# QGIS Application - Bug report #21949
# Processing OGR based tools: encoding changed in outputs

2019-04-28 11:34 AM - Bernd Vogelgesang

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|---|---|---|---|
| **Status:** | Open | | |
| **Priority:** | High | | |
| **Assignee:** | | | |
| **Category:** | Processing/OGR | | |
| **Affected QGIS version:** | 3.6.2 | **Regression?:** | Yes |
| **Operating System:** | Linux Mint | **Easy fix?:** | No |
| **Pull Request or Patch supplied:** | | **Resolution:** | |
| **Crashes QGIS or corrupts data:** | No | **Copied to github as #:** | 29764 |

**Description**

When trying to buffer a point dataset with the GDAL buffer vector function, the attributes get obviously encoded to sth else than the original UTF-8.
All special characters become a ? on black rhombic background. When manually setting the resulting layer to windows1252, the special characters are visible again.
This seems to apply to other GDAL/OGR functions besides buffer as well.

Besides that I would like to second Tobias's feature request #21279 to change the output format from ESRI shapefile to GPKG, cause shape format (dbase) might cripple any GPKG-based workflow. And as GPKG is UTF-8 by default, the encoding issues would/could/should be gone as well, I hope.

QGIS 3.6.2 on Linux Mint

**History**

**#1 - 2019-04-28 11:40 AM - Jürgen Fischer**

*- Description updated*

**#2 - 2019-05-01 06:54 PM - Giovanni Manghi**

*- Crashes QGIS or corrupts data changed from Yes to No*

*- Priority changed from Normal to High*

Confirmed also here (same OS and same QGIS version). I also think this wasn't an issue in the past. Note: applying manually ISO8859-1 also "works".

**#3 - 2019-05-01 06:54 PM - Giovanni Manghi**

*- Subject changed from OGR processing: Encoding changed from UTF-8 to windows1252 to Processing OGR based tools: encoding changed in outputs*