml as shift-jis.

Now, loading the file again with the shift-jis as the XML encoding, and I told the dialog to use System, this removed the error (of course), but it's attempt at parsing the file resulted in a crash. I will try with other foreign encodings.

#8 - 2010-06-12 02:01 AM - yoichi Kayama

This problem was talked in Japanese community.
This issue is due to lack of Qt codec plug-in.
OSGeo4w version has qt codec plugins at {OSGeo4w}/apps/qt4/plugins/codecs.
But standalone version has no qt plugin about codecs.
We addressed this issue by set the Qt codec plugins at the folder {QGIS}/bin/qtplugins/codecs.

To packeger, please include Qt plugins of codec to 1.5 new package.

#9 - 2010-06-19 06:12 AM - Jürgen Fischer

- *Resolution set to worksforme*
- *Status changed from Open to Closed*

Qt packaging issue - not a QGIS problem.