QGIS Application - Bug report #12683
Processing refactor fields: python error on unhandeld field types
2015-04-30 08:08 AM - Médéric RIBREUX

Status:	Closed		
Priority:	Normal		
Assignee:	Victor Olaya		
Category:	Processing/QGIS		
Affected QGIS version:	2.8.1	**Regression?:**	No
Operating System:		**Easy fix?:**	No
Pull Request or Patch supplied:	Yes	**Resolution:**	fixed/implemented
Crashes QGIS or corrupts data:	No	**Copied to github as #:**	20790

Description

Hello,

I am facing errors when I try to use the "refactor fields" algorithm on some Oracle and SQLite layers.

It seems that the data type of some fields are not referenced in the FieldsMappingPanel.py/fieldTypes variable in the FieldsMappingModel class.

So far I've found that SQLite INTEGER (QLongLong for QGIS) and Oracle DATE (QDateTime for QGIS) field types are triggering errors in FieldsMappingPanel.py:

    An error has occured while executing Python code:

    Traceback (most recent call last):
      File "C:/Users/MRIBREUX/.qgis2/python/plugins\\processing\\algs\\qgis\\ui\\FieldsMappingPanel.py", line 138, in data
        return self.fieldTypes[value]
    KeyError: 4

Perhaps should you add some more types in fieldTypes variable. I've tried the following:

    fieldTypes = OrderedDict([
        (QtCore.QVariant.Int, "Integer"),
        (QtCore.QVariant.Double, "Double"),
        (QtCore.QVariant.String, "String"),
        (QtCore.QVariant.DateTime, "Date"),
        (QtCore.QVariant.LongLong, "Double"),
        (QtCore.QVariant.Date, "Date")])

... and was able to use the algorithm. For the moment, I've just found those two missing types but perhaps should we need to add more ?

Cheers !

History

#1 - 2015-05-07 02:06 AM - Giovanni Manghi

- Priority changed from Severe/Regression to Normal

#2 - 2015-05-07 03:29 AM - Giovanni Manghi

- Pull Request or Patch supplied changed from No to Yes

see

https://github.com/qgis/QGIS/pull/2033

#3 - 2015-05-07 07:54 AM - Giovanni Manghi

- Resolution set to fixed/implemented

- Status changed from Open to Closed

#4 - 2015-05-07 07:55 AM - Giovanni Manghi

of course... thanks!