

## QGIS Application - Bug report #5718

### OpenStreetMap plugin corrupts Unicode characters when uploading to the server

2012-06-02 08:22 AM - Leyan Ouyang

|  |                |                                     |
|--|----------------|-------------------------------------|
| <b>Status:</b>   | Closed         |                                     |
| <b>Priority:</b>   | Normal         |                                     |
| <b>Assignee:</b>   | Martin Dobias  |                                     |
| <b>Category:</b>   | Python plugins |                                     |
| <b>Affected QGIS version:</b>  | master         | <b>Regression?:</b> No              |
| <b>Operating System:</b>   |                | <b>Easy fix?:</b> No                |
| <b>Pull Request or Patch supplied:</b>   | Yes            | <b>Resolution:</b> invalid          |
| <b>Crashes QGIS or corrupts data:</b>  | No             | <b>Copied to github as #:</b> 15236 |
| <b>Description</b>   |                |                                     |
| <p>I used the OpenStreetMap plugin to change some streets name in China. I was able to type the characters without issues and upload the data, but when I went to check on the website, the result was only lines of "???" :</p> <p><a href="http://www.openstreetmap.org/browse/changeset/11776889">http://www.openstreetmap.org/browse/changeset/11776889</a></p> <p>After investigation, it is caused by the conversion of the prepared XML diff to ASCII before sending it, in python/plugins/osm/OsmUploadDlg.py:</p> <pre>requestBytes = requestXml.toAscii() httpSessionId = self.http.request(header, requestBytes)</pre> <p>This is done for each of the 9 different processes.</p> <p>I just tried with a toUtf8() and it seemed to work (<a href="http://www.openstreetmap.org/browse/changeset/11777700">http://www.openstreetmap.org/browse/changeset/11777700</a>, you can see the "created_by = QGIS OSM v0.5" and the correct name of the street modified), but I am no expert in this. Everything before this last step seems to be prepared for utf8, so is there any special reason to convert to ASCII before sending ?</p> <p>I think it is high priority as right now it is sending corrupted data silently to the OpenStreetMap server.</p> |                |                                     |

#### History

**#1 - 2012-06-16 01:50 AM - Marco Hugentobler**

- Pull Request or Patch supplied changed from No to Yes

**#2 - 2012-06-16 01:51 AM - Marco Hugentobler**

- Assignee set to Martin Dobias

**#3 - 2012-09-04 12:09 PM - Paolo Cavallini**

- Target version set to Version 2.0.0

**#4 - 2012-12-30 09:51 AM - Giovanni Manghi**

- Priority changed from High to Normal

**#5 - 2013-03-11 06:25 AM - Alexander Bruy**

- Resolution set to invalid

- Status changed from Open to Closed

Seems this can be closed, because OSM plugin removed from master