

QGIS Application - Bug report #845

Problem with large attribute tables

2007-12-01 03:42 PM - Otto Dassau

Status: Closed	
Priority: Low	
Assignee: Marco Hugentobler	
Category:	
Affected QGIS version:	Regression?: No
Operating System: Debian	Easy fix?: No
Pull Request or Patch supplied:	Resolution: fixed
Crashes QGIS or corrupts data:	Copied to github as #: 10904

Description

Hi,

I tried to open the database table of a very large shape file.

dbf -> 770 MB
shp -> 384 MB
shx -> 7 MB

Loading and visualizing the file works fine, although it takes some minutes, but opening the attribute table fails.

The error message is:

```
QlconvCodec::convertToUnicode: using ASCII for conversion, iconv_open failed
terminate called after throwing an instance of 'std::bad_alloc'
what(): std::bad_alloc
Abgebrochen (core dumped)
```

When I generate a stacktrace, all it says is:

```
#0 0xffffe410 in ?? ()
Cannot access memory at address 0xbf8e8520
```

1. Comment by Marco Hugentober:

The problem is that you run out of virtual memory (RAM and swap partition are full) and so the bad_alloc exception is thrown. In the short run we should add a try/catch block and in the long run not read all the rows into memory.

History

#1 - 2007-12-01 03:49 PM - Jürgen Fischer

Marcos fix is already in commit:33b27214 (SVN r7702)

#2 - 2007-12-02 01:20 AM - Otto Dassau

1. comment by Tim Sutton

This is really a side effect of ticket

<https://svn.qgis.org/trac/ticket/135>

The table display needs to be redesigned to use qt interview framework. I have some in progress work to do this, and martin has been doing some similar work in python.

#3 - 2009-03-21 09:33 AM - Paolo Cavallini

Does recently added Better Table by Martin solve this?

#4 - 2009-03-28 03:25 PM - Paolo Cavallini

- *Resolution set to fixed*

- *Status changed from Open to Closed*

I assume (no such large data at hand) it does solve it; please test and reopen it if appropriate

#5 - 2009-07-18 02:38 AM - Neil Robinson -

- *Resolution deleted (fixed)*

- *Status changed from Closed to Feedback*

Opening a large attribute table still fails for me. In fact, if I leave it long enough without killing the qgis process, it hangs my whole system.

Using 1.0.2 on Ubuntu 9.04 -- downloaded from ppa repositories.

Is there some way to get debugging info that I could send through to help with troubleshooting this?

#6 - 2009-07-18 02:46 AM - Paolo Cavallini

- *Resolution set to fixed*

- *Status changed from Feedback to Closed*

The problem should be fixed in 1.1

#7 - 2009-08-22 01:02 AM - Anonymous

Milestone Version 1.0.2 deleted